

DNIT

MANUAL DE CUSTOS RODOVIÁRIOS

VOLUME 2 TOMO 2

MANUAL DO SISTEMA - PROGRAMA FONTE

2003

MINISTRO DOS TRANSPORTES
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MANUAL DE CUSTOS RODOVIÁRIOS

VOLUME 2 TOMO 2

MANUAL DO SISTEMA – PROGRAMA FONTE

MANUAL DE CUSTOS RODOVIÁRIOS
SISTEMA DE CUSTOS RODOVIÁRIOS – SICRO2

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VOLUME 2 TOMO 2

MANUAL DO SISTEMA – PROGRAMA FONTE

3ª edição

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2003

DEPARTAMENTO NACIONAL DE INFRA-ESTRUTURA DE TRANSPORTES – DNIT
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TÍTULO: MANUAL DE CUSTOS RODOVIÁRIOS
VOLUME 2 TOMO 2: Manual do sistema – programa fonte

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APRESENTAÇÃO

Este documento apresenta o resultado dos estudos desenvolvidos na revisão, atualização e complementação dos Manuais de Custos Rodoviários, editado em 1972 e 1980, e a adequação do sistema informatizado SICRO ao novo manual. Nele estão incorporados os estudos desenvolvidos e as contribuições recebidas pela então Gerência de Custos Rodoviários, após a realização de seminários na sede do órgão em Brasília, com as demais equipes do Departamento e a comunidade rodoviária em geral.

Este manual foi elaborado em 1998, sendo sua metodologia implantada pelo DNER no ano de 2000 e o seu lançamento em 2003.

No cálculo dos custos, levou-se em consideração as novas tecnologias e os atuais métodos construtivos rodoviários, entretanto, faz-se necessário ressaltar que essa atualização deverá constituir-se dinâmica, tendo em vista o contínuo desenvolvimento da tecnologia e da economia do país.

Solicitamos a todos os usuários deste documento que tiverem dúvidas, críticas ou sugestões, que as enviem como contribuição para a equipe responsável pelo SICRO2, à Av. Presidente Vargas, 522 - 4º andar, CEP 20071-000, Rio de Janeiro, RJ, Brasil.

Para fins de apresentação este Manual está organizado como se segue:

Volume 1 METODOLOGIA E CONCEITOS

Volume 2 MANUAL DO SISTEMA E MANUAL DO USUÁRIO

- **Tomo 1 MANUAL DO SISTEMA - PROJETO CONCEITUAL**
- **Tomo 2 MANUAL DO SISTEMA - PROGRAMA FONTE**
- **Tomo 3 MANUAL DO USUÁRIO**

Volume 3 COMPOSIÇÕES DE CUSTOS UNITÁRIOS DE ATIVIDADES AUXILIARES

Volume 4 COMPOSIÇÕES DE CUSTOS UNITÁRIOS DE REFERÊNCIA OBRAS DE CONSTRUÇÃO RODOVIÁRIA

- **Tomo 1 TERRAPLENAGEM E PAVIMENTAÇÃO**
- **Tomo 2 OBRAS DE ARTE ESPECIAIS**
- **Tomo 3 DRENAGEM E OUTROS CUSTOS I**
- **Tomo 4 DRENAGEM E OUTROS CUSTOS II**

- Volume 5** **COMPOSIÇÕES DE CUSTOS UNITÁRIOS DE REFERÊNCIA
SERVIÇOS DE CONSERVAÇÃO RODOVIÁRIA**
- Volume 6** **COMPOSIÇÕES DE CUSTOS UNITÁRIOS DE REFERÊNCIA
OBRAS DE SINALIZAÇÃO RODOVIÁRIA**
- Volume 7** **COMPOSIÇÕES DE CUSTOS UNITÁRIOS DE REFERÊNCIA
OBRAS DE RESTAURAÇÃO RODOVIÁRIA**
- Anexo 1** **MANUAL DE PESQUISA DE PREÇOS DE EQUIPAMENTOS E
MATERIAIS**

RESUMO

Este documento apresenta a metodologia e os critérios adotados para o cálculo dos custos unitários dos insumos e serviços necessários à execução das obras de construção, restauração e sinalização rodoviária e dos serviços de conservação rodoviária. Apresenta, ainda, as rotinas e procedimentos empregados pelo sistema informatizado implantado para o cálculo dos custos unitários de referência.

ABSTRACT

This document presents the methodology and criteria adopted for the calculation of unit costs for the production factors and services which are necessary to the execution of construction, restauration and signaling road-works. It also presents the routines and procedures employed by the software system implanted for the calculation of reference unit costs.

MANUAL DE CUSTOS RODOVIÁRIOS DO DNIT

MANUAL DO SISTEMA - PROGRAMA FONTE

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1.1 INICIO.PRG

```
*****
*****
*:
*: Procedure File INICIO.PRG
*:
*:
*:
*:
*: Visual FoxPro Formatting wizard version
*.03
*****
*****
*: INICIO
set exclusive off
set date british
set talk off
set deleted on
set point to ","
set separator to "."
set HELP to sicro.hlp

IF set('TALK') = 'ON'
  set talk off
  PUBLIC gcOldTalk
  gcOldTalk = 'ON'
ELSE
  PUBLIC gcOldTalk
  gcOldTalk = 'OFF'
ENDIF

PUBLIC gcOldDir, gcOldPath,
gcOldClassLib, gcOldEscape, gcCon
gcOldEscape = set('ESCAPE')
gcOldDir = FULLPATH(CURDIR())
gcOldPath = set('PATH')
gcOldClassLib = set('CLASSLIB')
gcCon = {31/12/97}

_ASCIICOLS = 270 && tamanho da linha
ascii (relatorios)

set PATH to
TABELAS,FORMS,FORMSPEP,IMAGENS
,MENUS,REPORTS,reportpe,INCLUDE,FO
RMSCTR,REPORCTR, ;
  formsorc,AUXILIO
set procedure to procs

PUBLIC
fim,classeusu,logado,keymagic,opmenu

#INCLUDE "include\tastrade.h"

*-- DECLARE DLL statements for
reading/writing to private INI files
DECLARE INTEGER
GetPrivateProfileString IN Win32API AS
GetPrivStr ;
  String cSection, String cKey, String
cDefault, String @cBuffer, ;
  Integer nBufferSize, String cINIFile

DECLARE INTEGER
WritePrivateProfileString IN Win32API AS
WritePrivStr ;
  String cSection, String cKey, String
cValue, String cINIFile
```

```
*-- DECLARE DLL statements for
reading/writing to system registry
DECLARE Integer RegOpenKeyEx IN
Win32API ;
  Integer nKey, String @cSubKey, Integer
nReserved, ;
  Integer nAccessMask, Integer @nResult

DECLARE Integer RegQueryValueEx IN
Win32API ;
  Integer nKey, String cValueName, Integer
nReserved, ;
  Integer @nType, String @cBuffer, Integer
@cBufferSize

DECLARE Integer RegCloseKey IN
Win32API ;
  Integer nKey

*-- DECLARE DLL statement for Windows
3.1 API function GetProfileString
DECLARE INTEGER GetProfileString IN
Win32API AS GetProStr ;
  String cSection, String cKey, String
cDefault, ;
  String @cBuffer, Integer nBufferSize

CLEAR

*-- Ensure the project manager is closed, or
we may run into
*-- conflicts when trying to KEYBOARD a
hot-key
DEACTIVATE WINDOW "Project
Manager"

*-- All public vars will be released as soon as
the application
*-- object is created.

sele 0
use global IN 100

classeusu="U"
fim=.f.

_screen.windowstate=2 && maximiza
Modify WINDOW Screen Title "SICRO -
Sistema de Custos Rodoviários" nominimize
icon file "DNER02.ico" close

*-- Releases all Visual FoxPro toolbars
LOCAL i

DIMENSION aToolBars[11,2]
aToolBars[1,1] =
TB_FORMDESIGNER_LOC
aToolBars[2,1] = TB_STANDARD_LOC
aToolBars[3,1] = TB_LAYOUT_LOC
aToolBars[4,1] = TB_QUERY_LOC
aToolBars[5,1] =
TB_VIEWDESIGNER_LOC
aToolBars[6,1] =
TB_COLORPALETTE_LOC
aToolBars[7,1] =
TB_FORMCONTROLS_LOC
aToolBars[8,1] =
TB_DATADESIGNER_LOC
aToolBars[9,1] =
TB_REPODESIGNER_LOC
aToolBars[10,1] =
TB_REPOCONTROLS_LOC
aToolBars[11,1] =
TB_PRINTPREVIEW_LOC
```

```
FOR i = 1 to ALEN(aToolBars, 1)
  aToolBars[i,2] =
WVISIBLE(aToolBars[i,1])
  IF aToolBars[i,2]
    HIDE WINDOW (aToolBars[i,1])
  ENDIF
ENDFOR

PUBLIC
UFBASE,este_uf,ESTE_LOCAL,esta_data,c
duf

sele 0

do form logo
do teste.mpr

do while !fim

do prindner.mpr
READ events
enddo

set systmenu to default
*release all
CLEAR && all
E:\VFP\SAMPLES\GRAPHICS\BMPS\FOX
\BROWSE.BMP
DNER02.ICO

1.2 EMES.PRG
*****
*****
*:
*: Procedure File EMES.PRG
*:
*:
*:
*:
*:
*:
*: Visual FoxPro Formatting wizard version
*.03
*****
*****
*: EMES
*****
*****

*****

1.3 FUNCTION EMES(pDATA)

*--
*-- Recebe uma data
*-- Retorna O MÊS EM PORTUGUÊS
*--
do CASE
CASE month(pData) = 1
  RETURN 'Janeiro'
CASE month(pData) = 2
  RETURN 'Fevereiro'
CASE month(pData) = 3
  RETURN 'Março'
CASE month(pData) = 4
  RETURN 'Abril'
CASE month(pData) = 5
  RETURN 'Maio'
CASE month(pData) = 6
  RETURN 'Junho'
CASE month(pData) = 7
  RETURN 'Julho'
CASE month(pData) = 8
```

```

RETURN 'Agosto'
CASE month(pData)= 9
RETURN 'Setembro'
CASE month(pData)= 10
RETURN 'Outubro'
CASE month(pData)= 11
RETURN 'Novembro'
CASE month(pData)= 12
RETURN 'Dezembro'
OTHERWISE
RETURN 'Erro na função eMes'
ENDCASE

```

ENDFUNC

1.4 EREGIAO.PRG

```

*****
*****
*
*: Procedure File EREGIAO.PRG
*
*
*
*
*
*
*
*
*
*: Visual FoxPro Formatting wizard version
*.03
*****
*****
*: EREGIAO
*****
*****

```

1.5 FUNCTION EREGIAO(PREG)

```

*--
*-- Recebe um código
*-- Retorna O nome da região geográfica
*--
do CASE
CASE pReg = 'Z1'
RETURN 'Região Norte'
CASE pReg = 'Z2'
RETURN 'Região Nordeste'
CASE pReg = 'Z3'
RETURN 'Região Centro-Oeste'
CASE pReg = 'Z4'
RETURN 'Região Sudeste'
CASE pReg = 'Z5'
RETURN 'Região Sul'
OTHERWISE
RETURN 'Erro na função eRegiao'
ENDCASE

```

ENDFUNC

1.6 EXPORTA.SCX

```

Left = 41
Top = 22
Width = 520
Height = 211
Name = "Dataenvironment"
Left = 20

```

```

Top = 10
Width = 95
Height = 90
Alias = "par0010"
Database = sicro.dbc
CursorSource = "par0010"
Name = "Cursor1"
Left = 160
Top = 10
Width = 95
Height = 90
Alias = "par0040"
Database = sicro.dbc
CursorSource = "par0040"
Name = "Cursor2"
Height = 251
Width = 486
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "Exportação de Dados"
HelpContextID = 31030
icon = dner02.ico
WindowType = 1
LockScreen = .f.
Name = "Exportacao"
procedure Init
parameters rel,cond
IF parameters(<1
Thisform.release
ELSE
Thisform.relatorio=rel
ENDIF
IF parameters(<2
Thisform.condicao=".t."
ELSE
Thisform.condicao=cond
ENDIF

```

ENDPROC

```

AutoSize = .f.
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 55
Left = -24
Top = 173
Width = 324
Name = "OP"
Command1.AutoSize = .f.
Command1.Top = 5
Command1.Left = 81
Command1.Height = 45
Command1.Width = 89
Command1.Picture = IMAGENS\ok.bmp
Command1.Caption = "Exporta"
Command1.ToolTipText = "Exporta os dados
selecionados"
Command1.TerminateRead = .T.
Command1.Name = "OK"
Command2.AutoSize = .f.
Command2.Top = 5
Command2.Left = 230
Command2.Height = 45
Command2.Width = 89
Command2.Picture = IMAGENS\cancel.bmp
Command2.Caption = "Cancela"
Command2.ToolTipText = "Cancela a
exportação de dados"
Command2.TerminateRead = .T.
Command2.Name = "Cancela"
procedure ok.Valid
IF empty(Thisform.Combo_uf.Value)
wait WINDOW "Selecione uma UF"

```

ENDIF

```

set excl off
disco=alltrim(Thisform.disco.Value)

```

```

expdata=ctod(Thisform.combo_data.Value)
expuf=Thisform.Combo_uf.Value

```

```

IF used("pep0010")
sele pep0010
ELSE
use pep0010 shared
ENDIF

```

```

copy to (disco+"puf0010") FOR
cod_uf=expuf
use

```

```

IF used("pep0020")
sele pep0020
ELSE
use pep0020 shared
ENDIF

```

```

copy to (disco+"puf0020") FOR
cod_uf=expuf
use

```

```

IF used("pep0030")
sele pep0030
ELSE
use pep0030 shared
ENDIF

```

```

copy to (disco+"puf0030") FOR
cod_uf=expuf and pesquisa=expdata
use

```

```

IF used("pep0040")
sele pep0040
ELSE
use pep0040 shared
ENDIF

```

```

copy to (disco+"puf0040") FOR
cod_uf=expuf and pesquisa=expdata
use

```

```

IF used("pep0050")
sele pep0050
ELSE
use pep0050 shared
ENDIF

```

```

copy to (disco+"puf0050") FOR
cod_uf=expuf
use

```

```

IF used("pep0060")
sele pep0060
ELSE
use pep0060 shared
ENDIF

```

```

copy to (disco+"puf0060") FOR
cod_uf=expuf and pesquisa=expdata
use

```

```

IF used("pep0070")
sele pep0070
ELSE
use pep0070 shared
ENDIF

```

```

copy to (disco+"puf0070") FOR
cod_uf=expuf and pesquisa=expdata
use

```

```

IF used("pep0080")
sele pep0080
ELSE
use pep0080 shared

```

```

    ENDIF
    copy to (disco+"puf0080") FOR
cod_uf=expuf and pesquisa=expdata
    use

    Thisform.release
ENDPROC
procedure Cancela.Valid
    Thisform.release
ENDPROC
Top = 179
Left = 353
Height = 45
Width = 88
Picture = IMAGENS\HELP.bmp
Caption = ""
HelpContextID = 31030
TabIndex = 12
ToolTipText = "Auxílio"
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 31030 IN Screen
ENDPROC
BackStyle = 0
Caption = "UF - "
Height = 18
Left = 48
Top = 36
Width = 33
Name = "Label4"
ColumnCount = 2
ColumnWidths = "30,175"
RowSourceType = 6
RowSource = "Par0010.Uf,Denominacao"
FirstElement = 1
Height = 24
Left = 204
NumberOfElements = 0
Top = 33
Width = 229
Name = "Combo_UF"
BackStyle = 0
Caption = "Data de Referência:"
Height = 18
Left = 48
Top = 72
Width = 157
Name = "Label5"
Alignment = 0
RowSourceType = 3
RowSource = "select distinct pesquisa from
PEP0040 order by pep0040.pesquisa DESC
into cursor datapesq"
DisplayValue = 1
Value = (datapesq)
ControlSource = " "
Height = 24
Left = 204
Sorted = .f.
Top = 69
Visible = .T.
Width = 115
Name = "Combo_Data"
procedure Valid

ENDPROC
procedure Init

ENDPROC
procedure Click

ENDPROC

```

```

BackStyle = 0
Caption = "Destino"
Height = 18
Left = 48
Top = 108
Width = 133
Name = "Label1"
ColumnCount = 1
ColumnWidths = "60"
RowSourceType = 1
RowSource = "A.;B:"
DisplayValue = 1
FirstElement = 1
Height = 24
Left = 204
NumberOfElements = 0
Top = 102
Width = 61
Name = "DISCO"

```

1.7 EXTFE.PRG

```

*****
*****
*
* Procedure File EXTFE.PRG
*
*
*
*
*
*
* Visual FoxPro Formatting wizard version
.03
*****
* EXTFE
*****
*****
*****

```

1.8 FUNCTION EXTFE(pFE)

```

*--
*-- Recebe um código de fonte de energia
*-- Retorna sua interpretação
*--
do CASE

CASE pFE = "A"
    RETURN 'Álcool'
CASE pFE = "D"
    RETURN 'Diesel'
CASE pFE = "E"
    RETURN 'Elétrico'
CASE pFE = "G"
    RETURN 'Gasolina'
CASE pFE = "R"
    RETURN 'Ar Comprimido'
CASE pFE = "N"
    RETURN 'Não utiliza energia'
CASE pFE = "O"
    RETURN 'Outras fontes'
OTHERWISE
    RETURN 'Erro na função extFE'

```

```

ENDCASE
* -----
ENDFUNC
*****

```

1.9 FABRICAN.SCX

```

Left = 10
Top = 269
Width = 400
Height = 111
Name = "Dataenvironment"
Alias = "eqp0041"
BufferModeOverride = 5
Order = "ifabric"
Database = sicro.dbc
CursorSource = "eqp0041"
Name = "Cursor1"
ScaleMode = 3
Height = 166
Width = 538
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "FABRICANTES"
Visible = .f.
HelpContextID = 20010
icon = dner02.ico
LockScreen = .f.
Name = "FABRICAN"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Tabela de Nome de
Fabricantes"
Label1.Width = 370
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 8
Shape1.Top = 42
Shape1.Width = 523
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 8
Shape2.Top = 43
Shape2.Width = 523
Shape2.Name = "Shape2"
Shape3.Left = 8
Shape3.Top = 105
Shape3.Width = 523
Shape3.Name = "Shape3"
Shape4.Left = 8
Shape4.Top = 106
Shape4.Width = 523
Shape4.Name = "Shape4"
procedure Destroy
    sele eqp0041
    use eqp0041 exclusive
    pack
    reindex
    use eqp0041 shared
ENDPROC
Caption = "Fabricante:"
Left = 10
Top = 66
Visible = .T.
Width = 54
Name = "LBLFABRICANTE1"
Value = caterpillar
ControlSource = "eqp0041.fabricante"
Enabled = .f.

```

```

InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 84
Top = 62
Visible = .T.
Width = 255
Name = "FABRICANTE1"
Top = 124
Left = 8
Width = 522
Height = 24
Name = "Botoes"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 9
Left = 484
Height = 26
Width = 28
Picture = IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 20010 IN Screen
ENDPROC
Top = 54
Left = 450
Height = 40
Width = 65
Picture = IMAGENS\browse.bmp
Caption = "Listagem"
Name = "CmdLista"
procedure Click
do form impressa with "Reqp0041"
ENDPROC

*****

1.10 FORMS\BEHINDSC.SCX

Left = 104
Top = 185
Width = 608
Height = 247
InitialSelectedAlias = "behindsc"
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "behindsc"
Order = "screen_top"
CursorSource = ..\data\behindsc.dbf
Name = "Cursor1"
ScaleMode = 3
Top = 4
Left = 8
Height = 333
Width = 609
DoCreate = .T.
BufferMode = 0
AutoCenter = .f.
BackColor = 192,192,192
ForeColor = 0,0,0
Caption = "Behind the Scenes"
MinWidth = 0
ccurrentform =
ctoolbar =

```

```

lallowedits = .f.
lallownew = .f.
lallowdelete = .f.
Name = "frmbehindsc"
procedure refreshfeatures
Thisform.LockScreen = .T.

*-- Display the explanation of the feature.
Thisform.edtFeatureText.Refresh()

Thisform.cmdCode.Enabled =
!empty(behindsc.code_to_sh)
Thisform.LockScreen = .f.

ENDPROC
procedure getfilename
*-- Extract file name
LPARAMETER tcString
RETURN Left(tcString, AT(",", tcString) -
1)

ENDPROC
procedure getmethod
*-- Extract method name
LPARAMETER tcString
LOCAL lcMethod
lcMethod = ALLT(SUBSTR(tcString,
AT(",", tcString, 2) + 1))

IF Left(lcMethod, 1) = "("
*-- More than 1 method is specified
lcMethod = SUBSTR(lcMethod, 2,
LEN(lcMethod) - 2)
ENDIF

RETURN lcMethod

ENDPROC
procedure showcode
LOCAL lnOldArea ;
lnOldRec ;
lnNumSnips ;
lcTextFileName ;
lnFileHandle ;
lnCounter ;
lcThisLine ;
laFileTypes[1, 2] ;
lcFileType ;
lcFileName ;
lcObject ;
lcMethod ;
lcStoredProcFileName ;
lcStoredProcs

DIMENSION laFileTypes[4, 2]
laFileTypes[1,1] = "FORM"
laFileTypes[1,2] = "SCX"
laFileTypes[2,1] = "CLASS LIBRARY"
laFileTypes[2,2] = "VCX"
laFileTypes[3,1] = "PROGRAM"
laFileTypes[3,2] = "PRG"
laFileTypes[4,1] = "STORED PROCS"
laFileTypes[4,2] = "DBC"

#DEFINE PADDING 15

lnOldArea = SELECT()
lnOldRec = RECNO()

*-- Extract memo strings into array
lnNumSnips =
MEMLINES(behindsc.code_to_sh)

*-- create text file handle
lcTextFileName = 'SNIPPETS.TXT'

```

```

lnFileHandle =
FCREATE(lcTextFileName)

FOR lnCounter = 1 to lnNumSnips
IF used("showmeth")
use IN showmeth
ENDIF

*-- Current line in behindsc.code_to_sh
lcThisLine =
ALLT(UPPER(MLINE(behindsc.code_to_sh,
lnCounter)))

IF empty(lcThisLine)
LOOP
ENDIF

=FPUTS(lnFileHandle, CRLF +
REPLICATE(" ", 60))

lcFileName =
Thisform.getfilename(lcThisLine)
IF !file(lcFileName)
=FPUTS(lnFileHandle, CRLF +
lcFileName + LOWERNOTFOUND_LOC)
LOOP
ENDIF

*-- Look up the extension in the
laFileTypes array, and return
*-- the full file type description
lcFileType = ;
laFileTypes[ASUBS(laFileTypes,
ASCAN(laFileTypes, RIGHT(lcFileName,
3)), 1), 1]

*-- Write file type and name to text file
=FPUTS(lnFileHandle, ;
PADR(lcFileType + ":", PADDING, "
") + LOWER(lcFileName))

*-- Special PRG processing
IF lcFileType = "PROGRAM"
Thisform.ExtractPRG(lnFileHandle,
lcFileName)
LOOP
ENDIF

lcObject =
Thisform.GetObject(lcThisLine)
lcMethod =
Thisform.getmethod(lcThisLine)

*-- Special stored procedure processing
*-- For now, we assume all stored procs
are surrounded by 'FUNC...ENDFUNC'
IF lcFileType = "STORED PROCS"
IF lcObject = "*"

Thisform.ExtractAllStoredProcs(@lnFileHan
dle, lcTextFileName)
ELSE
lcStoredProcFileName = "sproc.txt"
lcStoredProcs =
Thisform.ProcsToMem(lcStoredProcFileNam
e)
IF AT(",", lcObject) > 0

Thisform.ExtractMultiStoredProcs(lnFileHan
dle, lcObject, lcStoredProcs)
ELSE

Thisform.ExtractStoredProc(lnFileHandle,
lcObject, lcStoredProcs)
ENDIF
DELETE file
(lcStoredProcFileName)

```

```

        ENDIF
        LOOP
    ENDIF

    *-- Open the file containing the method
    or property we want to extract
    use (lcFileName) AGAIN IN 0 Alias
    showmeth NOUPDATE
    SELECT showmeth

    *-- Write object name to text file
    IF NOT empty(lcObject)
        *-- Locate the record in the
    SCX/VCX
        LOCATE FOR UPPER(objname) =
    lcObject
        IF FOUND()
            =FPUTS(InFileHandle,
    PADR("CLASS:", PADDING, " ") +
    LOWER(showmeth.class))
            =FPUTS(InFileHandle,
    PADR("OBJECT:", PADDING, " ") +
    LOWER(lcObject))
        ELSE
            =FPUTS(InFileHandle,
    PADR("OBJECT:", PADDING, " ") +
    lcObject + " was not found")
        LOOP
    ENDIF
    ENDIF

    IF NOT empty(showmeth.properties)
        *-- Extract property value and write it
    into text file
        =FPUTS(InFileHandle, PADR(CRLF
    + "PROPERTIES:", PADDING, " "))

    Thisform.ExtractAllProperties(InFileHandle)
    ENDIF

    IF NOT empty(lcMethod)
        *-- All Methods
        =FPUTS(InFileHandle,
    PADR("METHODS:", PADDING, " "))
        IF lcMethod = "*"

    Thisform.ExtractAllMethods(InFileHandle)
    ELSE
        IF AT(", ", lcMethod) > 0

    Thisform.ExtractMultiMethods(InFileHandle,
    lcMethod)
        ELSE

    Thisform.ExtractMethod(InFileHandle,
    lcMethod)
    ENDIF
    ENDIF
    ENDIF
    =FPUTS(InFileHandle, CRLF)
    ENDFOR

    IF used("showmeth")
        use IN showmeth
    ENDIF

    =FCLOSE(InFileHandle)

    CREATE CURSOR viewcode (code M)
    APPEND BLANK
    APPEND MEMO code FROM
    (lcTextFileName)
    do form viewcode with
    Thisform.DataSessionID
    use IN viewcode

    IF NOT empty(InOldArea)
        SELECT (InOldArea)
        GOTO InOldRec
    ENDIF

    RETURN

    ENDPROC
    procedure GetObject
    LPARAMETERS tcString
    LOCAL InStartWord, ;
    InEndWord

    InStartWord = AT(", ", tcString, 1) + 1
    IF Left(LTRIM(SUBSTR(tcString,
    InStartWord)), 1) = "("
        InStartWord = AT("(", tcString) + 1
        InEndWord = AT(")", tcString)
    ELSE
        InEndWord = AT(", ", tcString, 2)
    ENDIF

    RETURN ALLT(SUBSTR(tcString,
    InStartWord, InEndWord - InStartWord))

    ENDPROC
    procedure ExtractMethod
    LPARAMETER tnFileHandle, tcMethod

    LOCAL InMemoLength, ;
    InMethStartPos, ;
    lcMethod, ;
    InLine, ;
    lcOutputString

    InMemoLength =
    LEN(showmeth.methods)
    InMethStartPos = ATC("PROCEDURE " +
    tcMethod, showmeth.methods)

    IF InMethStartPos = 0
        lcMethod = TAB + tcMethod + " not
    found in " + dbf()
        RETURN
    ELSE
        InMethEndPos = ATC(CRLF +
    "ENDPROC" , SUBSTR(showmeth.methods,
    InMethStartPos))

        IF InMethEndPos = 0 && Last proc in
    Method Memo
            InMethEndPos = InMemoLength -
    InMethStartPos
        ENDIF

        lcMethod =
    SUBSTR(showmeth.methods,
    InMethStartPos, InMethEndPos)
    ENDIF

    FOR InLine = 1 to MEMMLINES(lcMethod)
        lcOutputString = ""
        IF BETWEEN(InLine, 1,
    MEMMLINES(lcMethod))
            lcOutputString = TAB
        ENDIF

        =FPUTS(tnFileHandle, lcOutputString +
    MLINE(lcMethod, InLine))
    ENDFOR
    enddo

    =FPUTS(tnFileHandle, CRLF)
    ENDPROC

    procedure ExtractAllMethods
    LPARAMETERS tnFileHandle
    LOCAL lcMethods, ;
    InNextMethod, ;
    lcThisMethod, ;
    InLine, ;
    lcOutputString

    IF empty(showmeth.methods)
        RETURN ""
    ENDIF

    lcMethods = LTRIM(showmeth.methods)

    do while !empty(lcMethods)
        InNextMethod = ATC("PROCEDURE",
    lcMethods, 2)
        IF InNextMethod = 0
            InNextMethod = LEN(lcMethods)
        ENDIF
        lcThisMethod = Left(lcMethods,
    InNextMethod - 1)

        *-- Cut the current method
        lcMethods = SUBSTR(lcMethods,
    InNextMethod)

        *-- Print the method to the text file
        FOR InLine = 1 to
    MEMMLINES(lcThisMethod)
            lcOutputString = ""
            IF BETWEEN(InLine, 1,
    MEMMLINES(lcThisMethod))
                lcOutputString = TAB
            ENDIF

            =FPUTS(tnFileHandle, lcOutputString +
    MLINE(lcThisMethod, InLine))
        ENDFOR
    enddo
    ENDPROC

    procedure ExtractAllProperties
    LPARAMETERS tnFileHandle
    LOCAL InLine

    IF empty(showmeth.properties)
        RETURN ""
    ENDIF

    FOR InLine = 1 to
    MEMMLINES(showmeth.properties)
        =FPUTS(tnFileHandle, TAB +
    MLINE(showmeth.properties, InLine))
    ENDFOR

    ENDPROC
    procedure ExtractPRG
    LPARAMETERS tnOutFileHandle,
    tcFileName

    LOCAL InFileHandle

    tcFileName = "PROGS\" + tcFileName

    InFileHandle = FOPEN(tcFileName)
    IF InFileHandle = -1
        =FPUTS(tnOutFileHandle, "Could not
    open: " + tcFileName)
        RETURN
    ENDIF

    do while !FEOF(InFileHandle)
        =FPUTS(tnOutFileHandle,
    FGGETS(InFileHandle))
    enddo

```

```

=FCLOSE(lnFileHandle)
RETURN

ENDPROC
procedure ExtractMultiMethods
  LPARAMETERS tnFileHandle, tcMethods

  LOCAL lcMethods, ;
    lcThisMethod, ;
    lnNextMethod

  lcMethods = tcMethods

  do while !empty(lcMethods)
    lnNextMethod = AT(",", lcMethods)
    IF lnNextMethod = 0
      lnNextMethod = LEN(lcMethods)
      lcMethods = lcMethods + " "
    ENDIF
    lcThisMethod = ALLT(Left(lcMethods,
lnNextMethod - 1))

    *-- Cut the current method
    lcMethods = SUBSTR(lcMethods,
lnNextMethod + 1)
    Thisform.ExtractMethod(tnFileHandle,
lcThisMethod)
  enddo

ENDPROC
procedure ExtractAllStoredProcs
  LPARAMETERS tnOutFileHandle,
tcTextFileName

  =FCLOSE(tnOutFileHandle)

  *-- We assume the database is open
  copy PROCEDURES to (tcTextFileName)
  ADDITIVE
  tnFileHandle = FOPEN(tcTextFileName)

  RETURN

ENDPROC
procedure ExtractStoredProc
  LPARAMETER tnFileHandle,
tcProcToShow, tcStoredProc

  LOCAL lnProcLength, ;
    lnProcStartPos, ;
    lnProcEndPos, ;
    lcProc, ;
    lnLine, ;
    lcOutputString

  lnProcLength = LEN(tcStoredProc)
  lnProcStartPos = ATC("FUNCTION " +
tcProcToShow, tcStoredProc)

  IF lnProcStartPos = 0
    lcProc = TAB + tcProcToShow + " not
found in " + dbc()
  RETURN
  ELSE
    lnProcEndPos = ATC(CRLF +
"ENDFUNC" , SUBSTR(tcStoredProc,
lnProcStartPos))

    IF lnProcEndPos = 0 && Last func
      lnProcEndPos = lnProcLength -
1
    ENDIF

    lcProc = SUBSTR(tcStoredProc,
lnProcStartPos, lnProcEndPos)
  ENDIF

  FOR lnLine = 1 to MEMLINES(lcProc)
    lcOutputString = ""
    IF BETWEEN(lnLine, 1,
MEMLINES(lcProc))
      lcOutputString = TAB
    ENDIF

    =FPUTS(tnFileHandle, lcOutputString +
MLINE(lcProc, lnLine))
  ENDFOR

  =FPUTS(tnFileHandle, CRLF)

ENDPROC
procedure ExtractMultiStoredProcs
  LPARAMETER tnFileHandle, tcProcs,
tcStoredProc

  LOCAL lcProcs, ;
    lcThisProc, ;
    lnNextProc

  lcProcs = tcProcs

  do while !empty(lcProcs)
    lnNextProc = AT(",", lcProcs)
    IF lnNextProc = 0
      lnNextProc = LEN(lcProcs)
      lcProcs = lcProcs + " "
    ENDIF
    lcThisProc = ALLT(Left(lcProcs,
lnNextProc - 1))

    *-- Cut the current proc
    lcProcs = SUBSTR(lcProcs, lnNextProc +
1)
    Thisform.ExtractStoredProc(tnFileHandle,
lcThisProc, tcStoredProc)
  enddo

ENDPROC
procedure ProcsToMem
  LPARAMETERS tcStoredProcFileName
  LOCAL lnFileHandle, ;
    lnFileSize, ;
    lcStoredProcs

  copy PROCEDURES to
(tcStoredProcFileName)
  lnFileSize =
FileSize(tcStoredProcFileName) && IN
UTILITY.PRG
  lnFileHandle =
FOPEN(tcStoredProcFileName)
  =FSEEK(lnFileHandle, 0)
  lcStoredProcs = FREAD(lnFileHandle,
lnFileSize)
  =FCLOSE(lnFileHandle)

  RETURN lcStoredProcs
ENDPROC
procedure Destroy
  LOCAL i

  tsBaseForm::Destroy()
  Thisform.RemoveFromMenu()

  IF WEXIST("SNIPPETS.TXT")
    release WINDOW "SNIPPETS.TXT"
  ENDIF
  IF file("SNIPPETS.TXT")
    DELETE file "SNIPPETS.TXT"
  ENDIF

  IF TYPE("oApp.oToolbar") == "O"
    oApp.oToolbar.cmdBehindSC.Enabled
= .T.
  ENDIF

  *-- Ensure all references are released, or
we'll
  *-- have objects hanging around that we no
longer
  *-- need
  FOR i = 1 to
ALEN(Thisform.aObjSplitMove)
    Thisform.aObjSplitMove[i] = .NULL.
  ENDFOR
ENDPROC
procedure Init
  *-- (c) Microsoft Corporation 1995

  LPARAMETERS tlModal
  Thisform.WindowType = IIF(tlModal, 1,
0)

  IF TYPE("oApp.oToolbar") == "O"
    oApp.oToolbar.cmdBehindSC.Enabled
= .f.
  ENDIF

  LOCAL lnFormIndex, ;
    lcValue

  tsBaseForm::Init()
  Thisform.AddToMenu()

  SELECT DISTINCT screen_id ;
  FROM behindsc ;
  WHERE screen_id <> "*" ;
  Order BY screen_id ;
  INTO ARRAY Thisform.aForms

  DIMENSION Thisform.aForms[_tally + 1]
  =AINS(Thisform.aForms, 1)
  Thisform.aForms[1] = "All"

  Thisform.cboForms.RowSource =
"thisform.aForms"

  *-- Load an array with references to those
controls
  *-- that need to be moved when the splitter
control
  *-- is repositioned
  DIMENSION this.aObjSplitMove[3]
  this.aObjSplitMove[1] =
Thisform.lstFeatures
  this.aObjSplitMove[2] =
Thisform.edtFeatureText
  this.aObjSplitMove[3] =
Thisform.lblHowItWorks

  *-- Set a filter to set the scope to features
on the current screen.
  IF SEEK(this.ccurrentform, "behindsc")
    lcValue = this.ccurrentform
    set FILTER to screen_id = "&lcValue"
  ELSE
    set FILTER to screen_id <> "*"
  ENDIF

  GO Top IN behindsc

  lnFormIndex = ASCAN(Thisform.aForms,
this.ccurrentform)

  Thisform.cboForms.Value =
IIF(lnFormIndex = 0, 1, lnFormIndex)

```

```

ENDPROC
procedure Load
  LOCAL lcForm
  IF FormsIsObject()
    lcForm = _screen.Activeform.Caption
    *-- Special handling for Order History
    and forms that
    *-- support multiple instances
    IF ":" $ lcForm
      lcForm = Left(lcForm, AT(":",
lcForm) - 1)
    ELSE
      IF "HISTORY" $ UPPER(lcForm)
        lcForm = Left(lcForm, AT(" ",
lcForm, 2) - 1)
      ENDIF
    ENDIF
    Thisform.ccurrentform = lcForm
  ENDIF

  IF empty(Thisform.ccurrentform) OR ;
    Thisform.ccurrentform =
    _screen.Caption
    Thisform.ccurrentform = "No starting
form"
  ENDIF

ENDPROC
procedure refreshform
  Thisform.LockScreen = .T.
  Thisform.Refresh()
  Thisform.cmdCode.Enabled =
!empty(behindsc.code_to_sh)
  Thisform.LockScreen = .f.

ENDPROC
RowSourceType = 5
RowSource = ""
Height = 21
Left = 10
Style = 2
TabIndex = 1
Top = 10
Width = 291
Name = "cboForms"
procedure InteractiveChange
  LOCAL lcValue

  Thisform.lblContext.Visible = (this.Value
= 1)
  Thisform.txtContext.Visible =
Thisform.lblContext.Visible

  do CASE
CASE this.Value <> 1      && 1 is the
"All Screens" case
  set Order to screen_top    && Order: by
Screen and Topic

  lcValue = Thisform.aForms[this.Value]
  set FILTER to screen_id = "lcValue"

  IF !EVAL(FILTER())      && Not
pointing to a valid record within filter scope
    LOCATE
  ENDIF

CASE this.Value = 1      && All forms
  set FILTER to screen_id <> "*"
  set Order to topic      && Order: Alpha
by Topic

ENDCASE

```

```

Thisform.LockScreen = .T.
Thisform.refreshfeatures()
Thisform.lstFeatures.Requery()

*-- Redisplay the list of topics
Thisform.edtFeatureText.Refresh()
Thisform.LockScreen = .f.

ENDPROC
procedure ProgrammaticChange
  this.InteractiveChange()
ENDPROC
FontBold = .f.
FontName = "Arial"
Alignment = 0
BackColor = 192,192,192
BackStyle = 1
Caption = "Desi\<gn Feature"
ForeColor = 0,0,0
Height = 17
Left = 10
Top = 40
Width = 104
TabIndex = 2
Name = "lblSelectFeature"
ColumnCount = 1
ColumnWidths = "1000"
RowSourceType = 6
RowSource = "LTRIM(behindsc.topic)"
Value = Listbox1
ControlSource = ""
Height = 208
Left = 10
NumberOfElements = 0
TabIndex = 3
Top = 60
Width = 294
Name = "lstFeatures"
procedure Requery
  this.ListIndex = 1
ENDPROC
procedure InteractiveChange
  Thisform.refreshfeatures()
  Thisform.txtContext.Refresh()

ENDPROC
procedure Move
  this.Width =
Thisform.ctlSplitter.GetLeftEdge() - this.Left

ENDPROC
FontBold = .f.
FontName = "Arial"
Alignment = 0
BackColor = 192,192,192
BackStyle = 1
Caption = "How I\<t Works"
ForeColor = 0,0,0
Height = 17
Left = 310
Top = 40
Width = 97
TabIndex = 4
Name = "lblHowItWorks"
procedure Move
  this.Left = Thisform.edtFeatureText.Left

ENDPROC
FontBold = .f.
BackColor = 192,192,192
BorderStyle = 1
Height = 208
Left = 310
ReadOnly = .T.
ScrollBars = 2
TabIndex = 5

```

```

Top = 60
Width = 294
ControlSource = "behindsc.desc"
Name = "edtFeatureText"
procedure Move
  this.Left =
Thisform.ctlSplitter.GetRightEdge()
  this.Width = Thisform.ctlSplitter.Width -
Thisform.ctlSplitter.GetLeftEdge() + 5
ENDPROC
Top = 270
Left = 10
Width = 593
Height = 20
TabIndex = 9
Name = "ctlSplitter"
shpGuide.Name = "shpGuide"
shpHandle.Name = "shpHandle"
cmdLfScroll.Name = "cmdLfScroll"
cmdRtScroll.Name = "cmdRtScroll"
Top = 296
Left = 96
Height = 25
Width = 101
cancel = .T.
Caption = "<Close"
Enabled = .T.
MousePointer = 0
TabIndex = 6
Name = "cmdClose"
procedure Click
  IF WEXIST("ShowMeth")
    release WINDOW "ShowMeth"
  ENDIF

  release Thisform

ENDPROC
Top = 296
Left = 276
Height = 25
Width = 101
Caption = "Co\<de"
TabIndex = 7
ToolTipText = "Show method code for
selected feature"
Name = "cmdCode"
procedure Click
  Thisform.WaitMode(.T.)
  Thisform.showcode()
  Thisform.WaitMode(.f.)
ENDPROC
Top = 296
Left = 451
Height = 25
Width = 101
Caption = "Case \<Study"
Enabled = .T.
MousePointer = 0
TabIndex = 8
Name = "cmdCaseStudy"
procedure Click
  do form casestudy
ENDPROC
ControlSource = "behindsc.screen_id"
Enabled = .f.
Height = 22
Left = 420
ReadOnly = .T.
TabIndex = 10
TabStop = .f.
Top = 10
Visible = .f.
Width = 181
Name = "txtContext"
Caption = "Context"

```

```

Height = 22
Left = 306
Top = 10
Visible = .f.
Width = 106
TabIndex = 11
Name = "lblContext"
FORMS\CASESTDY.FRX

```

1.11 FORMS\CASESTDY.SCX

```

Left = 100
Top = 196
Width = 600
Height = 250
InitialSelectedAlias = "behindsc"
Name = "Dataenvironment"
procedure BeforeOpenTables
    set talk off
    set exclusive off
ENDPROC
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "behindsc"
CursorSource = ..\data\behindsc.dbf
Name = "Cursor1"
DataSession = 2
ScaleMode = 3
Top = 17
Left = 25
Height = 341
Width = 578
DoCreate = .T.
BufferMode = 0
AutoCenter = .f.
BackColor = 192,192,192
BorderStyle = 3
Caption = "Case Study"
MinHeight = 200
MinWidth = 400
WindowType = 1
lallowedits = .f.
ctoolbar =
lallownew = .f.
lallowdelete = .f.
Name = "frmcasestudy"
edtText.ControlSource = "behindsc.desc"
edtText.Name = "edtText"
cmdClose.Name = "cmdClose"
cmdPrint.TabIndex = 3
cmdPrint.Name = "cmdPrint"
procedure Load
    *-- (c) Microsoft Corporation 1995

    =SEEK("*Case Study", Alias(),
"screen_id")

ENDPROC
procedure cmdPrint.Click
    LOCAL InAnswer
    InAnswer =
MESSAGEBOX(VIEWCSDTYPRINT_LOC
, ;
    MB_ICONQUESTION + MB_YESNO,
;
    TASTRADE_LOC)
    IF InAnswer = IDYES
        Thisform.WaitMode(.T.)
        IF PRINTSTATUS()
            wait WINDOW NOWAIT
PRINTING_LOC
            REPORT form casestdy to PRINTER
NOCONSOLE

```

```

ELSE
=MESSAGEBOX(PRINTERNOTREADY_L
OC, MB_ICONEXCLAMATION)
ENDIF
wait CLEAR
Thisform.WaitMode(.f.)
ENDIF
ENDPROC

```

1.12 FORMS\IMPRESSA.SCX

```

Name = "Dataenvironment"
Height = 251
Width = 486
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "Controle de Impressão"
HelpContextID = 11000
icon = ..\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "IMPRESSA"
procedure Init
    parameters rel,cond
    IF parameters(<1
        Thisform.release
    ELSE
        Thisform.relatorio=rel
    ENDIF
    IF parameters(<2
        Thisform.condicao=".t."
    ELSE
        Thisform.condicao=cond
    ENDIF
ENDPROC
Enabled = .f.
Height = 24
Left = 303
Top = 128
Visible = .f.
Width = 113
Name = "Arquivo"
BackStyle = 0
Caption = "Nome do Arquivo :"
Height = 18
Left = 183
Top = 131
Visible = .f.
Width = 121
Name = "nomearq"
AutoSize = .f.
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 55
Left = -24
Top = 173
Width = 324
Name = "OP"
Command1.AutoSize = .f.
Command1.Top = 5
Command1.Left = 81
Command1.Height = 45
Command1.Width = 89
Command1.Picture = ..\IMAGENS\ok.bmp
Command1.Caption = "Executa"
Command1.ToolTipText = "Executa o
relatório na forma selecionada"
Command1.TerminateRead = .T.

```

```

Command1.Name = "OK"
Command2.AutoSize = .f.
Command2.Top = 5
Command2.Left = 230
Command2.Height = 45
Command2.Width = 89
Command2.Picture =
..\IMAGENS\cancel.bmp
Command2.Caption = "Cancelar"
Command2.ToolTipText = "Cancelar a
execução do relatório"
Command2.TerminateRead = .T.
Command2.Name = "Cancelar"
procedure ok.Valid
    with Thisform
    do CASE
        CASE .opsaida.Value=1
            REPORT form (.relatorio) FOR
EVAL(.condicao) NOCONSOLE to print
prompt
        CASE .opsaida.Value=2
            REPORT form (.relatorio) FOR
EVAL(.condicao) preview
        CASE .opsaida.Value=3
            IF .ascii.Value=1
                REPORT form (.relatorio) FOR
EVAL(.condicao) NOCONSOLE to file
(.Arquivo.Value) ascii
            ELSE
                REPORT form (.relatorio) FOR
EVAL(.condicao) NOCONSOLE to file
(.Arquivo.Value)
            ENDIF
        ENDCASE
        .release
    Endwith
ENDPROC
procedure Cancela.Valid
    Thisform.release
ENDPROC
AutoSize = .T.
ButtonCount = 3
Value = 1
Height = 59
Left = 68
Top = 29
Width = 350
Visible = .T.
Name = "opsaida"
Option1.Picture = ..\IMAGENS\wzprint.bmp
Option1.Caption = "Impressora"
Option1.Value = 1
Option1.Height = 49
Option1.Left = 5
Option1.Style = 1
Option1.ToolTipText = "Executa o relatório
na impressora"
Option1.Top = 5
Option1.Width = 112
Option1.AutoSize = .f.
Option1.Name = "Option1"
Option2.Picture =
..\IMAGENS\wzlocate.bmp
Option2.Caption = "Visualizar"
Option2.Value = 0
Option2.Height = 49
Option2.Left = 119
Option2.Style = 1
Option2.ToolTipText = "Visualiza o relatório
na tela"
Option2.Top = 5
Option2.Width = 112
Option2.AutoSize = .f.
Option2.Name = "Option2"
Option3.Picture = ..\IMAGENS\wzsave.bmp

```



```

Option3.Caption = "Arquivo"
Option3.Value = 0
Option3.Height = 49
Option3.Left = 233
Option3.Style = 1
Option3.ToolTipText = "Grava o relatório em disco"
Option3.Top = 5
Option3.Width = 112
Option3.AutoSize = .f.
Option3.Name = "Option3"
procedure Valid
with Thisform
do CASE
CASE .opsaida.Value=1
.ascii.Visible=.f.
.Arquivo.Enabled=.f.
.Arquivo.Visible=.f.
.nomearq.Enabled=.f.
.nomearq.Visible=.f.
CASE .opsaida.Value=2
.ascii.Visible=.f.
.Arquivo.Enabled=.f.
.Arquivo.Visible=.f.
.nomearq.Enabled=.f.
.nomearq.Visible=.f.
CASE .opsaida.Value=3
.Arquivo.Enabled=.T.
.ascii.Enabled=.T.
.ascii.Visible=.T.
.Arquivo.Visible=.T.
.nomearq.Enabled=.T.
.nomearq.Visible=.T.

```

```

ENDCASE
.Refresh
Endwith

```

```

ENDPROC
Top = 100
Left = 303
Height = 18
Width = 65
Caption = "ASCII"
Enabled = .f.
Visible = .f.
Name = "ascii"
Top = 179
Left = 353
Height = 45
Width = 88
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
HelpContextID = 11000
TabIndex = 12
ToolTipText = "Auxílio"
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 11000 IN Screen
ENDPROC

```

1.13 FORMS\LOGO.SCX

```

Left = 10
Top = 269
Width = 400
Height = 111
Name = "Dataenvironment"
Height = 581
Width = 800
Desktop = .f.
DoCreate = .T.
AutoCenter = .T.
Picture = ..\

```

```

BackColor = 0,0,200
BorderStyle = 0
Caption = ""
Closable = .f.
ControlBox = .f.
HalfHeightCaption = .T.
MaxButton = .f.
MinButton = .f.
Movable = .f.
MaxHeight = -1
MaxWidth = -1
WindowType = 1
WindowState = 2
Name = "sicro"
Top = 12
Left = 312
Height = 23
Width = 23
Interval = 2000
Name = "Tempo"
procedure Timer
Thisform.release
do form login to classeusu
ENDPROC
Picture = ..\IMAGENS\sicro.bmp
Stretch = 1
DragMode = 0
Height = 442
Left = 216
Top = 0
Width = 362
Name = "Image1"

```

1.14 FORMS\MSGPEP.SCX

```

Left = 10
Top = 249
Width = 400
Height = 119
Name = "Dataenvironment"
Height = 299
Width = 498
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
BorderStyle = 3
Caption = "SICRO - MSGPEP01"
HelpContextID = 32020
icon = ..\IMAGENS\dner02.ico
KeyPreview = .f.
WindowType = 1
AlwaysOnTop = .T.
Name = "MSGPEP"
procedure Init
parameters xuf, pCod, pInf, pSup, pVal,
pResp

```

```
pResp = pVal
```

```

IF pVal = -2
Thisform.linha1.Caption = 'Não existem
informações anteriores / no mês, para'
Thisform.linha2.Caption =
'determinação do valor do equipamento'
Thisform.Caption = 'SICRO -
MSGPEP02'
ENDIF

```

```

IF pInf = -3
Thisform.linha1.Caption = 'Não existem
informações anteriores para'
Thisform.linha2.Caption =
'determinação do valor do equipamento'
Thisform.text3.Value = 0

```

```

Thisform.text4.Value = 0
Thisform.Caption = 'SICRO -
MSGPEP03'
ENDIF

```

```
Thisform.Refresh
```

```

set bell to 'Pergunta.wav', 0
?? CHR(7)

```

```

ENDPROC
Picture = ..\IMAGENS\msgbox02.ico
BackStyle = 0
Height = 32
Left = 22
Top = 30
Width = 32
Name = "Image1"
AutoSize = .T.
FontName = "Times New Roman"
FontSize = 16
BackStyle = 0
Caption = "ATENÇÃO"
Height = 27
Left = 91
Top = 11
Width = 103
TabIndex = 0
Name = "Label1"
AutoSize = .f.
FontName = "Times New Roman"
FontSize = 12
BackStyle = 0
Caption = "de aceitação. Informe o valor a ser
considerado."
Height = 22
Left = 91
Top = 70
Width = 339
TabIndex = 0
Name = "linha2"
AutoSize = .f.
FontName = "Times New Roman"
FontSize = 12
BackStyle = 0
Caption = "O valor mínimo encontrado está
fora do intervalo"
Height = 22
Left = 91
Top = 49
Width = 339
TabIndex = 0
Name = "linha1"
Top = 257
Left = 406
Height = 26
Width = 62
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
HelpContextID = 32020
StatusBarText = "Ativa a função de auxílio"
TabIndex = 4
ToolTipText = "Auxílio"
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 32020 IN Screen
ENDPROC
Top = 259
Left = 26
Height = 26
Width = 62
Picture = ..\
Caption = "Corrije"

```

```

StatusBarText = "Considerar o preço
corrijido no valor do item"
TabIndex = 2
ToolTipText = "Corrije"
DisabledForeColor = 128,128,128
Name = "Sim"
procedure Click
  IF !empty(Thisform.text5.Value)
    pResp = Thisform.text5.Value
  ELSE
    pResp = pVal
  ENDIF

  set bell to 'sim.wav', 0
  ?? CHR(7)

  Thisform.release

ENDPROC
Top = 259
Left = 216
Height = 26
Width = 62
Picture = ..\
Caption = "Ignora"
StatusBarText = "Mantem o valor mínimo
pesquisado para o item"
TabIndex = 3
ToolTipText = "Ignora"
DisabledForeColor = 128,128,128
Name = "Command1"
procedure Click
  pResp = pVal
  set bell to 'sim.wav', 0
  ?? CHR(7)

  Thisform.release
ENDPROC
AutoSize = .T.
FontName = "Times New Roman"
FontSize = 12
BackStyle = 0
Caption = "Código da UF:"
Height = 22
Left = 12
Top = 125
Width = 96
TabIndex = 0
Name = "Label3"
AutoSize = .T.
FontName = "Times New Roman"
FontSize = 12
BackStyle = 0
Caption = "Código do Item:"
Height = 22
Left = 12
Top = 161
Width = 107
TabIndex = 0
Name = "Label4"
AutoSize = .T.
FontName = "Times New Roman"
FontSize = 12
BackStyle = 0
Caption = "Limite Superior:"
Height = 22
Left = 240
Top = 161
Width = 109
TabIndex = 0
Name = "Label5"
AutoSize = .T.
FontName = "Times New Roman"
FontSize = 12
BackStyle = 0
Caption = "Limite Inferior:"

```

```

Height = 22
Left = 240
Top = 125
Width = 103
TabIndex = 0
Name = "Label6"
ControlSource = "xuf"
Height = 24
Left = 151
ReadOnly = .T.
TabIndex = 0
Top = 125
Width = 43
Comment = ""
Name = "Text1"
ControlSource = "pCod"
Height = 24
Left = 127
ReadOnly = .T.
TabIndex = 0
Top = 161
Width = 67
Name = "Text2"
ControlSource = "pInf"
Height = 24
InputMask = "999,999,999.99"
Left = 358
ReadOnly = .T.
TabIndex = 0
Top = 125
Width = 116
Name = "Text3"
ControlSource = "pSup"
Height = 24
InputMask = "999,999,999.99"
Left = 358
ReadOnly = .T.
TabIndex = 0
Top = 161
Width = 116
Name = "Text4"
ControlSource = "pResp"
Height = 24
InputMask = "999,999,999.99"
Left = 254
ReadOnly = .f.
TabIndex = 1
Top = 202
Width = 113
Name = "Text5"
AutoSize = .T.
FontName = "Times New Roman"
FontSize = 12
BackStyle = 0
Caption = "Valor do Item:"
Height = 22
Left = 140
Top = 202
Width = 97
TabIndex = 0
Name = "Label7"
BorderColor = 255,255,255
Height = 1
Left = 8
Top = 101
Width = 483
Name = "Shape9"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 8
Top = 102
Width = 483
Name = "Shape10"
BorderColor = 255,255,255
Height = 1

```

```

Left = 8
Top = 238
Width = 483
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 8
Top = 239
Width = 483
Name = "Shape2"

```

L15 FORMS\SOBRE.SCX

```

Name = "Dataenvironment"
Height = 312
Width = 403
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "Sobre o Sicro"
icon = ..\IMAGENS\dner02.ico
Name = "form1"
FontSize = 8
BackStyle = 0
Caption = "SICRO - Sistema de Custos
Rodoviários"
Height = 14
Left = 128
Top = 25
Width = 233
TabIndex = 1
ZOrderSet = 0
Name = "lblAppName"
FontSize = 8
BackStyle = 0
Caption = "Versão: 2.3"
Height = 16
Left = 128
Top = 43
Width = 233
TabIndex = 2
ZOrderSet = 1
Name = "lblVersion"
FontBold = .T.
FontSize = 8
BackStyle = 0
Caption = " Estudos e Consultoria LTDA
para :"
Height = 19
Left = 128
Top = 83
Width = 233
TabIndex = 3
ZOrderSet = 2
Name = "lblTrademark"
FontSize = 8
BackStyle = 0
Caption = "Produto licenciado para:"
Height = 16
Left = 128
Top = 160
Width = 234
TabIndex = 4
ZOrderSet = 3
Name = "lblLicense"
BackColor = 0,128,255
Height = 60
Left = 127
Top = 177
Width = 252
SpecialEffect = 0
ZOrderSet = 4
Name = "shpRectangle"
FontBold = .f.

```

```

FontSize = 8
BackStyle = 0
Caption = "NomeUsuario"
Height = 25
Left = 138
Top = 189
Width = 205
TabIndex = 5
ZOrderSet = 5
Name = "lblUserName"
FontBold = .f.
FontSize = 8
BackStyle = 0
Caption = "Companhia"
Height = 25
Left = 138
Top = 210
Width = 205
TabIndex = 6
ZOrderSet = 6
Name = "lblUserCorp"
FontSize = 8
BackStyle = 0
Caption = "Desenvolvido pela PLANEC-
Planejamento,"
Height = 16
Left = 128
Top = 63
Width = 233
TabIndex = 3
ZOrderSet = 9
Name = "lblCopyright"
FontBold = .T.
FontSize = 8
BackStyle = 0
Caption = " DNER/DG - Gerência de Custos
Rodoviários"
Height = 19
Left = 129
Top = 103
Width = 233
TabIndex = 3
ZOrderSet = 12
Name = "Label1"
Picture = ..\IMAGENS\sicro.bmp
Stretch = 1
BackStyle = 0
Height = 111
Left = 18
Top = 19
Width = 99
ZOrderSet = 13
Name = "imgLogo"
Top = 264
Left = 240
Height = 29
Width = 94
Caption = "OK"
Name = "Command1"
procedure Click
    Thisform.release
ENDPROC

```

1.16 FORMS\TAUX0010.SCX

```

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90

```

```

Alias = "aux0010"
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "aux0010"
ReadOnly = .f.
Name = "Cursor1"
Height = 453
Width = 530
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TAUX0010"
HelpContextID = 20050
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TAUX0010"
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Carta Mensal"
Height = 37
Left = 15
Top = 34
Width = 447
TabIndex = 0
Name = "Label1"
Top = 7
Left = 479
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 2
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 20050 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 15
Top = 14
Width = 301
TabIndex = 0
Name = "Label2"
BackColor = 255,255,255
Height = 1
Left = 9
Top = 66
Width = 512
Name = "Shape1"
BackColor = 128,128,128
BorderStyle = 128,128,128
Height = 1
Left = 9
Top = 67
Width = 512
Name = "Shape2"
AutoSize = .f.
FontName = "Arial"
FontSize = 16
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Comentários sobre o período"
Height = 27
Left = 204
Top = 39
Width = 322
TabIndex = 0

```

```

Name = "Label8"
BackColor = 255,255,255
Height = 1
Left = 9
Top = 105
Width = 512
Name = "Shape9"
BackColor = 128,128,128
BorderStyle = 128,128,128
Height = 1
Left = 9
Top = 106
Width = 512
Name = "Shape10"
Top = 71
Left = 415
Height = 29
Width = 92
Caption = "Fechar"
Enabled = .T.
TabIndex = 3
Name = "Cancela"
procedure Click
    Thisform.release
ENDPROC
AutoSize = .T.
BackStyle = 0
Caption = "Referência:"
Height = 18
Left = 15
Top = 79
Width = 73
TabIndex = 0
Name = "Label3"
Alignment = 0
BoundColumn = 2
ColumnCount = 2
ColumnWidths = "180,0"
RowSourceType = 3
RowSource = 'select
ALLTRIM(emes(pesquisa)) + " de " + STR(
YEAR(aux0010.pesquisa),4), pesquisa from
aux0010 order by aux0010.pesquisa DESC
into cursor datapesq'
DisplayValue = 1
Value = (datapesq)
ControlSource = ""
DragMode = 0
Height = 24
HelpContextID = 20050
Left = 109
Sorted = .f.
TabIndex = 1
Top = 75
Visible = .T.
Width = 180
Name = "Combo_Data"
procedure Click
    sele aux0010
    SEEK ctod(Thisform.combo_data.Value)

    IF FOUND()
        Thisform.edit1.Value = aux0010.carta
    ELSE
        =msg(5)
    ENDIF
ENDPROC
Enabled = .T.
Height = 335
HelpContextID = 20050
Left = 24
ReadOnly = .T.
TabIndex = 0
Top = 112
Width = 481
ControlSource = " "

```

```
Name = "Edit1"
procedure Init
sele aux0010
set Order to ichave DESCENDING
GO Top
Thisform.edit1.Value = aux0010.carta
```

ENDPROC

1.17 FORMS\TAUX0020.SCX

```
Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "aux0010"
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "aux0010"
ReadOnly = .f.
Name = "Cursor1"
Height = 453
Width = 530
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TAUX0020"
HelpContextID = 20060
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TAUX0020"
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Edição da Carta Mensal"
Height = 37
Left = 15
Top = 34
Width = 447
TabIndex = 0
Name = "Label1"
Top = 7
Left = 479
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 4
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 20060 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos Rodoviários"
Height = 18
Left = 15
Top = 14
Width = 301
TabIndex = 0
Name = "Label2"
BackColor = 255,255,255
Height = 1
Left = 9
Top = 66
Width = 512
```

```
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 9
Top = 67
Width = 512
Name = "Shape2"
BackColor = 255,255,255
Height = 1
Left = 9
Top = 105
Width = 512
Name = "Shape9"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 9
Top = 106
Width = 512
Name = "Shape10"
Top = 72
Left = 447
Height = 29
Width = 58
Caption = "Fechar"
Enabled = .T.
TabIndex = 5
Name = "Cancela"
procedure Click
Thisform.release
ENDPROC
AutoSize = .T.
BackStyle = 0
Caption = "Edição:"
Height = 18
Left = 10
Top = 77
Width = 47
TabIndex = 0
Name = "Label3"
Alignment = 0
BoundColumn = 1
ColumnCount = 1
ColumnWidths = "80"
RowSourceType = 3
RowSource = "select pesquisa from aux0010
order by 1 DESC into cursor datapesq"
DisplayValue = 1
Value = (datapesq)
ControlSource = ""
DragMode = 0
Height = 24
Left = 61
Sorted = .f.
TabIndex = 1
Top = 74
Visible = .T.
Width = 110
Name = "Combo_Data"
procedure Init
PUBLIC ultdata, recdata
ultdata =
ctod(Thisform.combo_data.Value)
recdata = ultdata
ENDPROC
procedure Click
Thisform.combo_data.Valid
ENDPROC
procedure Valid
SEEK ctod(Thisform.combo_data.Value)
IF FOUND()
Thisform.edit1.Value = aux0010.carta
```

```
recdata =
ctod(Thisform.combo_data.Value)
ELSE
=msg(5)
Thisform.combo_data.Value =
DTC(ultdata)
ENDIF
ENDPROC
Enabled = .T.
Height = 335
HelpContextID = 20060
Left = 24
ReadOnly = .f.
TabIndex = 0
Top = 112
Width = 481
ControlSource = "aux0010.carta"
Name = "Edit1"
procedure Init
sele aux0010
set Order to ichave DESCENDING
GO Top
Thisform.edit1.Value = aux0010.carta
```

```
ENDPROC
AutoSize = .T.
BackStyle = 0
Caption = "Incluir:"
Height = 18
Left = 286
Top = 77
Width = 44
TabIndex = 0
Name = "Label4"
Alignment = 2
Value = { / / }
Format = "e"
Height = 24
InputMask = ""
Left = 334
TabIndex = 3
Top = 74
Visible = .T.
Width = 78
Name = "datainc"
procedure Valid
private dataw
IF !empty(Thisform.datainc.Value)
IF ultdata > Thisform.datainc.Value
=msg(7)
ELSE
dataw = Thisform.datainc.Value -
day(Thisform.datainc.Value) + 1
Thisform.datainc.Value = dataw
SEEK Thisform.datainc.Value
IF FOUND()
=msg(1)
Thisform.combo_data.Valid
Thisform.datainc.Value = { / / }
ELSE
IF perg('Deseja incluir a carta de
'+DTC(Thisform.datainc.Value), '002') =
.T.
INSERT INTO aux0010
(pesquisa) VALUES
(Thisform.datainc.Value)
Thisform.edit1.Value = "
Thisform.combo_data.Value =
DTC(Thisform.datainc.Value)
Thisform.combo_data.Valid
ENDIF
```

```

        ENDIF
    ENDIF
ELSE
    =msg('6')
    Thisform.datainc.Value = { / / }
ENDIF

ENDPROC
Top = 72
Left = 185
Height = 29
Width = 58
Caption = "Excluir"
Enabled = .T.
TabIndex = 2
Name = "Excluir"
procedure Click
    SEEK ctod(Thisform.combo_data.Value)

    IF FOUND()
        IF perg("Deseja excluir a carta de '+
Thisform.combo_data.Value +'?', '002') = .T.
            set exclusive on
            use aux0010 exclusive
            DELETE FOR aux0010.pesquisa =
ctod(Thisform.combo_data.Value)
            set deleted on
            pack
            reindex

Thisform.combo_data.RowSource='select
pesquisa from aux0010 order by
aux0010.pesquisa '+' ;
            'DESC into cursor datapesq '
            Thisform.combo_data.ListIndex = 1
            GO Top
            Thisform.edit1.Value = aux0010.carta
            Thisform.combo_data.Value =
DTCOC(aux0010.pesquisa)
            Thisform.combo_data.Refresh
            set exclusive off
            use aux0010 shared
            set Order to ichave
        ENDIF
    ELSE
        =msg('5')
        Thisform.combo_data.Value =
DTCOC(recdata)
    ENDIF

    Thisform.combo_data.Requery

ENDPROC

*****

1.18 FORMS\TEQP0200.SCX

Left = 58
Top = 76
Width = 495
Height = 321
Name = "Dataenvironment"
Left = 11
Top = 86
Width = 90
Height = 90
Alias = "eqp0040"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor1"
Left = 153
Top = 182
Width = 90
Height = 90
Alias = "eqp0010"

```

```

Database = ..\sicro.dbc
CursorSource = "eqp0010"
Name = "Cursor2"
ParentAlias = "eqp0010"
RelationalExpr = "classe"
ChildAlias = "eqp0040"
ChildOrder = "i classe"
Name = "Relation1"
Left = 332
Top = 66
Width = 90
Height = 90
Alias = "eqp0020"
Database = ..\sicro.dbc
CursorSource = "eqp0020"
Name = "Cursor3"
ParentAlias = "eqp0010"
RelationalExpr = "classe"
ChildAlias = "eqp0020"
ChildOrder = "i classe"
Name = "Relation2"
Left = 149
Top = 10
Width = 90
Height = 90
Alias = "eqp0030"
Database = ..\sicro.dbc
CursorSource = "eqp0030"
Name = "Cursor4"
ParentAlias = "eqp0020"
RelationalExpr = (classe+linha)
ChildAlias = "eqp0030"
ChildOrder = "iclass_lin"
Name = "Relation3"
Height = 324
Width = 533
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TEQP0200"
HelpContextID = 20080
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TEQP0200"
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Emissão do Catálogo de"
Height = 37
Left = 26
Top = 36
Width = 325
Name = "Label1"
Top = 132
Left = 415
Height = 29
Width = 109
Caption = "Índice"
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "Command1"
procedure Click
    SELECT DISTINCT Eqp0040.*,
Eqp0010.descricao AS desc_classe;
    FROM sicro!Eqp0010,sicro!Eqp0040;
    WHERE Eqp0010.classe =
Eqp0040.classe;
    Order BY Eqp0040.equipamento;
    INTO CURSOR reqp0010

    with Thisform.escopo
    do CASE
    CASE .Value=1

```

```

        do form impressa with "reqp0010"
    CASE .Value=2
        do form impressa with "reqp0010";
EQUIPAMENTO='+'+Thisform.lista.Value
+''''
        CASE .Value=3
            do form impressa with "reqp0010";
classe='+'+Thisform.selec equip.Value+''''
        ENDCASE
    Endwith
    Thisform.Refresh
ENDPROC
Top = 180
Left = 415
Height = 29
Width = 109
Caption = "Dados Básicos"
Name = "Command2"
procedure Click
    SELECT DISTINCT Eqp0040.*,
Eqp0010.descricao AS desc_classe;
    FROM sicro!Eqp0010,sicro!Eqp0040;
    WHERE Eqp0010.classe =
Eqp0040.classe;
    Order BY Eqp0040.equipamento;
    INTO CURSOR reqp0020

    with Thisform.escopo
    do CASE
    CASE .Value=1
        do form impressa with "reqp0020"
    CASE .Value=2
        do form impressa with "reqp0020";
EQUIPAMENTO='+'+Thisform.lista.Value+
''''
        CASE .Value=3
            do form impressa with "reqp0020";
classe='+'+Thisform.selec equip.Value+''''
        ENDCASE
    Endwith
    Thisform.Refresh
ENDPROC
Top = 228
Left = 415
Height = 29
Width = 109
Caption = "Características"
Name = "Command3"
procedure Click
    SELECT DISTINCT Eqp0030.*,
Eqp0010.descricao,
Eqp0020.sequencia,Eqp0020.descricao AS
desc_020;
    Eqp0040.fabricante, Eqp0040.modelo,
Eqp0040.tipo_eqp;
    FROM sicro!Eqp0030, sicro!Eqp0020,
sicro!Eqp0040,sicro!Eqp0010;
    WHERE Eqp0040.equipamento =
Eqp0030.equipamento;
    and Eqp0040.classe = Eqp0010.classe;
    and Eqp0020.classe = Eqp0030.classe;
    and Eqp0020.linha = Eqp0030.linha;
    Order BY Eqp0030.equipamento,
Eqp0020.sequencia;
    INTO CURSOR reqp0030

    sele reqp0030
    with Thisform.escopo
    do CASE
    CASE .Value=1
        do form impressa with "reqp0030"
    CASE .Value=2
        do form impressa with "reqp0030" ,
"EQUIPAMENTO='+'+Thisform.lista.Valu
e+''''

```

```

CASE .Value=3
  do form impressa with "reqp0030" ,
"classse="+"+Thisform.selec equip.Value+"
  ENDCASE
Endwith
Thisform.Refresh
ENDPROC
Top = 258
Left = 26
Height = 29
Width = 109
Caption = "Fechar"
Name = "Cancela"
procedure Click
  Thisform.release
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 26
Top = 12
Width = 301
Name = "Label2"
ButtonCount = 3
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 97
Left = 5
Top = 126
Width = 205
Name = "Escopo"
Option1.BackStyle = 0
Option1.Caption = "Todos os Equipamentos"
Option1.Value = 1
Option1.Height = 20
Option1.Left = 0
Option1.Top = 5
Option1.Width = 205
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Seleção de
Equipamento"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 0
Option2.Top = 36
Option2.Width = 188
Option2.Name = "Option2"
Option3.BackStyle = 0
Option3.Caption = "Classe de Equipamentos"
Option3.Value = 0
Option3.Height = 18
Option3.Left = 0
Option3.Top = 68
Option3.Width = 205
Option3.Name = "Option3"
procedure Valid
  with Thisform
  do CASE
CASE .escopo.Value=1
  .selec equip.Enabled=.f.
  .selec equip.Visible=.f.
  .lista.Enabled=.f.
  .lista.Visible=.f.

CASE .escopo.Value=2
  .selec equip.Enabled=.f.
  .selec equip.Visible=.f.
  .lista.Enabled=.T.
  .lista.Visible=.T.

CASE .escopo.Value=3
  .selec equip.Enabled=.T.

```

```

.selec equip.RowSource="Select
descricao,classe from eqp0010 into cursor
classe"
.selec equip.RowSourceType=3
.selec equip.Visible=.T.
.lista.Enabled=.f.
.lista.Visible=.f.

ENDCASE
.Refresh
Endwith
ENDPROC
FontSize = 20
BackStyle = 0
Caption = "Equipamentos"
Height = 37
Left = 92
Top = 74
Width = 193
Name = "Label3"
BoundColumn = 2
ColumnCount = 0
Enabled = .f.
FirstElement = 1
Height = 24
Left = 184
NumberOfElements = 0
Top = 192
Visible = .f.
Width = 205
Name = "Selec equip"
ColumnCount = 13
ColumnWidths =
"65,40,175,175,75,50,75,55,45,55,55,45"
RowSourceType = 3
RowSource = "select
equipamento,classe,fabricante,modelo,tipo_e
qp,montagem,potencia,fonte_energia,vida_uti
l,coef_k,horas_ano,valor_res,consumo from
eqp0040 into cursor equip"
Enabled = .f.
FirstElement = 1
Height = 73
Left = 184
NumberOfElements = 0
Top = 132
Visible = .f.
Width = 213
Name = "Lista"
Top = 12
Left = 487
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
  HELP ID 20080 IN Screen
ENDPROC
Top = 276
Left = 415
Height = 29
Width = 109
Caption = "Classes"
Name = "CmdClasse"
procedure Click
  do form impressa with "reqp0040"
  Thisform.Refresh
ENDPROC

*****

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Left = 221

```

```

Top = 21
Width = 396
Height = 232
InitialSelectedAlias = "eqp0040"
Name = "Dataenvironment"
Left = 66
Top = 7
Width = 90
Height = 90
Alias = "eqp0040"
BufferModeOverride = 5
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor1"
Left = 204
Top = 123
Width = 90
Height = 90
Alias = "eqp0010"
Database = ..\sicro.dbc
CursorSource = "eqp0010"
Name = "CURSOR2"
ParentAlias = "eqp0040"
RelationalExpr = "classe"
ChildAlias = "eqp0010"
ChildOrder = "iclasse"
Name = "Relation1"
Left = 255
Top = 9
Width = 90
Height = 90
Alias = "eqp0030"
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0030"
Name = "Cursor3"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "eqp0030"
ChildOrder = "iequip"
Name = "Relation2"
Left = 36
Top = 131
Width = 90
Height = 90
Alias = "eqp0050"
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0050"
Name = "Cursor4"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "eqp0050"
ChildOrder = "icomp"
Name = "Relation3"
Left = 20
Top = 250
Width = 95
Height = 90
Alias = "eqpv0030"
Database = ..\sicro.dbc
CursorSource = "eqpv0030"
Name = "Cursor5"
ScaleMode = 3
Height = 292
Width = 614
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TEQP0310"
Visible = .f.
HelpContextID = 20090
icon = ..\IMAGENS\dner02.ico
windowstate = 0
LockScreen = .f.

```

```

Name = "teqp0310"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Catálogo de Equipamentos: 1 - Dados Básicos"
Label1.Left = 22
Label1.Top = 18
Label1.Width = 537
Label1.Name = "Label1"
Shape1.Left = 21
Shape1.Top = 48
Shape1.Name = "Shape1"
Shape2.Left = 21
Shape2.Top = 49
Shape2.Name = "Shape2"
Shape3.Left = 21
Shape3.Top = 243
Shape3.Name = "Shape3"
Shape4.Height = 0
Shape4.Left = 19
Shape4.Top = 245
Shape4.Width = 572
Shape4.Name = "Shape4"
procedure Refresh
    sele Eqp0030
    SEEK Eqp0040.equipamento Order iequip

    Thisform.ch_carac.Value=FOUND()
    Thisform.ch_carac.Refresh

    sele eqp0050
    SEEK Eqp0040.equipamento Order iequip

    Thisform.ch_mont.Value=FOUND()
    Thisform.ch_mont.Refresh

    sele Eqp0040

ENDPROC
procedure Init
    sele Eqp0040

ENDPROC
procedure Activate
    sele Eqp0040
ENDPROC
BackStyle = 0
BorderStyle = 1
BorderWidth = 1
Enabled = .f.
Height = 39
Left = 31
Top = 199
Width = 253
Name = "Shape6"
BackStyle = 0
BorderStyle = 1
BorderWidth = 1
Enabled = .f.
Height = 39
Left = 330
Top = 199
Width = 253
Name = "Shape5"
FontBold = .T.
Caption = "Equipamento:"
Height = 13

Left = 32
Top = 67
Visible = .T.
Width = 79
Name = "LBL EQUIPAMENTO1"
FontBold = .T.
Caption = "Classe:"
Height = 13
Left = 319
Top = 66
Visible = .T.
Width = 39
Name = "LBL CLASSE1"
FontBold = .T.
Caption = "Fabricante:"
Left = 32
Top = 93
Visible = .T.
Width = 64
Name = "LBL FABRICANTE1"
FontBold = .T.
Caption = "Modelo:"
Left = 32
Top = 116
Visible = .T.
Width = 64
Name = "LBL MODELO1"
Value =
ControlSource = "eqp0040.modelo"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 116
Top = 113
Visible = .T.
Width = 255
Name = "MODELO1"
FontBold = .T.
Caption = "Tipo:"
Height = 13
Left = 320
Top = 93
Visible = .T.
Width = 45
Name = "LBL TIPO_EQP1"
Value =
ControlSource = "eqp0040.tipo_eqp"
Enabled = .f.
Height = 21
InputMask = ""
Left = 369
Top = 88
Visible = .T.
Width = 233
Name = "TIPO_EQP1"
FontBold = .T.
Caption = "Potência:"
Left = 204
Top = 142
Visible = .T.
Width = 64
Name = "LBL POTENCIA1"
Alignment = 1
Value = 0
ControlSource = "eqp0040.potencia"
Enabled = .f.
InputMask = "9,999"
Left = 288
Top = 138
Visible = .T.
Width = 42
Name = "POTENCIA1"
AutoSize = .T.
FontBold = .T.
Caption = "Fonte de Energia:"

Height = 16
Left = 342
Top = 140
Visible = .T.
Width = 95
Name = "LBL TIPO_COMB1"
Value =
ControlSource =
"extfe(eqp0040.fonte_energia)"
Enabled = .f.
Height = 21
InputMask = ""
Left = 442
Top = 138
Visible = .T.
Width = 160
Name = "TIPO_COMB1"
FontBold = .T.
Caption = "Vida Útil:"
Height = 12
Left = 496
Top = 169
Visible = .T.
Width = 55
Name = "LBL VIDA_UTIL1"
Alignment = 1
Value = 0
ControlSource = "eqp0040.vida_util"
Enabled = .f.
Height = 21
InputMask = "999.9"
Left = 551
Top = 165
Visible = .T.
Width = 44
Name = "VIDA_UTIL1"
FontBold = .T.
Caption = "Coeficiente K:"
Height = 13
Left = 32
Top = 142
Visible = .T.
Width = 80
Name = "LBL COEF_K1"
Alignment = 1
Value = 0.00000
ControlSource = "eqp0040.coef_k"
Enabled = .f.
InputMask = "999.99999"
Left = 116
Top = 138
Visible = .T.
Width = 72
Name = "COEF_K1"
FontBold = .T.
Caption = "Horas / Ano:"
Left = 204
Top = 169
Visible = .T.
Width = 64
Name = "LBL HORAS_ANO1"
Alignment = 1
Value = 0
ControlSource = "eqp0040.horas_ano"
Enabled = .f.
Height = 21
InputMask = ""
Left = 288
Top = 165
Visible = .T.
Width = 42
Name = "HORAS_ANO1"
FontBold = .T.
Caption = "Valor Residual:"
Height = 13
Left = 342

```

Top = 169
 Visible = .T.
 Width = 84
 Name = "LBLVALOR_RES1"
 Alignment = 1
 Value = 0.00
 ControlSource = "eqp0040.valor_res"
 Enabled = .f.
 InputMask = "999.99"
 Left = 426
 Top = 165
 Visible = .T.
 Width = 60
 Name = "VALOR_RES1"
 FontBold = .T.
 Caption = "Consumo:"
 Left = 32
 Top = 169
 Visible = .T.
 Width = 64
 Name = "LBLCONSUMO1"
 Alignment = 1
 Value = 0.00
 ControlSource = "eqp0040.consumo"
 Enabled = .f.
 InputMask = "99.99"
 Left = 116
 Top = 165
 Visible = .T.
 Width = 48
 Name = "CONSUMO1"
 Top = 211
 Left = 56
 Height = 18
 Width = 17
 FontSize = 8
 AutoSize = .f.
 Alignment = 0
 BackStyle = 0
 Caption = ""
 Comment = ""
 Name = "ch_mont"
 FontSize = 8
 BackStyle = 0
 Caption = "Exibição dos"
 Height = 18
 Left = 81
 Top = 205
 Width = 97
 Name = "Text3"
 FontSize = 8
 BackStyle = 0
 Caption = "Componentes"
 Height = 18
 Left = 80
 Top = 216
 Width = 97
 Name = "Label2"
 Top = 210
 Left = 339
 Height = 18
 Width = 17
 FontSize = 8
 AutoSize = .f.
 Alignment = 0
 BackStyle = 0
 Caption = ""
 Comment = ""
 Name = "ch_carac"
 FontSize = 8
 BackStyle = 0
 Caption = "Visualização das"
 Height = 18
 Left = 366
 Top = 204
 Width = 97

Name = "Label4"
 FontSize = 8
 BackStyle = 0
 Caption = "Características"
 Height = 18
 Left = 367
 Top = 215
 Width = 97
 Name = "Label5"
 FontBold = .f.
 FontSize = 8
 ControlSource = "eqp0040.equipamento"
 Enabled = .f.
 Height = 24
 Left = 116
 Top = 60
 Width = 101
 Name = "Equipamento"
 Top = 252
 Left = 108
 Width = 368
 Height = 27
 Name = "Navega"
 cmdPrev.Name = "cmdPrev"
 cmdNext.Name = "cmdNext"
 cmdTop.Name = "cmdTop"
 cmdEnd.Name = "cmdEnd"
 cmdFind.Name = "cmdFind"
 cmdPrint.Name = "cmdPrint"
 cmdExit.Name = "cmdExit"
 cmdAdd.Name = "cmdAdd"
 cmdDelete.Name = "cmdDelete"
 cmdEdit.Name = "cmdEdit"
 Top = 204
 Left = 462
 Height = 29
 Width = 109
 Caption = "Características"
 Name = "carac"
 procedure Click
 a=Alias()

 IF Thisform.ch_carac.Value = .T.
 do form teqp0421 with "C"
 ENDIF

 sele (a)
 ENDPROC
 Top = 204
 Left = 180
 Height = 29
 Width = 94
 Caption = "Montagem"
 Name = "montagem"
 procedure Click
 a=Alias()

 IF Thisform.ch_mont.Value = .T.
 do form teqp0423 with
 Thisform.equipamento.Value,.f.
 ENDIF

 sele (a)
 ENDPROC
 FontBold = .f.
 FontSize = 8
 ControlSource = "eqp0040.fabricante"
 Enabled = .f.
 Height = 24
 Left = 116
 Top = 87
 Width = 197
 Name = "fabricante"
 FontBold = .f.
 FontSize = 8
 ControlSource = "eqp0010.descricao"

Enabled = .f.
 Height = 24
 Left = 369
 Top = 60
 Width = 233
 Name = "desc_classe"
 Top = 12
 Left = 580
 Height = 26
 Width = 28
 Picture = ..\IMAGENS\HELP.bmp
 Caption = ""
 DisabledForeColor = 128,128,128
 Name = "auxilio"
 procedure Click
 HELP ID 20090 IN Screen
 ENDPROC

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Left = 122
 Top = 72
 Width = 402
 Height = 209
 InitialSelectedAlias = "eqp0010"
 Name = "Dataenvironment"
 Alias = "eqp0010"
 BufferModeOverride = 5
 Order = "iclasse"
 Database = ..\micro.dbc
 CursorSource = "eqp0010"
 Name = "Cursor1"
 Left = 160
 Top = 10
 Width = 90
 Height = 90
 Alias = "eqp0020"
 Database = ..\micro.dbc
 CursorSource = "eqp0020"
 Name = "Cursor2"
 ParentAlias = "eqp0010"
 RelationalExpr = "classe"
 ChildAlias = "eqp0020"
 ChildOrder = "iiclasse"
 Name = "Relation1"
 ScaleMode = 3
 Height = 168
 DoCreate = .T.
 BufferMode = 2
 AutoCenter = .T.
 BackColor = 250,254,197
 Caption = "SICRO - TEQP0410"
 Visible = .f.
 HelpContextID = 20130
 icon = ..\IMAGENS\dner02.ico
 LockScreen = .f.
 Name = "teqp0410"
 layoutsty.Shape1.Name = "Shape1"
 layoutsty.Shape2.Name = "Shape2"
 layoutsty.Shape3.Name = "Shape3"
 layoutsty.Shape4.Name = "Shape4"
 layoutsty.Top = 54
 layoutsty.Left = 4004
 layoutsty.Width = 571
 layoutsty.Height = 205
 layoutsty.Visible = .f.
 layoutsty.Name = "layoutsty"
 Label1.Caption = "Manutenção de Classe de Equipamento"
 Label1.Width = 460
 Label1.Name = "Label1"
 Shape1.Name = "Shape1"
 Shape2.Name = "Shape2"
 Shape3.Top = 112
 Shape3.Name = "Shape3"


```

Shape4.Top = 113
Shape4.Name = "Shape4"
procedure Destroy
  sele Eqp0010
  use Eqp0010 exclusive
  pack
  reindex
  use Eqp0010 shared
ENDPROC
procedure Init
  with Thisform
  IF .tag="G"

    .Botoes.Visible=.T.
    .Botoes.Enabled=.T.
    .Navega.Visible=.f.
    .Navega.Enabled=.f.
  ELSE

    .Botoes.Visible=.f.
    .Botoes.Enabled=.f.
    .Navega.Visible=.T.
    .Navega.Enabled=.T.
  ENDIF
  Endwith
ENDPROC
procedure Load
  this.tag=classeusu

ENDPROC
FontBold = .T.
Caption = "Classe:"
Left = 10
Top = 61
Visible = .T.
Width = 52
Name = "LBLCLASSE1"
Alignment = 3
Value = 2
ControlSource = "eqp0010.classe"
Enabled = .f.
InputMask = "XX"
Left = 82
Top = 55
Visible = .T.
Width = 30
Name = "CLASSE1"
AutoSize = .T.
FontBold = .T.
Caption = "Descrição:"
Left = 10
Top = 84
Visible = .T.
Width = 57
Name = "LBLDESCRIÇÃO1"
Value = dr5ued
ControlSource = "eqp0010.descricao"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 82
Top = 80
Visible = .T.
Width = 255
Name = "DESCRIÇÃO1"
Top = 120
Left = 29
Width = 522
Height = 24
Name = "Botoes"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"

```

```

cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 132
Left = 106
Width = 368
Height = 27
Name = "Navega"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
AutoSize = .f.
Top = 80
Left = 468
Height = 29
Width = 101
Caption = "Características"
Name = "Command1"
procedure Click
  do form teqp0411 with
Thisform.CLASSE1.Value
ENDPROC
Top = 48
Left = 467
Height = 29
Width = 101
Caption = "Índice"
Name = "Command2"
procedure Click
  LOCAL x
  x=Alias()
  do form teqp0412
  sele (x)
ENDPROC
Top = 9
Left = 537
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
  HELP ID 20130 IN Screen
ENDPROC
AutoSize = .f.
FontBold = .T.
Caption = "Taxa anual de impostos /seguro
obrigatório:"
Left = 122
Top = 61
Visible = .T.
Width = 243
Name = "Embossedlabel2"
Alignment = 3
Value = 0.0000
ControlSource = "eqp0010.taxa"
Format = "9.9999"
Height = 24
Left = 372
Top = 55
Width = 87
Name = "Text2"

*****

```

1.21 FORMS\TEQP0411.SCX

```

Left = 0
Top = 0
Width = 792
Height = 451
AutoOpenTables = .T.
AutoCloseTables = .T.
InitialSelectedAlias = "eqp0010"
Name = "Dataenvironment"
Left = 378
Top = 44
Width = 90
Height = 90
Alias = "eqp0010"
BufferModeOverride = 5
Order = "iclasse"
Database = ..\sicro.dbc
CursorSource = "eqp0010"
Name = "Cursor1"
Left = 161
Top = 10
Width = 90
Height = 90
Alias = "eqp0020"
BufferModeOverride = 5
Order = "ilinha"
Database = ..\sicro.dbc
CursorSource = "eqp0020"
Name = "Cursor2"
ParentAlias = "eqp0010"
RelationalExpr = "classe"
ChildAlias = "eqp0020"
ChildOrder = "iiclasse"
Name = "Relation1"
Left = 19
Top = 14
Width = 90
Height = 90
Alias = "eqp0030"
BufferModeOverride = 5
Order = "chave"
Database = ..\sicro.dbc
CursorSource = "eqp0030"
Name = "Cursor3"
ParentAlias = "eqp0020"
RelationalExpr = (classe+linha)
ChildAlias = "eqp0030"
ChildOrder = "iclass_lin"
Name = "Relation2"
Left = 160
Top = 130
Width = 90
Height = 90
Alias = "eqp0040"
BufferModeOverride = 5
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor4"
ParentAlias = "eqp0010"
RelationalExpr = "classe"
ChildAlias = "eqp0040"
ChildOrder = "iclasse"
Name = "Relation3"
ScaleMode = 3
Height = 388
Width = 580
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TEQP0411"
Visible = .f.
HelpContextID = 20140
icon = ..\IMAGENS\dner02.ico

```

```

WindowType = 1
LockScreen = .f.
Name = "TEQP0411"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Características de Classe
de Equipamento"
Label1.Width = 493
Label1.Name = "Label1"
Shape1.Name = "Shape1"
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 342
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 6
Shape4.Top = 343
Shape4.Width = 568
Shape4.Name = "Shape4"
procedure geraeqp30
    sele Eqp0030
    set Order to tag chave
    GO Top
    sele Eqp0040
    GO Top
    scan FOR
    classe=Thisform.CLASSE1.Value

        equipam=equipamento
        classe_eqp=classe

        SELECT DISTINCT
Eqp0040.equipamento,Eqp0020.classe,Eqp00
20.linha ;
            FROM Eqp0020 ,Eqp0040 ;
            WHERE Eqp0020.classe=classe_eqp
;
            and Eqp0040.equipamento=equipam ;
            Order BY Eqp0020.linha ;
            INTO CURSOR dadosseqp

        sele dadosseqp
        GO Top
        IF _tally<>0
            scan
                sele Eqp0030
                SEEK
equipam+classe_eqp+dadosseqp.linha

                IF ! FOUND()
                    INSERT INTO Eqp0030
(equipamento,classe,linha,valor) ;
                    VALUES
(dadosseqp.equipamento, dadosseqp.classe,
dadosseqp.linha,space(35))
                    =TableUpdate(.T.)
                ENDIF
            endscan
        ENDIF

    endscan
ENDPROC
procedure Init
parameters cl
PUBLIC adiciona
adiciona=.f.
sele Eqp0010
SEEK cl

```

```

ENDPROC
Caption = "Classe:"
Left = 10
Top = 61
Visible = .T.
Width = 52
Name = "LBLCLASSE1"
Alignment = 3
Value = 1
ControlSource = "eqp0010.classe"
Enabled = .f.
InputMask = "XX"
Left = 82
ReadOnly = .T.
Top = 57
Visible = .T.
Width = 30
Name = "CLASSE1"
Caption = "Descrição:"
Left = 139
Top = 61
Visible = .T.
Width = 52
Name = "LBLDESCRICA01"
Value = Trator de Esteiras
ControlSource = "eqp0010.descricao"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 211
ReadOnly = .T.
Top = 57
Visible = .T.
Width = 255
Name = "DESCRICA01"
ColumnCount = 4
DeleteMark = .f.
Height = 248
Left = 67
ReadOnly = .T.
RecordSource = "eqp0020"
RecordSourceType = 1
ScrollBars = 2
tag = ""
Top = 84
Visible = .T.
Width = 446
Comment = ""
Name = "grid1"
Column1.ControlSource = "eqp0020.classe"
Column1.Width = 0
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.ControlSource = "eqp0020.linha"
Column2.Width = 45
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.ControlSource =
"eqp0020.sequencia"
Column3.Width = 82
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.ControlSource =
"eqp0020.descricao"
Column4.Width = 286
Column4.ReadOnly = .T.
Column4.Visible = .T.
Column4.Name = "Column4"
Alignment = 2
Caption = "Classe"
Name = "Header1"
Alignment = 3

```

```

BackColor = 255,255,255
BorderStyle = 0
Value = 3
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Linha"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 1
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Sequência"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 1
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Descrição"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value = MOTOR
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 355
Left = 24
Width = 522
Height = 24
Name = "So_edita_grid2"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
procedure cmdAdd.Click
    IF Thisform.So_edita_grid2.AddMode
        So_Edit_Grid::cmdAdd.Click
        Thisform.geraeqp30
    ELSE
        So_Edit_Grid::cmdAdd.Click
    ENDIF
ENDPROC
Top = 8
Left = 542
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click

```

HELP ID 20140 IN Screen
ENDPROC

1.22 FORMS\TEQP0412.SCX

```
Left = 0
Top = 0
Width = 792
Height = 419
InitialSelectedAlias = "eqp0010"
Name = "Dataenvironment"
Alias = "eqp0010"
BufferModeOverride = 0
Order = "iclasse"
Database = ..\sicro.dbc
CursorSource = "eqp0010"
ReadOnly = .T.
Name = "Cursor1"
ScaleMode = 3
Height = 400
Width = 438
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TEQP0412"
Visible = .f.
HelpContextID = 20150
icon = ..\IMAGENS\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TEQP0412"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Classes de Equipamentos"
Label1.Width = 296
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 424
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 424
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 6
Shape3.Top = 42
Shape3.Width = 424
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 6
Shape4.Top = 43
Shape4.Width = 424
Shape4.Name = "Shape4"
ColumnCount = 3
DeleteMark = .f.
Height = 306
Left = 11
ReadOnly = .T.
RecordSource = "eqp0010"
ScrollBars = 2
Top = 51
Width = 417
Name = "Grid1"
```

```
Column1.Bound = .f.
Column1.ControlSource = ""
Column1.Width = 60
Column1.ReadOnly = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource = ""
Column2.Width = 250
Column2.ReadOnly = .T.
Column2.Name = "Column2"
Column3.ControlSource = "eqp0010.taxa"
Column3.ReadOnly = .T.
Column3.Name = "Column3"
Alignment = 2
Caption = "Código"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "eqp0010.classe"
ForeColor = 0,0,0
Format = "XX"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "eqp0010.descricao"
ForeColor = 0,0,0
Format =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Taxa"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 0
ColorSource = 3
Name = "Text1"
Top = 360
Left = 337
Height = 37
Width = 83
Picture = ..\IMAGENS\wzclose.bmp
Caption = "Retorna"
TerminateRead = .T.
Name = "Command1"
procedure Click
Thisform.release
```

```
ENDPROC
Top = 8
Left = 402
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 20150 IN Screen
ENDPROC
```

1.23 FORMS\TEQP0420.SCX

```
Left = 0
Top = 0
Width = 792
Height = 452
InitialSelectedAlias = "eqp0040"
Name = "Dataenvironment"
Left = 161
Top = 11
Width = 90
Height = 90
Alias = "eqp0040"
BufferModeOverride = 5
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor1"
Left = 190
Top = 130
Width = 90
Height = 90
Alias = "eqp0010"
BufferModeOverride = 5
Order = "iclasse"
Database = ..\sicro.dbc
CursorSource = "eqp0010"
Name = "Cursor3"
ParentAlias = "eqp0040"
RelationalExpr = "classe"
ChildAlias = "eqp0010"
ChildOrder = "iclasse"
Name = "Relation2"
Left = 23
Top = 6
Width = 90
Height = 90
Alias = "eqp0030"
BufferModeOverride = 5
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0030"
Name = "Cursor2"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "eqp0030"
ChildOrder = "iequip"
Name = "Relation1"
Left = 292
Top = 13
Width = 90
Height = 90
Alias = "eqp0050"
BufferModeOverride = 5
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0050"
Name = "Cursor4"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "eqp0050"
ChildOrder = "icomp"
Name = "Relation3"
Left = 308
Top = 134
Width = 103
Height = 155
Alias = "eqp0020"
BufferModeOverride = 5
Database = ..\sicro.dbc
CursorSource = "eqp0020"
Name = "Cursor5"
ParentAlias = "eqp0010"
RelationalExpr = "classe"
ChildAlias = "eqp0020"
ChildOrder = "iiclasse"
```


Left = 116
 TabIndex = 5
 Top = 109
 Visible = .T.
 Width = 255
 Name = "MODELO1"
 FontBold = .T.
 Caption = "Tipo:"
 Height = 13
 Left = 340
 Top = 87
 Visible = .T.
 Width = 35
 TabIndex = 0
 Name = "LBLTIPO_EQP1"
 Value =
 ControlSource = "eqp0040.tipo_eqp"
 Enabled = .f.
 Height = 21
 InputMask = ""
 Left = 373
 TabIndex = 4
 Top = 83
 Visible = .T.
 Width = 240
 Name = "TIPO_EQP1"
 Top = 197
 Left = 34
 Width = 67
 AutoSize = .T.
 Caption = "Montagem"
 ControlSource = "eqp0040.montagem"
 Enabled = .f.
 TabIndex = 0
 Visible = .T.
 Name = "ch_mont"
 FontBold = .T.
 Caption = "Potência:"
 Left = 204
 Top = 136
 Visible = .T.
 Width = 64
 TabIndex = 0
 Name = "LBLPOTENCIA1"
 Alignment = 1
 Value = 0
 ControlSource = "eqp0040.potencia"
 Enabled = .f.
 InputMask = "9999"
 Left = 288
 TabIndex = 7
 Top = 132
 Visible = .T.
 Width = 42
 Name = "POTENCIA1"
 AutoSize = .T.
 FontBold = .T.
 Caption = "Fonte de Energia:"
 Left = 341
 Top = 134
 Visible = .T.
 Width = 95
 TabIndex = 0
 Name = "LBLTIPO_COMB1"
 FontBold = .T.
 Caption = "Vida Útil:"
 Height = 12
 Left = 510
 Top = 160
 Visible = .T.
 Width = 55
 TabIndex = 0
 Name = "LBLVIDA_UTIL1"
 Alignment = 1
 Value = 0.0
 ControlSource = "eqp0040.vida_util"

Enabled = .f.
 Height = 21
 InputMask = "999.9"
 Left = 569
 StatusBarText = "Vida útil em anos (com até uma casa decimal)"
 TabIndex = 12
 ToolTipText = "Vida útil em anos "
 Top = 156
 Visible = .T.
 Width = 44
 Name = "VIDA_UTIL1"
 FontBold = .T.
 Caption = "Coeficiente K:"
 Left = 32
 Top = 136
 Visible = .T.
 Width = 64
 TabIndex = 0
 Name = "LBLCOEF_K1"
 Alignment = 1
 Value = 0.00000
 ControlSource = "eqp0040.coef_k"
 Enabled = .f.
 InputMask = "999.99999"
 Left = 116
 StatusBarText = "Coeficiente para ser multiplicado pelo valor do equipamento para definir o custo mensal de manutenção"
 TabIndex = 6
 ToolTipText = "Coeficiente de manutenção"
 Top = 132
 Visible = .T.
 Width = 72
 Name = "COEF_K1"
 FontBold = .T.
 Caption = "Horas / Ano:"
 Left = 204
 Top = 160
 Visible = .T.
 Width = 64
 TabIndex = 0
 Name = "LBLHORAS_ANO1"
 Alignment = 1
 Value = 0
 ControlSource = "eqp0040.horas_ano"
 Enabled = .f.
 Left = 288
 StatusBarText = "Horas anuais de funcionamento (número inteiro)"
 TabIndex = 10
 ToolTipText = "Horas anuais de funcionamento (número inteiro)"
 Top = 156
 Visible = .T.
 Width = 42
 Name = "HORAS_ANO1"
 FontBold = .T.
 Caption = "Valor Residual"
 Height = 13
 Left = 341
 Top = 160
 Visible = .T.
 Width = 89
 TabIndex = 0
 Name = "LBLVALOR_RES1"
 Alignment = 1
 Value = 0.00
 ControlSource = "eqp0040.valor_res"
 Enabled = .f.
 InputMask = "999.99"
 Left = 425
 StatusBarText = "Porcentagem sobre o valor de aquisição"
 TabIndex = 11

ToolTipText = "Porcentagem sobre o valor de aquisição"
 Top = 156
 Visible = .T.
 Width = 60
 Name = "VALOR_RES1"
 FontBold = .T.
 Caption = "Consumo:"
 Left = 32
 Top = 160
 Visible = .T.
 Width = 64
 TabIndex = 0
 Name = "LBLCONSUMO1"
 Alignment = 1
 Value = 0.00
 ControlSource = "eqp0040.consumo"
 Enabled = .f.
 InputMask = "99.99"
 Left = 116
 StatusBarText = "Consumo energético horário"
 TabIndex = 9
 ToolTipText = "Consumo energético horário"
 Top = 156
 Visible = .T.
 Width = 48
 Name = "CONSUMO1"
 Top = 197
 Left = 372
 Height = 18
 Width = 109
 FontSize = 8
 AutoSize = .f.
 Alignment = 0
 BackStyle = 0
 Caption = "Características"
 ControlSource = ""
 Enabled = .f.
 TabIndex = 0
 Comment = ""
 Name = "ch_carac"
 Top = 392
 Left = 52
 Width = 522
 Height = 24
 TabIndex = 16
 Name = "Botoes"
 cmdPrev.Name = "cmdPrev"
 cmdNext.Name = "cmdNext"
 cmdTop.Name = "cmdTop"
 cmdEnd.Name = "cmdEnd"
 cmdFind.Name = "cmdFind"
 cmdPrint.Name = "cmdPrint"
 cmdExit.Name = "cmdExit"
 cmdAdd.Name = "cmdAdd"
 cmdDelete.Name = "cmdDelete"
 cmdEdit.Name = "cmdEdit"
 procedure cmdAdd.Click
 adiciona=.T.

 IF Thisform.Botoes.AddMode and .f.
 sele Eqp0040
 P=RECNO()
 XEQP=Thisform.equipamento.Value
 SEEK XEQP
 IF FOUND() and deleted()
 recall next 1
 ENDIF
 GOTO RECORD P
 ENDIF

 TxtBtns.cmdAdd::Click

 AR_TEMP=Alias()
 IF empty(Thisform.Combo_Fab.Value)

```

sele FAB
GO Top

Thisform.Combo_Fab.Value=FAB.fabricante
ENDIF
IF empty(Thisform.Combo_Classe.Value)
sele C_CLASSE
GO Top

Thisform.Combo_Classe.Value=C_CLASSE.
classe
ENDIF
IF empty(Thisform.Combo_Fonte.Value)
Thisform.Combo_Fonte.Value="O"
ENDIF
sele (AR_TEMP)
Thisform.bot_refresca

ENDPROC
procedure cmdEdit.Click
Salva=.f.
TxtBtns.cmdEdit::Click
Thisform.bot_refresca
ENDPROC
FontBold = .f.
FontSize = 8
BoundColumn = 2
ColumnCount = 2
ColumnWidths = "175,40"
RowSourceType = 3
RowSource = "Select Descricao,Classe from
Eqp0010 into cursor c_classe"
DisplayValue = 1
Value = 1
ControlSource = "Eqp0040.Classe"
Enabled = .f.
FirstElement = 1
Height = 25
Left = 386
NumberOfElements = 0
TabIndex = 2
Top = 54
Width = 227
Name = "Combo_Classe"
FontBold = .f.
FontSize = 8
ColumnCount = 1
ColumnWidths = "100"
RowSourceType = 3
RowSource = "select fabricante from
eqp0041 into cursor fab"
DisplayValue = 1
Value = 1
ControlSource = "Eqp0040.Fabricante"
Enabled = .f.
Height = 24
Left = 116
NumberOfElements = 0
TabIndex = 3
Top = 81
Width = 206
Name = "Combo_FAB"
FontBold = .f.
FontSize = 8
ControlSource = "eqp0040.equipamento"
Enabled = .f.
Height = 24
Left = 116
TabIndex = 1
Top = 54
Width = 101
Name = "Equipamento"
AutoSize = .T.
Top = 192
Left = 480
Height = 29

```

```

Width = 115
Caption = "Caracteristicas"
TabIndex = 14
Name = "Carac"
procedure Click
a=Alias()

do form teqp0421 with "A"

sele (a)
Thisform.Refresh
ENDPROC
Top = 192
Left = 147
Height = 29
Width = 94
Caption = "Montagem"
TabIndex = 13
Name = "montagem"
procedure Click
a=Alias()
do form teqp0423 with
Thisform.equipamento.Value,.T.
sele (a)

Thisform.Refresh
Thisform.ch_mont.Refresh
ENDPROC
Enabled = .T.
ForeColor = 128,128,128
Height = 134
Left = 139
ReadOnly = .f.
TabIndex = 15
Top = 241
Width = 349
ControlSource = "eqp0040.descricao"
Name = "DESCRICAO"
FontSize = 8
BackStyle = 0
Caption = "Descrição"
Height = 18
Left = 36
Top = 252
Width = 85
TabIndex = 0
Name = "Label2"
Top = 12
Left = 582
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 20160 IN Screen
ENDPROC
FontBold = .f.
FontSize = 8
BoundColumn = 2
ColumnCount = 2
ColumnWidths = "105,60"
RowSourceType = 1
RowSource =
"ÁLCOOL,A,DIESEL,D,ELÉTRICO,E,GAS
OLINA,G,AR COMPRIMIDO,R,NAO
UTILIZA ENERGIA,N,OUTROS,O"
DisplayValue = 1
Value = N
ControlSource = "Eqp0040.Fonte_energia"
Enabled = .f.
FirstElement = 1
Height = 24
Left = 441
NumberOfElements = 0

```

```

TabIndex = 8
Top = 130
Visible = .T.
Width = 172
Name = "Combo_Fonte"

*****

1.24 FORMS\TEQP0421.SCX

Left = 0
Top = 0
Width = 792
Height = 451
AutoOpenTables = .f.
AutoCloseTables = .f.
InitialSelectedAlias = "eqp0040"
Name = "Dataenvironment"
Alias = "eqp0040"
BufferModeOverride = 5
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor1"
Alias = "eqpv0030"
BufferModeOverride = 5
Database = ..\sicro.dbc
CursorSource = "eqpv0030"
Name = "Cursor2"
procedure Init
=Requery("eqpv0030")
ENDPROC
Left = 20
Top = 130
Width = 95
Height = 90
Alias = "eqp0010"
Database = ..\sicro.dbc
CursorSource = "eqp0010"
Name = "Cursor3"
ParentAlias = "eqp0010"
RelationalExpr = "classe"
ChildAlias = "eqp0040"
ChildOrder = "iclasse"
Name = "Relation1"
Left = 226
Top = 133
Width = 90
Height = 90
Alias = "eqp0020"
Database = ..\sicro.dbc
CursorSource = "eqp0020"
Name = "Cursor4"
ParentAlias = "eqp0010"
RelationalExpr = "classe"
ChildAlias = "eqp0020"
ChildOrder = "iiclasse"
Name = "Relation2"
ScaleMode = 3
Height = 428
Width = 667
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TEQP0421"
Visible = .f.
HelpContextID = 20170
icon = ..\IMAGENS\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TEQP0421"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"

```

```

layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Características de
Equipamento"
Label1.Width = 376
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 9
Shape1.Top = 42
Shape1.Width = 649
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 9
Shape2.Top = 43
Shape2.Width = 649
Shape2.Name = "Shape2"
Shape3.Height = 9
Shape3.Top = 387
Shape3.Width = 649
Shape3.Name = "Shape3"
Shape4.Left = 9
Shape4.Top = 388
Shape4.Width = 649
Shape4.Name = "Shape4"
procedure Init
    parameters acao_usu

    IF acao_usu="C"
        Thisform.Navega.Enabled=.T.
        Thisform.Navega.Visible=.T.
    ENDIF
    IF acao_usu="A"
        Thisform.so_edita.Enabled=.T.
        Thisform.so_edita.Visible=.T.
    ENDIF

ENDPROC
Caption = "Equipamento:"
Left = 10
Top = 61
Visible = .T.
Width = 64
Name = "LBLEQUIPAMENTO1"
Value = L006
ControlSource = "eqp0040.equipamento"
Enabled = .f.
InputMask = "XXXX"
Left = 94
ReadOnly = .T.
Top = 57
Visible = .T.
Width = 50
Name = "EQUIPAMENTO1"
Caption = "Classe:"
Left = 182
Top = 61
Visible = .T.
Width = 64
Name = "LBLCLASSE1"
Alignment = 3
Value = 3
ControlSource = "eqp0040.classe"
Enabled = .f.
InputMask = "XX"
Left = 266
ReadOnly = .T.
Top = 57
Visible = .T.
Width = 30
Name = "CLASSE1"
Caption = "Fabricante:"

Left = 10
Top = 84
Visible = .T.
Width = 64
Name = "LBLFABRICANTE1"
Value = caterpillar
ControlSource = "eqp0040.fabricante"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 94
ReadOnly = .T.
Top = 80
Visible = .T.
Width = 255
Name = "FABRICANTE1"
Caption = "Modelo:"
Left = 10
Top = 107
Visible = .T.
Width = 64
Name = "LBLMODELO1"
Value = 120G
ControlSource = "eqp0040.modelo"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 94
ReadOnly = .T.
Top = 103
Visible = .T.
Width = 255
Name = "MODELO1"
Caption = "Tipo_eqp:"
Left = 10
Top = 130
Visible = .T.
Width = 64
Name = "LBLTIPO_EQP1"
Value =
ControlSource = "eqp0040.tipo_eqp"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 94
ReadOnly = .T.
Top = 126
Visible = .T.
Width = 255
Name = "TIPO_EQP1"
ColumnCount = 3
DeleteMark = .f.
Height = 228
Left = 8
ReadOnly = .T.
RecordSource = "eqpv0030"
RecordSourceType = 1
ScrollBars = 2
tag = "EQUIPAMENTO"
Top = 153
Visible = .T.
Width = 650
Comment = "EQUIPAMENTO"
Name = "grid1"
Column1.ControlSource = "eqpv0030.linha"
Column1.Width = 45
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.ControlSource =
"eqpv0030.descricao"
Column2.Width = 286
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.ControlSource = "eqpv0030.valor"
Column3.Width = 286
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Alignment = 2
Caption = "Linha"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 1
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Descrição"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value = MOTOR
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Valor"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
FontBold = .f.
FontSize = 8
ControlSource = "eqp0010.descricao"
Enabled = .f.
Height = 24
Left = 307
ReadOnly = .T.
Top = 55
Width = 113
Name = "Text2"
Top = 392
Left = 253
Width = 161
Height = 29
Enabled = .f.
Visible = .f.
Name = "So_edita"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
procedure cmdEdit.Click
    so_edita::cmdEdit.Click
    Thisform.grid1.Column1.ReadOnly=.T.
    Thisform.grid1.Column2.ReadOnly=.T.
ENDPROC
Top = 400
Left = 149
Width = 368

```

```

Height = 27
Enabled = .f.
Visible = .f.
Name = "Navega"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 9
Left = 625
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 20170 IN Screen
ENDPROC

```

1.25 FORMS\TEQP0423.SCX

```

Left = 117
Top = 121
Width = 410
Height = 171
Name = "Dataenvironment"
Alias = "eqp0040"
BufferModeOverride = 5
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "CURSOR1"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "eqp0050"
BufferModeOverride = 5
Order = "icomp"
Database = ..\sicro.dbc
CursorSource = "eqp0050"
Name = "Cursor2"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "eqp0050"
ChildOrder = "icomp"
Name = "Relation1"
ScaleMode = 3
Height = 422
Width = 630
DoCreate = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TEQP0423"
Visible = .f.
HelpContextID = 20180
icon = ..\IMAGENS\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TEQP0423"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571

```

```

layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Montagem de
Equipamentos"
Label1.Width = 333
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 13
Shape1.Top = 42
Shape1.Width = 604
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 13
Shape2.Top = 43
Shape2.Width = 604
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = -8
Shape3.Top = 289
Shape3.Visible = .f.
Shape3.Width = 1
Shape3.Name = "Shape3"
Shape4.Height = 2
Shape4.Left = 4
Shape4.Top = 365
Shape4.Visible = .f.
Shape4.Width = 1
Shape4.Name = "Shape4"
procedure Init
    parameters equipa,atualiza
    PUBLIC eqp
    eqp=""
    eqp=equipa
    sele Eqp0040
    SEEK eqp

    Thisform.inclui.Enabled=atualiza
    Thisform.exclui.Enabled=atualiza
    Thisform.combo_equip.Enabled=atualiza

    set deleted on
ENDPROC
procedure Activate
    with Thisform
        .lista.RowSourceType=3
        .lista.RowSource="select distinct
eqp0050.componente,eqp0040.fabricante,eqp
0040.modelo,eqp0040.classe from
eqp0040,eqp0050 where
eqp0050.componente=eqp0040.equipamento
and eqp0050.equipamento=eqp into cursor
comp"
        .combo_equip.RowSource="select
eqp0040.equipamento,eqp0040.fabricante,eq
p0040.modelo,eqp0040.classe where
eqp0040.equipamento<>eqp from eqp0040
into cursor equips"
        .combo_equip.RowSourceType=3
        Endwith
ENDPROC
procedure Refresh
    with Thisform
        .lista.RowSourceType=3
        .lista.RowSource="select distinct
eqp0050.componente,eqp0040.fabricante,eqp
0040.modelo,eqp0040.classe from
eqp0040,eqp0050 where
eqp0050.componente=eqp0040.equipamento
and eqp0050.equipamento=eqp into cursor
comp"
        .combo_equip.RowSource="select
eqp0040.equipamento,eqp0040.fabricante,eq
p0040.modelo,eqp0040.classe where

```

```

eqp0040.equipamento<>eqp from eqp0040
into cursor equips"
        .combo_equip.RowSourceType=3
        Endwith
ENDPROC
FontBold = .T.
Caption = "Equipamento:"
Height = 13
Left = 17
Top = 55
Visible = .T.
Width = 78
Name = "LBLEQUIPAMENTO1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "eqp0040.equipamento"
Enabled = .f.
Height = 24
InputMask = "XXXX"
Left = 101
ReadOnly = .T.
Top = 51
Visible = .T.
Width = 58
Name = "EQUIPAMENTO"
FontBold = .T.
Caption = "Classe:"
Left = 423
Top = 55
Visible = .T.
Width = 64
Name = "LBLCLASSE1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "eqp0040.classe"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 507
ReadOnly = .T.
Top = 51
Visible = .T.
Width = 53
Name = "CLASSE1"
FontBold = .T.
Caption = "Fabricante:"
Left = 17
Top = 81
Visible = .T.
Width = 64
Name = "LBLFABRICANTE1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "eqp0040.fabricante"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 101
ReadOnly = .T.
Top = 77
Visible = .T.
Width = 460
Name = "FABRICANTE1"
FontBold = .T.
Caption = "Modelo:"
Left = 17
Top = 107
Visible = .T.
Width = 64
Name = "LBLMODELO1"
FontBold = .T.

```



```

FontSize = 10
Value =
ControlSource = "eqp0040.modelo"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXX"
XXXXXXXXXX"
Left = 101
ReadOnly = .T.
Top = 103
Visible = .T.
Width = 460
Name = "MODELO1"
ColumnCount = 4
ColumnWidths = "50,150,150,100"
RowSourceType = 0
Height = 193
Left = 12
Top = 132
Visible = .T.
Width = 469
Name = "lista"
ColumnCount = 4
ColumnWidths = "50,150,150,100"
Height = 24
Left = 13
Top = 338
Width = 468
Name = "Combo_equip"
AutoSize = .T.
Top = 335
Left = 485
Height = 29
Width = 142
Caption = "Inclui Componente"
Name = "inclui"
procedure Click
result=.T.
set deleted off
with Thisform
sele eqp0050
set Order to tag ichave
IF !empty(.combo_equip.Value) and
.combo_equip.Value<>.equipamento.Value
SEEK
.equipamento.Value+.combo_equip.Value
IF !FOUND()
INSERT INTO eqp0050 VALUES(
.equipamento.Value, .combo_equip.Value)
result =TableUpdate(.T.)
ELSE
IF deleted()
recall next 1
=msg(2)
result=TableUpdate(.T.)
ELSE
=msg(1)
set deleted on
RETURN
ENDIF
ENDIF
IF !result
=tablerevert(.T.)
ENDIF
set deleted on
.lista.Requery
.lista.Refresh
ENDIF
Endwith
set deleted on
ENDPROC
Top = 213
Left = 483
Height = 29

```

```

Width = 145
Caption = "Exclui Componente"
Name = "exclui"
procedure Click
IF perg("Deseja eliminar a linha com o
código = '+Thisform.lista.Value) = .T.
result=.T.
sele eqp0050
set Order to tag icomp
IF !empty( Thisform.lista.Value)
SEEK Thisform.lista.Value
IF FOUND()
DELETE FROM eqp0050 WHERE
(equipamento =
Thisform.equipamento.Value) and
(componente=Thisform.lista.Value)
result =TableUpdate(.T.)
ENDIF
IF !result
=tablerevert(.T.)
ENDIF
set deleted on
Thisform.lista.Requery
Thisform.lista.Refresh
ENDIF
set deleted on
ENDIF
ENDPROC
Top = 378
Left = 560
Height = 37
Width = 65
Picture = ..\IMAGENS\wzclose.bmp
Caption = "Retorna"
TerminateRead = .T.
Name = "Command1"
procedure Click
IF Thisform.inclui.Enabled
sele eqp0050
set Order to tag iequip
GO Top
LOCATE FOR
equipamento=Thisform.equipamento.Value
and !deleted()
existe=FOUND()
UPDATE Eqp0040 set montagem
=existe WHERE
equipamento=Thisform.equipamento.Value
ENDIF
Thisform.release
ENDPROC
Top = 8
Left = 588
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 20180 IN Screen
ENDPROC
*****
1.26 FORMS\TMAO0200.SCX
Left = 88
Top = 125
Width = 400
Height = 143
Name = "Dataenvironment"

```

```

Left = 20
Top = 10
Width = 90
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor1"
Height = 316
Width = 443
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TMAO0200"
HelpContextID = 20210
icon = ..\IMAGENS\dner02.ico
Name = "TMAO0200"
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Relatórios de Mão-de-Obra"
Height = 37
Left = 53
Top = 52
Width = 368
Name = "Label1"
Top = 109
Left = 288
Height = 29
Width = 113
Caption = "Mão-de-Obra"
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "mao"
procedure Click
do form impressa with "rmao0010"
ENDPROC
Top = 157
Left = 288
Height = 29
Width = 113
Caption = "MO / Unid Fed"
Name = "Command2"
procedure Click
IF Thisform.escopo.Value=1
do form impressa with "rmao0020"
ELSE
do form impressa with "rmao0020"
,'maov0010.uf='+'+'+Thisform.uf.Value+'+'
ENDIF
ENDPROC
Top = 205
Left = 288
Height = 29
Width = 113
Caption = "Catálogo"
Name = "Command3"
procedure Click
IF Thisform.escopo.Value=1
do form impressa with "rmao0030"
ELSE
do form impressa with
"rmao0030",'maov0010.uf='+'+'+Thisform.uf.
Value+'+'
ENDIF
ENDPROC
Top = 253
Left = 288
Height = 29
Width = 113
Caption = "Fechar"
Name = "CmdFechar"

```

```

procedure Click
  Thisform.release

ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 53
Top = 21
Width = 301
Name = "Label2"
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 61
Left = 51
Top = 124
Width = 145
Name = "Escopo"
Option1.BackStyle = 0
Option1.Caption = "Todos os Dados"
Option1.Value = 1
Option1.Height = 20
Option1.Left = 0
Option1.Top = 5
Option1.Width = 205
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Dados de uma UF"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 0
Option2.Top = 36
Option2.Width = 188
Option2.Name = "Option2"
procedure Valid

Thisform.uf.Enabled=(Thisform.escopo.Valu
e=2)

Thisform.mao.Enabled=! (Thisform.escopo.V
alue=2)
  Thisform.uf.Refresh
  Thisform.mao.Refresh

ENDPROC
ColumnCount = 2
ColumnWidths = "30,150"
RowSourceType = 3
RowSource = "select uf,denominacao order
by uf from par0010 into cursor uf"
Enabled = .f.
Height = 25
Left = 60
Sorted = .f.
Top = 180
Width = 192
Name = "UF"
Top = 16
Left = 373
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
  HELP ID 20210 IN Screen
ENDPROC
*****

```

1.27 FORMS\TMAO0300.SCX

```

Left = 10
Top = 269
Width = 400
Height = 111
Name = "Dataenvironment"
Alias = "mao0010"
BufferModeOverride = 5
Order = "imaodeobra"
Database = ..\sicro.dbc
CursorSource = "mao0010"
Name = "Cursor1"
Alias = "mao0020"
BufferModeOverride = 5
Database = ..\sicro.dbc
CursorSource = "mao0020"
Name = "cursor2"
ParentAlias = "mao0010"
RelationalExpr = "mao_d_obra"
ChildAlias = "mao0020"
ChildOrder = "imaodeobra"
Name = "Relation1"
ScaleMode = 3
Height = 356
Width = 481
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TMAO0300"
Visible = .f.
HelpContextID = 20220
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TMAO0300"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Relação da Mão-de-Obra"
Label1.Width = 297
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 11
Shape1.Top = 42
Shape1.Width = 458
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 11
Shape2.Top = 43
Shape2.Width = 458
Shape2.Name = "Shape2"
Shape3.Left = 11
Shape3.Top = 301
Shape3.Width = 458
Shape3.Name = "Shape3"
Shape4.Left = 11
Shape4.Top = 302
Shape4.Width = 458
Shape4.Name = "Shape4"
AutoSize = .f.
FontBold = .T.
Caption = "Mão de Obra:"
Left = 10
Top = 61
Visible = .T.
Width = 72
Name = "LBLMAO_D_OBRA1"
Value = P301

```

```

ControlSource = "mao0010.mao_d_obra"
Enabled = .f.
InputMask = "XXXXX"
Left = 93
Top = 57
Visible = .T.
Width = 50
Name = "MAO_D_OBRA1"
Value = OP. equip. hidrossemeadura
ControlSource = "mao0010.descricao"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 158
Top = 57
Visible = .T.
Width = 255
Name = "DESCRICA01"
ColumnCount = 3
DeleteMark = .f.
Height = 209
Left = 97
Panel = 1
ReadOnly = .T.
RecordSource = "mao0020"
RecordSourceType = 1
ScrollBars = 2
tag = ""
Top = 84
Visible = .T.
Width = 286
Comment = ""
Name = "grid1"
Column1.ControlSource = "mao0020.uf"
Column1.Width = 40
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Alignment = 2
Column2.ControlSource = "mao0020.padrao"
Column2.Width = 81
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.ControlSource =
"mao0020.taxa_enc"
Column3.Width = 132
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Alignment = 2
Caption = "UF"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value = SP
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Padrão"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value = 3.0
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Encargos/Adicionais"

```

```

Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 3.00
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 314
Left = 56
Width = 368
Height = 27
Name = "Navega1"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 8
Left = 419
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
HelpContextID = 20220
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 20220 IN Screen
ENDPROC

```

1.28 FORMS\TMAO0410.SCX

```

Left = 191
Top = 193
Width = 400
Height = 111
Name = "Dataenvironment"
Alias = "mao0010"
BufferModeOverride = 5
Order = "wizard_1"
Database = ..\sicro.dbc
CursorSource = "mao0010"
Name = "CURSOR1"
ScaleMode = 3
Height = 197
Width = 532
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TMAO0410"
Visible = .f.
HelpContextID = 20240
icon = ..\dner02.ico
LockScreen = .f.
Name = "TMAO0410"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Mão-de-Obra"
Label1.Width = 160

```

```

Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 520
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 520
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 131
Shape3.Width = 520
Shape3.Name = "Shape3"
Shape4.Left = 6
Shape4.Top = 132
Shape4.Width = 520
Shape4.Name = "Shape4"
procedure Destroy
    sele mao0010
        use mao0010 exclusive
        pack
        reindex
        use mao0010 shared
ENDPROC
procedure Init
    with Thisform
        IF .tag="G"
            .Caption="SICRO - TMAO0410 "
            .Botoes.Visible=.T.
            .Botoes.Enabled=.T.
            .Navega.Visible=.f.
            .Navega.Enabled=.f.
        ELSE
            .Caption="SICRO - TMAO0411"
            .Botoes.Visible=.f.
            .Botoes.Enabled=.f.
            .Navega.Visible=.T.
            .Navega.Enabled=.T.
            .HelpContextID=20241
        ENDIF
    Endwith
ENDPROC
procedure Load
    this.tag=classeusu
ENDPROC
AutoSize = .f.
FontBold = .T.
Caption = "Código:"
Left = 36
Top = 65
Visible = .T.
Width = 42
Name = "LBLMAO_DE_OBRA1"
Value =
ControlSource = "mao0010.mao_d_obra"
Enabled = .f.
Height = 24
InputMask = "XXXX"
Left = 125
Top = 58
Visible = .T.
Width = 45
Name = "MAO_DE_OBRA1"
AutoSize = .f.
FontBold = .T.
Caption = "Descrição:"
Left = 36
Top = 101
Visible = .T.
Width = 57
Name = "LBLDESCRICA01"
Value =

```

```

ControlSource = "mao0010.descricao"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 125
Top = 96
Visible = .T.
Width = 337
Name = "DESCRICA01"
Top = 145
Left = 7
Width = 522
Height = 24
Name = "Botoes"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 157
Left = 84
Width = 368
Height = 27
Name = "Navega"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 8
Left = 498
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
HelpContextID = 20240
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 20240 IN Screen
    with Thisform
        IF .tag="G"
            HELP ID 20240 IN Screen
        ELSE
            HELP ID 20241 IN Screen
        ENDIF
    Endwith
ENDPROC
Top = 53
Left = 368
Height = 29
Width = 93
Caption = "Relação "
Name = "Relacao"
procedure Click
    do form tmao0412
ENDPROC
*****
1.29 FORMS\TMAO0412.SCX
Left = 0

```

```

Top = 0
Width = 792
Height = 419
InitialSelectedAlias = "eqp0010"
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "mao0010"
Order = "imaodeobra"
Database = ..\sicro.dbc
CursorSource = "mao0010"
Name = "Cursor1"
ScaleMode = 3
Height = 400
Width = 438
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TMAO0412"
Visible = .f.
HelpContextID = 20250
icon = ..\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "tmao0412"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Relação da Mão-de-Obra"
Label1.Width = 297
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 424
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 424
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 6
Shape3.Top = 42
Shape3.Width = 424
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 6
Shape4.Top = 43
Shape4.Width = 424
Shape4.Name = "Shape4"
ColumnCount = 2
DeleteMark = .f.
Height = 301
Left = 52
ReadOnly = .T.
RecordSource = "mao0010"
Top = 51
Width = 342
Name = "Grid1"
Column1.Bound = .f.
Column1.ControlSource = ""
Column1.Width = 60
Column1.ReadOnly = .T.
Column1.Name = "Column1"
Column2.Bound = .f.

```

```

Column2.ControlSource = ""
Column2.Width = 250
Column2.ReadOnly = .T.
Column2.Name = "Column2"
Alignment = 2
Caption = "Código"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "mao0010.mao_d_obra"
ForeColor = 0,0,0
Format = "XX"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "mao0010.descricao"
ForeColor = 0,0,0
Format =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 360
Left = 337
Height = 37
Width = 83
Picture = ..\IMAGENS\wzclose.bmp
Caption = "Retorna"
TerminateRead = .T.
Name = "Command1"
procedure Click
    Thisform.release
ENDPROC
Top = 8
Left = 402
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
HelpContextID = 20250
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 20250 IN Screen
ENDPROC
*****
1.30 FORMS\TMAO0420.SCX
Left = 66
Top = 76
Width = 400
Height = 189
InitialSelectedAlias = "mao0020"
Name = "Dataenvironment"
Left = 51
Top = 8
Width = 90
Height = 90
Alias = "mao0020"
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "mao0020"
Name = "Cursor2"
Left = 160
Top = 10

```

```

Width = 90
Height = 90
Alias = "mao0010"
Database = ..\sicro.dbc
CursorSource = "mao0010"
Name = "Cursor1"
ParentAlias = "mao0010"
RelationalExpr = "mao_d_obra"
ChildAlias = "mao0020"
ChildOrder = "imaodeobra"
Name = "Relation1"
Left = 20
Top = 130
Width = 90
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor3"
ScaleMode = 3
Height = 200
Width = 565
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TMAO0420"
Visible = .f.
HelpContextID = 20260
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TMAO0420"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Padrão Salarial"
Label1.Width = 186
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 8
Shape1.Top = 43
Shape1.Width = 548
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 8
Shape2.Top = 44
Shape2.Width = 548
Shape2.Name = "Shape2"
Shape3.Left = 8
Shape3.Top = 149
Shape3.Width = 548
Shape3.Name = "Shape3"
Shape4.Left = 8
Shape4.Top = 150
Shape4.Width = 548
Shape4.Name = "Shape4"
procedure bot_refresca

Thisform.Combo_uf.Enabled=!Thisform.Co
mbo_uf.Enabled
    Thisform.Combo_uf.Refresh

Thisform.Combo_mao.Enabled=!Thisform.C
ombo_mao.Enabled
    Thisform.Combo_mao.Refresh

ENDPROC
procedure Destroy

```

```

sele mao0020
use mao0020 exclusive
pack
reindex
use mao0020 shared

ENDPROC
procedure Load

    this.tag=classeusu

ENDPROC
procedure Init
with Thisform
    IF .tag="G"

        .Botoes.Visible=.T.
        .Botoes.Enabled=.T.
        .Navega.Visible=.f.
        .Navega.Enabled=.f.
    ELSE

        .Botoes.Visible=.f.
        .Botoes.Enabled=.f.
        .Navega.Visible=.T.
        .Navega.Enabled=.T.
    ENDIF
Endwith
ENDPROC
FontBold = .T.
Caption = "Padrão:"
Left = 39
Top = 112
Visible = .T.
Width = 69
Name = "LBLPADRAO1"
Alignment = 1
Value = 0.0
ControlSource = "mao0020.padrao"
Enabled = .f.
Height = 24
InputMask = "999.99"
Left = 91
StatusBarText = "Informar a quantidade de
salários mínimos"
ToolTipText = "quantidade de salários
mínimos"
Top = 108
Visible = .T.
Width = 73
Name = "PADRAO1"
AutoSize = .T.
FontBold = .T.
Caption = "Encargos / Adicionais:"
Height = 16
Left = 241
Top = 113
Visible = .T.
Width = 120
Name = "LBLTAXA_ENC1"
Alignment = 1
Value = 0.00
ControlSource = "mao0020.taxa_enc"
Enabled = .f.
Height = 24
InputMask = "999.99"
Left = 367
StatusBarText = "Informar a percentagem de
encargos incidente sobre o salário"
ToolTipText = "percentagem de encargos"
Top = 108
Visible = .T.
Width = 51
Name = "TAXA_ENC1"
Top = 156

```

```

Left = 21
Width = 522
Height = 24
Name = "Botoes"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
procedure cmdAdd.Click
    Thisform.bot_refresca
    TxtBtns.cmdAdd::Click
ENDPROC
procedure cmdEdit.Click
    Thisform.bot_refresca
    TxtBtns.cmdEdit::Click
ENDPROC
Top = 168
Left = 98
Width = 368
Height = 27
Name = "Navega"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
FontName = "Courier New"
BoundColumn = 2
ColumnCount = 2
RowSourceType = 3
RowSource = "Select descricao,mao_d_obra
from mao0010 into cursor padrao"
ControlSource = "mao0020.mao_d_obra"
Enabled = .f.
Height = 25
Left = 240
Top = 61
Width = 303
Name = "Combo_Mao"
FontName = "Courier New"
ColumnCount = 3
ColumnWidths = "27,175,40"
RowSourceType = 3
RowSource = "select
Uf,Denominacao,Regiao from par0010 into
cursor uf"
ControlSource = "Mao0020.Uf"
Enabled = .f.
FirstElement = 1
Height = 25
Left = 36
NumberOfElements = 0
Top = 61
Width = 180
Name = "Combo_uf"
Top = 10
Left = 512
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
HelpContextID = 20260
DisabledForeColor = 128,128,128

```

```

Name = "auxilio"
procedure Click
    HELP ID 20260 IN Screen
ENDPROC

*****

L.31 FORMS\TMAT0200.SCX

Left = 357
Top = 84
Width = 400
Height = 130
Name = "Dataenvironment"
Left = 21
Top = 10
Width = 90
Height = 90
Alias = "mat0020"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "Cursor1"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "mat0010"
Database = ..\sicro.dbc
CursorSource = "mat0010"
Name = "Cursor2"
ParentAlias = "mat0010"
RelationalExpr = "classe_mat"
ChildAlias = "mat0020"
ChildOrder = "iclasse"
Name = "Relation1"
Height = 324
Width = 480
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TMAT0200"
HelpContextID = 20270
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TMAT0200"
Top = 276
Left = 44
Height = 29
Width = 113
Caption = "Fechar"
Name = "Fechar"
procedure Click
    Thisform.release
ENDPROC
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Emissão do Catálogo de"
Height = 37
Left = 53
Top = 36
Width = 325
Name = "Label1"
Top = 132
Left = 363
Height = 29
Width = 113
Caption = "Índice"
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "indice"
procedure Click
    SELECT DISTINCT MAT0020.*,
MAT0010.Nome_mat AS desc_classe;

```

```

FROM
sicro!MAT0010,sicro!MAT0020;
WHERE MAT0010.classe_mat =
MAT0020.classe_mat;
Order BY MAT0020.material;
INTO CURSOR rmat0010

with Thisform.escopo
do CASE
CASE .Value=1
do form impressa with "rmat0010"
CASE .Value=2
do form impressa with "rmat0010",'
MATERIAL='+'''+Thisform.lista.Value+''''
CASE .Value=3
do form impressa with "rmat0010",'
classe_mat='+'''+Thisform.selec_mat.Value+'
''
ENDCASE
Endwith

ENDPROC
Top = 180
Left = 363
Height = 29
Width = 113
Caption = "Índice Alfabético"
Name = "indalfa"
procedure Click
with Thisform.escopo
do CASE
CASE .Value=1
do form impressa with "rmat0011"
CASE .Value=2
do form impressa with "rmat0011",'
MATERIAL='+'''+Thisform.lista.Value+''''
CASE .Value=3
do form impressa with "rmat0011",'
classe_mat='+'''+Thisform.selec_mat.Value+'
''
ENDCASE
Endwith
ENDPROC
Top = 228
Left = 363
Height = 29
Width = 113
Caption = "Catálogo"
Name = "catalogo"
procedure Click
with Thisform.escopo
do CASE
CASE .Value=1
do form impressa with "rmat0020"
CASE .Value=2
do form impressa with "rmat0020",'
MATERIAL='+'''+Thisform.lista.Value+''''
CASE .Value=3
do form impressa with "rmat0020",'
classe_mat='+'''+Thisform.selec_mat.Value+'
''
ENDCASE
Endwith

ENDPROC
Top = 276
Left = 363
Height = 29
Width = 113
Caption = "Classes"
Name = "CmdClasse"
procedure Click
do form impressa with "rmat0040"
ENDPROC
FontSize = 10

```

```

BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 53
Top = 12
Width = 301
Name = "Label2"
ButtonCount = 3
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 97
Left = 10
Top = 132
Width = 205
Name = "Escopo"
Option1.BackStyle = 0
Option1.Caption = "Todos os Materiais"
Option1.Value = 1
Option1.Height = 20
Option1.Left = 0
Option1.Top = 5
Option1.Width = 205
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Seleção de Material"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 0
Option2.Top = 36
Option2.Width = 188
Option2.Name = "Option2"
Option3.BackStyle = 0
Option3.Caption = "Classe de Material"
Option3.Value = 0
Option3.Height = 18
Option3.Left = 0
Option3.Top = 68
Option3.Width = 205
Option3.Name = "Option3"
procedure Valid
with Thisform
do CASE
CASE .escopo.Value=1
.selec_mat.Enabled=.f.
.selec_mat.Visible=.f.
.lista.Enabled=.f.
.lista.Visible=.f.

CASE .escopo.Value=2
.selec_mat.Enabled=.f.
.selec_mat.Visible=.f.
.lista.Enabled=.T.
.lista.Visible=.T.

CASE .escopo.Value=3
.selec_mat.Enabled=.T.
* .selec_mat.Rowsource="Select
nome_mat,classe_mat from mat0010 into
cursor classmat"
* .selec_mat.RowSourceType=3
.selec_mat.Visible=.T.
.lista.Enabled=.f.
.lista.Visible=.f.

ENDCASE
.Refresh
Endwith
ENDPROC
FontSize = 20
BackStyle = 0
Caption = "Materiais"
Height = 37
Left = 154

```

```

Top = 84
Width = 122
Name = "Label3"
BoundColumn = 2
ColumnCount = 2
ColumnWidths = "145,55"
RowSourceType = 3
RowSource = "Select nome_mat,material
from mat0020 into cursor classmat"
Enabled = .f.
FirstElement = 1
Height = 73
Left = 157
NumberOfElements = 0
Top = 142
Visible = .f.
Width = 199
Name = "Lista"
BoundColumn = 2
ColumnCount = 0
RowSourceType = 3
RowSource = "select nome_mat,classe_mat
from mat0010 into cursor clmat"
Enabled = .f.
FirstElement = 1
Height = 24
Left = 158
Top = 198
Visible = .f.
Width = 187
Name = "Selec_mat"
Top = 13
Left = 439
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
HelpContextID = 20270
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 20270 IN Screen
ENDPROC

*****

I.32 FORMS\TMAT0300.SCX

Left = 0
Top = 196
Width = 792
Height = 223
InitialSelectedAlias = "mat0020"
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 92
Height = 143
Alias = "mat0020"
BufferModeOverride = 5
Order = "wizard_1"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "Cursor1"
Left = 226
Top = 130
Width = 90
Height = 90
Alias = "mat0010"
Database = ..\sicro.dbc
CursorSource = "mat0010"
Name = "Cursor2"
Left = 141
Top = 11
Width = 121
Height = 90
Alias = "par0030"

```

```

Database = ..\sicro.dbc
CursorSource = "par0030"
Name = "Cursor3"
ParentAlias = "mat0020"
RelationalExpr = "classe_mat"
ChildAlias = "mat0010"
ChildOrder = "iclass_mat"
Name = "Relation2"
ParentAlias = "mat0020"
RelationalExpr = "und"
ChildAlias = "par0030"
ChildOrder = "icod"
Name = "Relation1"
ScaleMode = 3
Height = 317
Width = 588
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TMAT0300"
Visible = .f.
HelpContextID = 20280
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TMAT0300"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Catálogo de Materiais"
Label1.Width = 260
Label1.Name = "Label1"
Shape1.Name = "Shape1"
Shape2.Name = "Shape2"
Shape3.Left = 5
Shape3.Top = 273
Shape3.Name = "Shape3"
Shape4.Left = 5
Shape4.Top = 274
Shape4.Name = "Shape4"
procedure bot_refresca

Thisform.Combo_Classe.Enabled=!Thisform.
Combo_Classe.Enabled
Thisform.Combo_Classe.Refresh

Thisform.Combo_Und_com.Enabled=!Thisform.
Combo_Und_com.Enabled
Thisform.Combo_Und_com.Refresh

Thisform.Combo_Und_Trab.Enabled=!Thisform.
Combo_Und_Trab.Enabled
Thisform.Combo_Und_Trab.Refresh

ENDPROC
procedure Load
this.tag=classeusu
IF used("GLOBAL")
IF !chave()
QUIT
ENDIF
ELSE
QUIT
ENDIF
ENDPROC
procedure Init
with Thisform

.Navega.Visible=.T.

.Navega.Enabled=.T.

Endwith

ENDPROC
FontBold = .T.
Caption = "Material:"
Left = 10
Top = 63
Visible = .T.
Width = 59
Name = "LBLMATERIAL1"
FontBold = .T.
Value =
ControlSource = "mat0020.material"
Enabled = .f.
Height = 24
InputMask = "XXXX"
Left = 84
ReadOnly = .T.
Top = 57
Visible = .T.
Width = 50
Name = "MATERIAL1"
FontBold = .T.
Caption = "Denominação:"
Height = 13
Left = 145
Top = 62
Visible = .T.
Width = 79
Name = "LBLNOME_MAT1"
FontBold = .T.
Value =
ControlSource = "mat0020.nome_mat"
Enabled = .f.
Height = 25
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 228
ReadOnly = .T.
Top = 56
Visible = .T.
Width = 349
Name = "NOME_MAT1"
FontBold = .T.
Caption = "Unidades:"
Left = 10
Top = 109
Visible = .T.
Width = 59
Name = "LBLUND1"
FontBold = .T.
Caption = "Descrição:"
Height = 13
Left = 152
Top = 184
Visible = .T.
Width = 57
Name = "LBLDESCRICA01"
FontBold = .T.
BackColor = 255,255,255
ForeColor = 128,128,128
Height = 84
Left = 228
ReadOnly = .T.
Top = 180
Visible = .T.
Width = 349
Value =
ControlSource = "mat0020.descricao"
Name = "DESCRICA01"
FontBold = .T.
Caption = "Nome da Classe : "
Height = 13

Left = 129
Top = 90
Visible = .T.
Width = 94
Name = "Embossedlabel2"
FontBold = .T.
Caption = "Denominação:"
Height = 13
Left = 145
Top = 129
Visible = .T.
Width = 78
Name = "Embossedlabel3"
AutoSize = .T.
FontBold = .T.
FontSize = 8
BackStyle = 0
Caption = "a) Comercial"
Height = 16
Left = 64
Top = 129
Width = 69
Name = "Label4"
FontBold = .T.
Caption = "Denominação:"
Height = 13
Left = 145
Top = 158
Visible = .T.
Width = 78
Name = "Embossedlabel5"
AutoSize = .T.
FontBold = .T.
FontSize = 8
BackStyle = 0
Caption = "b) Trabalho"
Height = 16
Left = 64
Top = 158
Width = 62
Name = "Label6"
AutoSize = .T.
FontSize = 8
BackStyle = 0
Caption = "Fator de Conversão:"
Height = 16
Left = 12
Top = 183
Width = 111
Name = "Label7"
FontSize = 8
ControlSource = "mat0020.fator"
Enabled = .f.
Height = 24
Left = 67
Top = 201
Width = 67
Name = "fator1"
Top = 284
Left = 110
Width = 368
Height = 27
Name = "Navega"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
FontSize = 8
BoundColumn = 1
RowSourceType = 3

```

```

RowSource = "select
codigo,denominaca,unidade_w,fator from
par0030 into cursor und_com"
ControlSource = "mat0020.und"
Enabled = .f.
Height = 24
Left = 228
Top = 120
Width = 349
Name = "Combo_Und_com"
FontSize = 8
BoundColumn = 1
RowSourceType = 3
RowSource = "select
codigo,denominaca,unidade_w,fator from
par0030 into cursor und_trab"
ControlSource = "mat0020.undw"
Enabled = .f.
Height = 24
Left = 228
Top = 150
Width = 349
Name = "Combo_Und_Trab"
FontSize = 8
ControlSource = "mat0020.classe_mat"
Enabled = .f.
Height = 24
Left = 229
Top = 84
Width = 73
Name = "Text2"
FontSize = 8
ControlSource = "mat0010.nome_mat"
Enabled = .f.
Height = 24
Left = 313
Top = 84
Width = 264
Name = "Text3"
Top = 9
Left = 549
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 20280 IN Screen
ENDPROC

```

1.33 FORMS\TMAT0310.SCX

```

Name = "Dataenvironment"
Alias = "mat0010"
BufferModeOverride = 5
Order = "iclass_mat"
Database = ..\sicro.dbc
CursorSource = "mat0010"
Name = "Cursor1"
ScaleMode = 3
Height = 192
Width = 546
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TMAT0310"
Visible = .f.
HelpContextID = 20290
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TMAT0310"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"

```

```

layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Classe de Material"
Label1.Width = 219
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 10
Shape1.Top = 42
Shape1.Width = 526
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 10
Shape2.Top = 43
Shape2.Width = 526
Shape2.Name = "Shape2"
Shape3.Left = 10
Shape3.Top = 138
Shape3.Width = 526
Shape3.Name = "Shape3"
Shape4.Left = 10
Shape4.Top = 139
Shape4.Width = 526
Shape4.Name = "Shape4"
procedure Load
this.tag=classeusu
IF used("GLOBAL")
IF !chave()
QUIT
ENDIF
ELSE
QUIT
ENDIF
ENDPROC
FontBold = .T.
Caption = "Classe:"
Left = 10
Top = 61
Visible = .T.
Width = 68
Name = "LBLCLASSE_MAT1"
FontBold = .T.
Value =
ControlSource = "mat0010.classe_mat"
Enabled = .f.
Height = 25
InputMask = "XX"
Left = 98
Top = 53
Visible = .T.
Width = 40
Name = "CLASSE_MAT1"
AutoSize = .f.
FontBold = .T.
Caption = "Denominação:"
Left = 10
Top = 97
Visible = .T.
Width = 77
Name = "LBLDENOMINACAO1"
FontBold = .T.
Value =
ControlSource = "mat0010.nome_mat"
Enabled = .f.
Height = 25
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 98
Top = 93
Visible = .T.
Width = 370

```

```

Name = "DENOMINACAO1"
Top = 155
Left = 89
Width = 368
Height = 27
Name = "Navega"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 10
Left = 507
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
HelpContextID = 20290
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 20290 IN Screen
ENDPROC
Top = 51
Left = 334
Height = 29
Width = 133
Caption = "Relação de Classes"
Name = "Relacao"
procedure Click
do form tmat0411
ENDPROC

```

1.34 FORMS\TMAT0410.SCX

```

Left = 10
Top = 249
Width = 400
Height = 119
Name = "Dataenvironment"
Alias = "mat0010"
BufferModeOverride = 5
Order = "iclass_mat"
Database = ..\sicro.dbc
CursorSource = "mat0010"
Name = "Cursor1"
ScaleMode = 3
Height = 192
Width = 546
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TMAT0410"
Visible = .f.
HelpContextID = 20310
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TMAT0410"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"

```



```

Label1.Caption = "Manutenção de Classe de
Material"
Label1.Width = 405
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 10
Shape1.Top = 42
Shape1.Width = 526
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 10
Shape2.Top = 43
Shape2.Width = 526
Shape2.Name = "Shape2"
Shape3.Left = 10
Shape3.Top = 139
Shape3.Width = 526
Shape3.Name = "Shape3"
Shape4.Left = 10
Shape4.Top = 140
Shape4.Width = 526
Shape4.Name = "Shape4"
procedure Load
  this.tag=classeusu

ENDPROC
procedure Destroy
  sele MAT0010
  use MAT0010 exclusive
  pack
  reindex
  use MAT0010 shared

ENDPROC
FontBold = .T.
Caption = "Classe:"
Left = 10
Top = 61
Visible = .T.
Width = 68
Name = "LBLCLASSE_MAT1"
FontBold = .T.
Value =
ControlSource = "mat0010.classe_mat"
Enabled = .f.
Height = 25
InputMask = "XX"
Left = 98
Top = 53
Visible = .T.
Width = 40
Name = "CLASSE_MAT1"
AutoSize = .f.
FontBold = .T.
Caption = "Denominação:"
Left = 10
Top = 99
Visible = .T.
Width = 77
Name = "LBLDENOMINACAO1"
FontBold = .T.
Value =
ControlSource = "mat0010.nome_mat"
Enabled = .f.
Height = 25
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
XXXXXXXXXX"
Left = 98
Top = 95
Visible = .T.
Width = 370
Name = "DENOMINACAO1"
Top = 153
Left = 12
Width = 522

```

```

Height = 24
Name = "Botoes"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 10
Left = 507
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
  HELP ID 20310 IN Screen
ENDPROC
Top = 51
Left = 334
Height = 29
Width = 133
Caption = "Relação de Classes"
Name = "Relacao"
procedure Click
  do form tmat0411

ENDPROC

```

1.35 FORMS\TMAT0411.SCX

```

Left = 0
Top = 0
Width = 792
Height = 419
InitialSelectedAlias = "eqp0010"
Name = "Dataenvironment"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "mat0010"
Database = ..\sicro.dbc
CursorSource = "mat0010"
Name = "Cursor2"
ScaleMode = 3
Height = 400
Width = 438
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TMAT0411"
Visible = .f.
HelpContextID = 20320
icon = ..\IMAGENS\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "tmat0411"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Classes de Materiais"

```

```

Label1.Width = 241
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 424
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 424
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 6
Shape3.Top = 42
Shape3.Width = 424
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 6
Shape4.Top = 43
Shape4.Width = 424
Shape4.Name = "Shape4"
ColumnCount = 2
DeleteMark = .f.
Height = 301
Left = 20
Panel = 1
ReadOnly = .T.
RecordMark = .f.
RecordSource = "mat0010"
Top = 51
Width = 399
Name = "Grid1"
Column1.Bound = .f.
Column1.ControlSource = ""
Column1.Width = 60
Column1.ReadOnly = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource = ""
Column2.Width = 318
Column2.ReadOnly = .T.
Column2.Name = "Column2"
Alignment = 2
Caption = "Código"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "mat0010.classe_mat"
ForeColor = 0,0,0
Format = "XX"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "mat0010.nome_mat"
ForeColor = 0,0,0
Format =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 360
Left = 337
Height = 37
Width = 83
Picture = ..\IMAGENS\wzclose.bmp
Caption = "Retorna"

```

```

TerminateRead = .T.
Name = "Command1"
procedure Click
    Thisform.release

ENDPROC
Top = 8
Left = 402
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 20320 IN Screen
ENDPROC

```

1.36 FORMS\TMAT0420.SCX

```

Left = 0
Top = 0
Width = 792
Height = 419
InitialSelectedAlias = "mat0020"
Name = "Dataenvironment"
Left = -6
Top = 23
Width = 90
Height = 90
Alias = "mat0020"
Order = "imaterial"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "Cursor1"
ScaleMode = 3
Height = 368
Width = 577
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TMAT0420"
Closable = .f.
ControlBox = .f.
Visible = .f.
HelpContextID = 20330
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TMAT0420"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "layoutsty"
Label1.Caption = "Manutenção de Dados
Básicos de Materiais"
Label1.Width = 509
Label1.TabIndex = 1
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 7
Shape1.Top = 42
Shape1.Width = 563
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 7
Shape2.Top = 43

```

```

Shape2.Width = 563
Shape2.Name = "Shape2"
Shape3.Left = 7
Shape3.Top = 330
Shape3.Width = 563
Shape3.Name = "Shape3"
Shape4.Left = 7
Shape4.Top = 331
Shape4.Width = 563
Shape4.Name = "Shape4"
procedure bot_refresca

```

```

Thisform.Combo_Classe.Enabled=!Thisform.
Combo_Classe.Enabled
    Thisform.Combo_Classe.Refresh

```

```

Thisform.Combo_Und_com.Enabled=!Thisfo
rm.Combo_Und_com.Enabled
    Thisform.Combo_Und_com.Refresh

```

```

*
ThisForm.Combo_Und_Trab.Enabled=!This
Form.Combo_Und_Trab.Enabled
    * ThisForm.Combo_Und_Trab.Refresh

```

```

ENDPROC
procedure Init

```

```

Thisform.Combo_Classe.Value=MAT0020.cl
asse_mat

```

```

Thisform.Combo_Und_com.Value=MAT002
0.und

```

```

*
ThisForm.Combo_UND_TRAB.value=mat00
20.undw
    Thisform.fator.Value=MAT0020.fator

```

```

ENDPROC
procedure Destroy
    sele MAT0020
    use MAT0020 exclusive
    pack
    reindex
    use MAT0020 shared

```

```

ENDPROC
FontBold = .T.
Caption = "Material:"
Left = 10
Top = 61
Visible = .T.
Width = 59
TabIndex = 2
Name = "LBLMATERIAL1"
FontBold = .T.
Value =
ControlSource = "mat0020.material"
Enabled = .f.
Height = 23
InputMask = "XXXX"
Left = 89
TabIndex = 3
Top = 53
Visible = .T.
Width = 50
Name = "MATERIAL1"
FontBold = .T.
Caption = "Classe:"
Left = 219
Top = 89
Visible = .T.
Width = 59
TabIndex = 6
Name = "LBLCLASSE_MAT1"
FontBold = .T.
Caption = "Denominação:"

```

```

Height = 13
Left = 184
Top = 56
Visible = .T.
Width = 75
TabIndex = 4
Name = "LBLNOME_MAT1"
FontBold = .T.
Value =
ControlSource = "mat0020.nome_mat"
Enabled = .f.
Height = 23
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 270
TabIndex = 5
Top = 53
Visible = .T.
Width = 293
Name = "NOME_MAT"
FontBold = .T.
Caption = "Unidades:"
Left = 11
Top = 128
Visible = .T.
Width = 59
TabIndex = 9
Name = "LBLUND1"
FontBold = .T.
Caption = "Descrição:"
Left = 144
Top = 199
Visible = .T.
Width = 59
TabIndex = 18
Name = "LBLDESCRICA01"
FontBold = .T.
BackColor = 255,255,255
ForeColor = 128,128,128
Height = 125
Left = 205
ReadOnly = .T.
TabIndex = 19
Top = 196
Visible = .T.
Width = 358
Value =
ControlSource = "mat0020.descricao"
Name = "DESCRICA01"
AutoSize = .T.
FontSize = 8
BackStyle = 0
Caption = "a) Acondicionamento Comercial:"
Height = 16
Left = 87
Top = 128
Width = 178
TabIndex = 10
Name = "Label2"
AutoSize = .T.
FontSize = 8
BackStyle = 0
Caption = "b) Trabalho no SICRO:"
Height = 16
Left = 144
Top = 161
Width = 118
TabIndex = 13
Name = "Label3"
AutoSize = .T.
FontSize = 8
BackStyle = 0
Caption = "Fator de Conversão:"
Height = 16
Left = 338

```

```

Top = 161
Width = 111
TabIndex = 16
Name = "Label4"
FontSize = 8
ControlSource = "mat0020.fator"
Enabled = .f.
Height = 24
Left = 466
StatusBarText = "Fator de conversão:
unidade comercial = fator * unidade de
trabalho"
TabIndex = 17
ToolTipText = "Fator de conversão da
unidade de trabalho para a comercial"
Top = 157
Width = 97
Name = "Fator"
Top = 338
Left = 43
Width = 522
Height = 24
TabIndex = 20
Name = "Botoes"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
procedure cmdAdd.Click
    Thisform.bot_refresca
    TxtBtns.cmdAdd::Click

ENDPROC
procedure cmdEdit.Click
    Thisform.bot_refresca
    TxtBtns.cmdEdit::Click

ENDPROC
FontSize = 8
BoundColumn = 2
ColumnCount = 2
ColumnWidths = "180,59"
RowSourceType = 3
RowSource = "Select nome_mat,classe_mat
from mat0010 into cursor classemat"
ControlSource = ""
Enabled = .f.
Height = 24
Left = 324
TabIndex = 8
Top = 85
Width = 239
Name = "Combo_classe"
procedure Valid

Thisform.classemat.Value=Thisform.Combo_
Classe.Value
ENDPROC
FontSize = 8
BoundColumn = 1
ColumnCount = 2
ColumnWidths = "30,209"
RowSourceType = 3
RowSource = "Select
codigo,denominaca,fator,unidade_w from
par0030 into cursor undc"
ControlSource = ""
Enabled = .f.
Height = 24
Left = 324

```

```

Sorted = .f.
TabIndex = 12
Top = 120
Width = 239
Name = "Combo_und_com"
procedure Valid
    with Thisform

.unicom.Value=.Combo_Und_com.Value
*
.Combo_Und_Trab.value=UndC.unidade_w
.unitrab.Value=UndC.unidade_w
.fator.Value=UndC.fator
Endwith
ENDPROC
FontBold = .T.
Value =
ControlSource = "mat0020.classe_mat"
Enabled = .f.
Height = 23
InputMask = "XXXX"
Left = 269
ReadOnly = .T.
TabIndex = 7
Top = 85
Visible = .T.
Width = 50
Name = "classemat"
FontBold = .T.
Value =
ControlSource = "mat0020.und"
Enabled = .f.
Height = 23
InputMask = "XXXX"
Left = 269
ReadOnly = .T.
StatusBarText = "Unidade de
condicionamento comercial do material"
TabIndex = 11
ToolTipText = "Unidade de
condicionamento comercial do material"
Top = 121
Visible = .T.
Width = 50
Name = "unicom"
FontBold = .T.
Value =
ControlSource = "mat0020.undw"
Enabled = .f.
Height = 23
InputMask = "XXXX"
Left = 269
ReadOnly = .T.
StatusBarText = "Unidade de trabalho nas
composições do SICRO"
TabIndex = 14
ToolTipText = "Unidade de trabalho nas
composições do SICRO"
Top = 158
Visible = .T.
Width = 50
Name = "unitrab"
Top = 8
Left = 544
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 21
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 20330 IN Screen
ENDPROC

*****

```

I.37 FORMS\TPAR0010.SCX

```

Name = "Dataenvironment"
Alias = "par0010"
BufferModeOverride = 5
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "CURSOR1"
ScaleMode = 3
Height = 191
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TPAR0010"
Visible = .f.
HelpContextID = 20370
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TPAR0010"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Manutenção de UF"
Label1.Width = 223
Label1.Name = "Label1"
Shape1.Name = "Shape1"
Shape2.Name = "Shape2"
Shape3.Top = 135
Shape3.Name = "Shape3"
Shape4.Top = 136
Shape4.Name = "Shape4"
Caption = "UF:"
Left = 10
Top = 61
Visible = .T.
Width = 68
Name = "LBLUF1"
Value = RS
ControlSource = "par0010.uf"
Enabled = .f.
InputMask = "XX"
Left = 98
Top = 57
Visible = .T.
Width = 30
Name = "UF1"
Caption = "Denominação:"
Left = 10
Top = 84
Visible = .T.
Width = 68
Name = "LBLDENOMINACAO1"
Value = Rio Grande do Sul
ControlSource = "par0010.denominacao"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 98
Top = 80
Visible = .T.
Width = 255
Name = "DENOMINACAO1"
Caption = "Região:"
Left = 10
Top = 107
Visible = .T.
Width = 68

```

```
Name = "LBLREGIAO1"
Value = SU
ControlSource = "par0010.regiao"
Enabled = .f.
InputMask = "XX"
Left = 98
Top = 103
Visible = .T.
Width = 30
Name = "REGIAO1"
Top = 144
Left = 12
Width = 522
Height = 24
Name = "Botoes"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 9
Left = 528
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 21
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 20370 IN Screen
ENDPROC
```

1.38 FORMS\TPAR0020.SCX

```
Name = "Dataenvironment"
Alias = "par0020"
BufferModeOverride = 5
Database = ..\sicro.dbc
CursorSource = "par0020"
Name = "CURSOR1"
ScaleMode = 3
Height = 191
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TPAR0020"
Visible = .f.
HelpContextID = 20380
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TPAR0020"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Taxas do Sistema"
Label1.Width = 204
Label1.Name = "Label1"
Shape1.Name = "Shape1"
Shape2.Name = "Shape2"
Shape3.Top = 135
Shape3.Name = "Shape3"
Shape4.Top = 136
```

```
Shape4.Name = "Shape4"
FontBold = .T.
Caption = "Obra:"
Left = 10
Top = 61
Visible = .T.
Width = 57
Name = "LBLSEQUENCIA1"
Alignment = 1
Value = 0
ControlSource = "par0020.sequencia"
Enabled = .f.
Left = 87
Top = 57
Visible = .T.
Width = 48
Name = "SEQUENCIA1"
FontBold = .T.
Caption = "Taxa:"
Height = 13
Left = 10
Top = 84
Visible = .T.
Width = 71
Name = "LBLTAXA_JUROS1"
Alignment = 1
Value = 0.00
ControlSource = "par0020.taxa_juros"
Enabled = .f.
InputMask = "99.99"
Left = 87
Top = 80
Visible = .T.
Width = 48
Name = "TAXA_JUROS1"
FontBold = .T.
Caption = "LDI:"
Left = 10
Top = 107
Visible = .T.
Width = 57
Name = "LBLBDI1"
Alignment = 1
Value = 0.00
ControlSource = "par0020.bdi"
Enabled = .f.
InputMask = "99.99"
Left = 87
Top = 103
Visible = .T.
Width = 48
Name = "BDI1"
Top = 144
Left = 12
Width = 522
Height = 24
Name = "Botoes"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 7
Left = 542
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 21
DisabledForeColor = 128,128,128
Name = "auxilio"
```

```
procedure Click
HELP ID 20380 IN Screen
ENDPROC
```

1.39 FORMS\TPAR0030.SCX

```
Left = 141
Top = 146
Width = 400
Height = 161
InitialSelectedAlias = "par0030"
Name = "Dataenvironment"
Alias = "par0030"
BufferModeOverride = 5
Order = "icod"
Database = ..\sicro.dbc
CursorSource = "par0030"
Name = "CURSOR1"
ScaleMode = 3
Height = 238
Width = 598
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TPAR0030"
Visible = .f.
HelpContextID = 20390
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TPAR0030"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Unidades de Medida"
Label1.Width = 240
Label1.Name = "Label1"
Shape1.Left = 5
Shape1.Name = "Shape1"
Shape2.Left = 5
Shape2.Top = 41
Shape2.Name = "Shape2"
Shape3.Left = 18
Shape3.Top = 196
Shape3.Name = "Shape3"
Shape4.Left = 18
Shape4.Top = 197
Shape4.Name = "Shape4"
Value = M
ControlSource = "par0030.codigo"
Enabled = .f.
InputMask = "XXX"
Left = 105
Top = 57
Visible = .T.
Width = 40
Name = "uni_com"
Caption = "Denominação"
Height = 13
Left = 10
Top = 84
Visible = .T.
Width = 68
Name = "LBLUNIDADE1"
Value = metro
ControlSource = "par0030.denominaca"
Enabled = .f.
Height = 21
```

```

InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXX"
Left = 105
Top = 80
Visible = .T.
Width = 335
Name = "denomina"
Top = 204
Left = 24
Width = 522
Height = 24
Name = "Botoes"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Caption = "Unidade Trab:"
Height = 13
Left = 10
Top = 112
Visible = .T.
Width = 87
Name = "Embossedlabel2"
Value = M
ControlSource = "par0030.unidade_w"
Enabled = .f.
Height = 21
InputMask = "XXX"
Left = 105
Top = 108
Visible = .T.
Width = 40
Name = "uni_trab"
Caption = "Unidade comercial:"
Height = 13
Left = 10
Top = 60
Visible = .T.
Width = 97
Name = "Embossedlabel3"
Value = metro
ControlSource = "par0030.fator"
Enabled = .f.
Height = 21
InputMask = "99999999.99999999"
Left = 105
Top = 144
Visible = .T.
Width = 148
Name = "fator"
Caption = "Fator :."
Height = 13
Left = 10
Top = 148
Visible = .T.
Width = 87
Name = "Embossedlabel4"
Top = 8
Left = 549
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 21
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 20390 IN Screen
ENDPROC

```

```
*****
```

1.40 FORMS\TPAR0040.SCX

```

Left = 128
Top = 188
Width = 400
Height = 116
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor1"
ScaleMode = 3
Height = 243
Width = 424
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TPAR040"
HelpContextID = 20400
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TPAR0040"
FontBold = .T.
Caption = "Processo:"
Height = 13
Left = 133
Top = 96
Visible = .T.
Width = 54
Name = "LBLPROCESSO1"
FontBold = .T.
FontSize = 10
Alignment = 2
ControlSource = "par0040.processo"
Height = 21
Left = 200
Top = 92
Visible = .T.
Width = 87
Name = "PROCESSO1"
FontBold = .T.
FontSize = 10
Alignment = 2
ControlSource = "par0040.critica"
Height = 21
Left = 200
Top = 134
Visible = .T.
Width = 87
Name = "critica"
FontBold = .T.
Caption = "Crítica:"
Height = 13
Left = 133
Top = 138
Visible = .T.
Width = 54
Name = "Embossedlabel2"
Top = 20
Left = 372
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 21
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 20400 IN Screen
ENDPROC

```

```

Top = 204
Left = 307
Height = 29
Width = 94
Caption = "Fechar"
Name = "CmdFechar"
procedure Click
Thisform.release

ENDPROC
AutoSize = .T.
FontSize = 18
BackStyle = 0
Caption = "Datas de Processamento"
Height = 32
Left = 18
Top = 17
Width = 283
Name = "Label3"
BorderColor = 255,255,255
Height = 1
Left = 12
Top = 61
Width = 400
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 12
Top = 62
Width = 400
Name = "Shape2"
BorderColor = 255,255,255
Height = 1
Left = 12
Top = 189
Width = 400
Name = "Shape3"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 12
Top = 190
Width = 400
Name = "Shape4"

*****

1.41 FORMS\TPAR0110.SCX
Name = "Dataenvironment"
Height = 228
Width = 430
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TPAR0110"
HelpContextID = 20410
icon = ..\IMAGENS\dner02.ico
Name = "TPAR0110"
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Parâmetros do Sistema"
Height = 35
Left = 60
Top = 36
Width = 308
Name = "Label1"
Top = 91
Left = 56
Height = 29
Width = 94
Caption = "10 - Unid Fed"
Name = "Command1"

```

```

procedure Click
  do form TPAR0010
ENDPROC
Top = 139
Left = 56
Height = 29
Width = 94
Caption = "20 - Taxas"
Name = "Command2"
procedure Click
  do form TPAR0020
ENDPROC
Top = 91
Left = 284
Height = 29
Width = 94
Caption = "30 - Und Med"
Name = "Command3"
procedure Click
  do form TPAR0030
ENDPROC
Top = 187
Left = 176
Height = 29
Width = 94
Caption = "Fechar"
Name = "CmdFechar"
procedure Click
  Thisform.release

ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 72
Top = 12
Width = 265
Name = "Label2"
Top = 139
Left = 284
Height = 29
Width = 94
Caption = "40 - Datas"
Name = "Command5"
procedure Click
  do form TPAR0040
ENDPROC
Top = 12
Left = 384
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 21
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
  HELP ID 20410 IN Screen
ENDPROC
FORMS\VIEWCODE.FRX

*****

1.42 FORMS\VIEWCODE.SCX

Name = "Dataenvironment"
Top = 28
Left = 4
DoCreate = .T.
Caption = "Code Window"
Name = "frmViewCode"
edtText.ControlSource = ""
edtText.Name = "edtText"
cmdClose.Name = "cmdClose"
cmdPrint.TabIndex = 3

```

```

cmdPrint.Name = "cmdPrint"
procedure Init
  *-- (c) Microsoft Corporation 1995

  LPARAMETER
tnCallingFormDataSessionID
  this.DataSessionID =
tnCallingFormDataSessionID
  Thisform.edtText.ControlSource =
"viewcode.code"
  Thisform.edtText.Refresh()
ENDPROC
procedure cmdPrint.Click
  LOCAL lnAnswer
  lnAnswer =
MESSAGEBOX(VIEWCODEPRINT_LOC,
;
  MB_ICONQUESTION + MB_YESNO,
;
  TASTRADE_LOC)
IF lnAnswer = IDYES
  Thisform.WaitMode(.T.)
IF PRINTSTATUS()
  wait WINDOW NOWAIT
PRINTING_LOC
  REPORT form viewcode to
PRINTER NOCONSOLE
ELSE
=MESSAGEBOX(PRINTERNOTREADY_L
OC, MB_ICONEXCLAMATION)
  ENDIF
  wait CLEAR
  Thisform.WaitMode(.f.)
ENDIF

ENDPROC

```

1.43 FORMS\CTR\TCTR0120.SCX

```

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 161
Top = 10
Width = 90
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor1"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "eqp0040"
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor2"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "eqp0010"
Order = "iclasse"
Database = ..\sicro.dbc
CursorSource = "eqp0010"
Name = "Cursor3"
Left = 440
Top = 10
Width = 90
Height = 90

```

```

Alias = "che0010"
Database = ..\sicro.dbc
CursorSource = "che0010"
Name = "Cursor4"
Left = 580
Top = 10
Width = 90
Height = 90
Alias = "che0020"
Database = ..\sicro.dbc
CursorSource = "che0020"
Name = "Cursor5"
Left = 20
Top = 130
Width = 90
Height = 90
Alias = "mao0010"
Database = ..\sicro.dbc
CursorSource = "mao0010"
Name = "Cursor6"
Left = 160
Top = 130
Width = 90
Height = 90
Alias = "mat0020"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "Cursor7"
Height = 301
Width = 520
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0120"
HelpContextID = 40030
icon = ..\IMAGENS\dner02.ico
Name = "TCTR0120"
procedure Load
  PUBLIC dataproc

  *This.tag=classeusu
  *IF USED("GLOBAL")
  * if !have()
  * QUIT
  * ENDIF
  *ELSE
  * QUIT
  *endif

ENDPROC
procedure Init
  PUBLIC pSelecao, pClasse, mkDel

  mkDel = .f.

  with Thisform
    .combo_equip.Enabled=.f.
    .combo_equip.Visible=.f.
    .ComboClass.Enabled=.f.
    .ComboClass.Visible=.f.
  .Refresh
  Endwith
ENDPROC
AutoSize = .T.
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Custos Rodoviários:"
Height = 35
Left = 12
Top = 36
Width = 271
TabIndex = 0
Name = "Label1"

```

```

Top = 132
Left = 408
Height = 29
Width = 97
Caption = "Mão de Obra"
TabIndex = 1
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "MaoDeObra"
procedure Click
    with Thisform.opcao

        pSelecao="
        pClasse="

        do CASE

            CASE .Value=1
            && todos os equipamentos

            CASE .Value=2
            IF !empty(Thisform.combo_equip.Value
)
                pSelecao =
                Thisform.combo_equip.Value    &&
                seleção de um equipamento
                ENDIF

            CASE .Value=3
            IF !empty(Thisform.ComboClass.Value
)
                pClasse =
                Thisform.ComboClass.Value    &&
                Seleção de uma classe
                ENDIF

            ENDCASE

            do form TCTR0121 with pSelecao,
            pClasse
            Endwith

        ENDPROC
        Top = 7
        Left = 477
        Height = 26
        Width = 28
        Picture = ..\IMAGENS\HELP.bmp
        Caption = ""
        TabIndex = 7
        DisabledForeColor = 128,128,128
        Name = "auxilio"
        procedure Click
            HELP ID 40030 IN Screen

        ENDPROC
        FontSize = 10
        BackStyle = 0
        Caption = "DNER - Gerência de Custos
Rodoviários"
        Height = 18
        Left = 12
        Top = 11
        Width = 301
        TabIndex = 0
        Name = "Label2"
        BorderColor = 255,255,255
        Height = 1
        Left = 10
        Top = 104
        Width = 498
        Name = "Shape1"
        BackColor = 128,128,128
        BorderColor = 128,128,128
        Height = 1

Left = 10
Top = 105
Width = 498
Name = "Shape2"
Caption = "Equipamentos - "
Height = 1
Left = 64
Top = 282
Width = 13
TabIndex = 0
Name = "Label5"
AutoSize = .T.
FontOutline = .f.
FontSize = 10
FontUnderline = .T.
BackStyle = 0
Caption = "Seleção:"
Height = 18
Left = 14
Top = 123
Width = 56
TabIndex = 0
Name = "Label4"
AutoSize = .T.
FontName = "Arial"
FontSize = 14
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Custo Horário dos Equipamentos"
Height = 25
Left = 11
Top = 72
Width = 308
TabIndex = 0
Name = "Label6"
BoundColumn = 1
ColumnCount = 2
ColumnWidths = "30,350"
RowSourceType = 3
RowSource = 'select eqp0040.equipamento,
rtrim(eqp0040.fabricante) + " / "+
rtrim(eqp0040.modelo) + " / "+
rtrim(eqp0040.tipo_eqp) from eqp0040 into
cursor equip order by 1'
DisplayValue =
ControlSource = ""
Height = 24
ColumnLines = .T.
Left = 36
NumberOfElements = 0
TabIndex = 5
Top = 236
Width = 121
Name = "Combo_Equip"
procedure Valid
    sele Eqp0040
    SEEK Thisform.combo_equip.Value
    Thisform.Refresh
ENDPROC
Top = 252
Left = 408
Height = 29
Width = 97
Picture = ..\
Caption = "Fechar"
TabIndex = 8
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "Cancela"
procedure Click
    sele class
    use
    sele equip
    use

SELECT "0" FROM Eqp0010 INTO
CURSOR rctr0110
sele rctr0110
use

    Thisform.release
ENDPROC
AutoSize = .T.
ButtonCount = 3
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 82
Left = 13
Top = 144
Width = 225
TabIndex = 4
Name = "Opcao"
Option1.BackStyle = 0
Option1.Caption = "Todos os Equipamentos"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 215
Option1.AutoSize = .f.
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Um Equipamento"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 32
Option2.Width = 184
Option2.AutoSize = .f.
Option2.Name = "Option2"
Option3.BackStyle = 0
Option3.Caption = "Uma Classe de
Equipamentos"
Option3.Value = 0
Option3.Height = 18
Option3.Left = 5
Option3.Top = 59
Option3.Width = 207
Option3.AutoSize = .f.
Option3.Name = "Option3"
procedure Valid
    with Thisform
        do CASE
            CASE .opcao.Value=1
            .combo_equip.Enabled=.f.
            .combo_equip.Visible=.f.
            .ComboClass.Enabled=.f.
            .ComboClass.Visible=.f.

            CASE .opcao.Value=2
            .combo_equip.Enabled=.T.
            .combo_equip.Visible=.T.
            .ComboClass.Enabled=.f.
            .ComboClass.Visible=.f.

            CASE .opcao.Value=3
            .combo_equip.Enabled=.f.
            .combo_equip.Visible=.f.
            .ComboClass.Enabled=.T.
            .ComboClass.Visible=.T.

        ENDCASE
        .Refresh
    Endwith
ENDPROC
BoundColumn = 1
ColumnCount = 2
ColumnWidths = "30,260"
RowSourceType = 3

```

```

RowSource = "select eqp0010.classe,
eqp0010.descricao from EQP0010 into
cursor class"
DisplayValue =
ControlSource = ""
Height = 24
ColumnLines = .T.
Left = 36
NumberOfElements = 0
TabIndex = 6
Top = 241
Width = 121
Name = "ComboClass"
procedure Valid
sele Eqp0010
SEEK Thisform.ComboClass.Value Order
1
Thisform.Refresh

```

```

ENDPROC
Top = 212
Left = 408
Height = 29
Width = 97
Caption = "Relatório"
TabIndex = 3
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "Realatorio"
procedure Click
with Thisform.opcao
do CASE
CASE .Value=1
&& todos os equipamentos
*-----
SELECT DISTINCT ;
Eqp0040.classe AS classe,
Eqp0040.equipamento AS equipamento, "1"
AS reg, " " AS codigo, ;
Eqp0010.descricao AS desc_classe, ;
Eqp0040.fabricante AS fabricante,
Eqp0040.modelo AS modelo,
Eqp0040.tipo_eqp AS tipo_eqp, ;
Eqp0040.fonte_energia AS
fonte_energia, Eqp0040.fabricante AS nome,
0000000000 AS qtd, ;
" " AS unidade ;
FROM Eqp0040, Eqp0010 ;
WHERE Eqp0040.classe =
Eqp0010.classe ;
Order BY 1, 2, 3, 4 ;
INTO CURSOR rctr0110 ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0010.equipamento, "2",
Che0010.mao_de_obra AS codigo, ;
" ", " ", " ", " ", " ", " ",
mao0010.descricao AS nome, ;
Che0010.quantidade, " " ;
FROM Che0010, Eqp0040, mao0010
;
WHERE Che0010.equipamento =
Eqp0040.equipamento and ;
Che0010.mao_de_obra =
mao0010.mao_d_obra ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0020.equipamento, "3",
Che0020.material AS codigo, ;
" ", " ", " ", " ", " ", " ",
MAT0020.Nome_mat AS nome, ;
Che0020.quantidade, MAT0020.undw
AS unidade ;
FROM Che0020, Eqp0040,
MAT0020 ;
WHERE Che0020.equipamento =
Eqp0040.equipamento and ;
Eqp0040.classe =
Thisform.ComboClass.Value and ;
Che0020.material =
MAT0020.material ;
UNION ALL ;
SELECT Eqp0040.classe,
eqp0050.equipamento, "4",
eqp0050.componente AS codigo, ;
" ", " ", " ", " ", " ", " ",
1, " " ;
FROM Eqp0040, eqp0050 ;
WHERE ;

```

```

Che0020.quantidade, MAT0020.undw
AS unidade ;
FROM Che0020, Eqp0040,
MAT0020 ;
WHERE Che0020.equipamento =
Eqp0040.equipamento and ;
Che0020.material =
MAT0020.material ;
UNION ALL ;
SELECT Eqp0040.classe,
eqp0050.equipamento, "4",
eqp0050.componente AS codigo, ;
" ", " ", " ", " ", " ", " ",
1, " " ;
FROM Eqp0040, eqp0050 ;
WHERE ;
eqp0050.equipamento =
Eqp0040.equipamento

do form impressa with "rctr0110"

CASE .Value=2 && seleção de um
equipamento
*-----
SELECT DISTINCT ;
Eqp0040.classe AS classe,
Eqp0040.equipamento AS equipamento, "1"
AS reg, " " AS codigo, ;
Eqp0010.descricao AS desc_classe, ;
Eqp0040.fabricante AS fabricante,
Eqp0040.modelo AS modelo,
Eqp0040.tipo_eqp AS tipo_eqp, ;
Eqp0040.fonte_energia AS
fonte_energia, Eqp0040.fabricante AS nome,
0000000000 AS qtd, ;
" " AS unidade ;
FROM Eqp0040, Eqp0010 ;
WHERE Eqp0040.classe =
Eqp0010.classe and ;
Eqp0040.equipamento =
Thisform.combo equip.Value ;
Order BY 1, 2, 3, 4 ;
INTO CURSOR rctr0110 ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0010.equipamento, "2",
Che0010.mao_de_obra AS codigo, ;
" ", " ", " ", " ", " ", " ",
mao0010.descricao AS nome, ;
Che0010.quantidade, " " ;
FROM Che0010, Eqp0040, mao0010
;
WHERE Che0010.equipamento =
Thisform.combo equip.Value and ;
Che0010.equipamento =
Eqp0040.equipamento and ;
Che0010.mao_de_obra =
mao0010.mao_d_obra ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0020.equipamento, "3",
Che0020.material AS codigo, ;
" ", " ", " ", " ", " ", " ",
MAT0020.Nome_mat AS nome, ;
Che0020.quantidade, MAT0020.undw
AS unidade ;
FROM Che0020, Eqp0040,
MAT0020 ;
WHERE Che0020.equipamento =
Eqp0040.equipamento and ;
Eqp0040.classe =
Thisform.ComboClass.Value and ;
Che0020.material =
MAT0020.material ;
UNION ALL ;
SELECT Eqp0040.classe,
eqp0050.equipamento, "4",
eqp0050.componente AS codigo, ;
" ", " ", " ", " ", " ", " ",
1, " " ;
FROM Eqp0040, eqp0050 ;
WHERE ;

```

```

SELECT Eqp0040.classe,
eqp0050.equipamento, "4",
eqp0050.componente AS codigo, ;
" ", " ", " ", " ", " ", " ",
1, " " ;
FROM Eqp0040, eqp0050 ;
WHERE Eqp0050.equipamento =
Thisform.combo equip.Value and ;
eqp0050.equipamento =
Eqp0040.equipamento

do form impressa with "rctr0110"

CASE .Value=3 && Seleção de
uma classe
*-----
SELECT DISTINCT ;
Eqp0040.classe AS classe,
Eqp0040.equipamento AS equipamento, "1"
AS reg, " " AS codigo, ;
Eqp0010.descricao AS desc_classe, ;
Eqp0040.fabricante AS fabricante,
Eqp0040.modelo AS modelo,
Eqp0040.tipo_eqp AS tipo_eqp, ;
Eqp0040.fonte_energia AS
fonte_energia, Eqp0040.fabricante AS nome,
0000000000 AS qtd, ;
" " AS unidade ;
FROM Eqp0040, Eqp0010 ;
WHERE Eqp0040.classe =
Eqp0010.classe and ;
Eqp0040.classe =
Thisform.ComboClass.Value ;
Order BY 1, 2, 3, 4 ;
INTO CURSOR rctr0110 ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0010.equipamento, "2",
Che0010.mao_de_obra AS codigo, ;
" ", " ", " ", " ", " ", " ",
mao0010.descricao AS nome, ;
Che0010.quantidade, " " ;
FROM Che0010, Eqp0040, mao0010
;
WHERE Che0010.equipamento =
Eqp0040.equipamento and ;
Eqp0040.classe =
Thisform.ComboClass.Value and ;
Che0010.mao_de_obra =
mao0010.mao_d_obra ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0020.equipamento, "3",
Che0020.material AS codigo, ;
" ", " ", " ", " ", " ", " ",
MAT0020.Nome_mat AS nome, ;
Che0020.quantidade, MAT0020.undw
AS unidade ;
FROM Che0020, Eqp0040,
MAT0020 ;
WHERE Che0020.equipamento =
Eqp0040.equipamento and ;
Eqp0040.classe =
Thisform.ComboClass.Value and ;
Che0020.material =
MAT0020.material ;
UNION ALL ;
SELECT Eqp0040.classe,
eqp0050.equipamento, "4",
eqp0050.componente AS codigo, ;
" ", " ", " ", " ", " ", " ",
1, " " ;
FROM Eqp0040, eqp0050 ;
WHERE ;

```



```

Eqp0040.classe =
Thisform.ComboClass.Value and ;
eqp0050.equipamento =
Eqp0040.equipamento

```

```
do form impressa with "rctr0110"
```

```
ENDCASE
```

```
Endwith
```

```
ENDPROC
```

```

Top = 172
Left = 409
Height = 29
Width = 97
Caption = "Materiais"
TabIndex = 2
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "Materiais"
procedure Click
with Thisform.opcao

```

```

pSelecao="
pClasse="

```

```
do CASE
```

```

CASE .Value=1
&& todos os equipamentos

```

```

CASE .Value=2
IF !empty(Thisform.combo equip.Value
)

```

```

pSelecao =
Thisform.combo equip.Value &&
seleção de um equipamento
ENDIF

```

```

CASE .Value=3
IF !empty(Thisform.ComboClass.Value
)

```

```

pClasse =
Thisform.ComboClass.Value &&
Seleção de uma classe
ENDIF

```

```
ENDCASE
```

```

do form TCTR0122 with pSelecao,
pClasse
Endwith

```

```
ENDPROC
```

```
*****
```

1.44 FORMSCTR\TCTR0121.SCX

```

Left = -63
Top = 53
Width = 792
Height = 419
InitialSelectedAlias = "eqp0040"
Name = "Dataenvironment"
Left = 217
Top = 21
Width = 97
Height = 114
Alias = "eqp0040"
BufferModeOverride = 5
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
FILTER = (Eqp0040.montagem = .f.)

```

```

Name = "Cursor1"
Left = 384
Top = 67
Width = 90
Height = 90
Alias = "eqp0010"
Order = "iclasse"
Database = ..\sicro.dbc
CursorSource = "eqp0010"
Name = "Cursor3"
ParentAlias = "eqp0040"
RelationalExpr = "classe"
ChildAlias = "eqp0010"
ChildOrder = "iclasse"
Name = "Relation2"
Left = 455
Top = 210
Width = 115
Height = 88
Alias = "mao0010"
Order = "imaodeobra"
Database = ..\sicro.dbc
CursorSource = "mao0010"
Name = "Cursor4"
Left = 257
Top = 233
Width = 90
Height = 90
Alias = "che0010"
BufferModeOverride = 1
Database = ..\sicro.dbc
CursorSource = "che0010"
Name = "Cursor5"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "che0010"
ChildOrder = "eqp"
Name = "Relation1"
ParentAlias = "che0010"
RelationalExpr = "mao_de_obra"
ChildAlias = "mao0010"
ChildOrder = "imaodeobra"
Name = "Relation3"
ScaleMode = 3
Height = 444
Width = 541
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0121"
Visible = .f.
HelpContextID = 40040
icon = ..\IMAGENS\dner02.ico
WindowType = 0
windowstate = 0
LockScreen = .f.
Name = "TCTR0121"
layoutsty.Shape1.Name = "SHAPE1"
layoutsty.Shape2.Name = "SHAPE2"
layoutsty.Shape3.Name = "SHAPE3"
layoutsty.Shape4.Name = "SHAPE4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "LAYOUTSTY"
Label1.Caption = "Custo Horário de
Equipamentos:"
Label1.Left = 12
Label1.Top = 2
Label1.Width = 389
Label1.TabIndex = 0

```

```

Label1.Name = "LABEL1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 66
Shape1.Width = 525
Shape1.Name = "SHAPE1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 67
Shape2.Width = 525
Shape2.Name = "SHAPE2"
Shape3.Left = 6
Shape3.Top = 402
Shape3.Width = 525
Shape3.Name = "SHAPE3"
Shape4.Left = 6
Shape4.Top = 403
Shape4.Width = 525
Shape4.Name = "SHAPE4"
procedure bot_refresca
with Thisform
.Refresh
Endwith
sele Eqp0040
ENDPROC
procedure Activate
sele Eqp0040
ENDPROC
procedure Init
Parameter pSelecao, pClasse
sele Eqp0040
set Order to tag iequip
IF !empty(pSelecao)
set FILTER to
Eqp0040.equipamento=pSelecao
ELSE
IF !empty(pClasse)
set FILTER to
Eqp0040.classe=pClasse
ENDIF
ENDIF
GO Top
ENDPROC
procedure Load
*This.tag=classeusu
*IF USED("GLOBAL")
* if !have()
* QUIT
* ENDEF
*ELSE
* QUIT
*endif
ENDPROC
procedure Destroy
IF mkDel = .T.
set exclusive on
sele Che0010
use Che0010 exclusive
pack
reindex
set exclusive off
mkDel = .f.
ENDIF
sele mao
use
ENDPROC
procedure Refresh
sele Eqp0040

```

```

ENDPROC
FontBold = .T.
Caption = "Equipamento:"
Height = 13
Left = 9
Top = 86
Visible = .T.
Width = 75
TabIndex = 0
Name = "LBLEQUIPAMENTO1"
FontBold = .T.
Value =
ControlSource = "eqp0040.equipamento"
Enabled = .f.
Height = 24
InputMask = "XXXX"
Left = 94
ReadOnly = .T.
TabIndex = 0
Top = 80
Visible = .T.
Width = 56
Name = "EQUIPAMENTO"
AutoSize = .T.
FontBold = .T.
Caption = "Classe:"
Left = 171
Top = 84
Visible = .T.
Width = 41
TabIndex = 0
Name = "LBLCLASSE1"
FontBold = .T.
Value =
ControlSource = "eqp0040.classe"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 221
ReadOnly = .T.
TabIndex = 0
Top = 80
Visible = .T.
Width = 46
Name = "CLASSE1"
FontBold = .T.
Caption = "Fabricante:"
Left = 9
Top = 111
Visible = .T.
Width = 64
TabIndex = 0
Name = "LBLFABRICANTE1"
FontBold = .T.
Value =
ControlSource = "eqp0040.fabricante"
Enabled = .f.
Height = 21
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 94
ReadOnly = .T.
TabIndex = 0
Top = 107
Visible = .T.
Width = 313
Name = "FABRICANTE"
FontBold = .T.
Caption = "Modelo:"
Left = 9
Top = 134
Visible = .T.

```

```

Width = 64
TabIndex = 0
Name = "LBLMODELO1"
FontBold = .T.
Value =
ControlSource = "eqp0040.modelo"
Enabled = .f.
Height = 21
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 94
ReadOnly = .T.
TabIndex = 0
Top = 130
Visible = .T.
Width = 313
Name = "MODELO"
AutoSize = .T.
FontBold = .T.
Caption = "Tipo:"
Left = 9
Top = 158
Visible = .T.
Width = 27
TabIndex = 0
Name = "LBLTIPO_EQP1"
FontBold = .T.
Value =
ControlSource = "eqp0040.tipo_eqp"
Enabled = .f.
Height = 21
InputMask = ""
Left = 94
ReadOnly = .T.
TabIndex = 0
Top = 153
Visible = .T.
Width = 313
Name = "TIPO_EQP"
Top = 19
Left = 502
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 6
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40040 IN Screen
ENDPROC
AutoSize = .f.
FontName = "Times New Roman"
FontSize = 20
BackStyle = 0
Caption = "Mão-de-Obra"
Height = 34
Left = 86
Top = 32
Width = 160
TabIndex = 0
Name = "Label2"
FontSize = 8
ControlSource = "eqp0010.descricao"
Height = 24
Left = 276
ReadOnly = .T.
TabIndex = 0
Top = 80
Width = 253
Name = "descricao"
Top = 412
Left = 40
Width = 482

```

```

Height = 26
TabIndex = 1
Name = "Edita_btns1"
cmdPrev.Name = "CMDPREV"
cmdNext.Name = "CMDNEXT"
cmdTop.Name = "CMDTOP"
cmdEnd.Name = "CMDEND"
cmdFind.Name = "CMDFIND"
cmdPrint.Name = "CMDPRINT"
cmdExit.Name = "CMDEXIT"
cmdAdd.Name = "CMDADD"
cmdDelete.Name = "CMDDELETE"
cmdEdit.Name = "CMDEDIT"
procedure cmdPrev.Click
    Thisform.grid1.Column1.Text1.Value =
    Thisform.Combo1.Value=""
    TxtBtns::cmdPrev.Click
ENDPROC
procedure cmdNext.Click
    Thisform.grid1.Column1.Text1.Value =
    Thisform.Combo1.Value=""
    TxtBtns::cmdNext.Click
ENDPROC
procedure cmdTop.Click
    Thisform.grid1.Column1.Text1.Value =
    Thisform.Combo1.Value=""
    TxtBtns::cmdTop.Click
ENDPROC
procedure cmdEnd.Click
    Thisform.grid1.Column1.Text1.Value =
    Thisform.Combo1.Value=""
    TxtBtns::cmdEnd.Click
ENDPROC
procedure cmdAdd.Click
    Edita_Btns::cmdAdd.Click
    with Thisform
        .includ.Enabled=!.includ.Enabled
        .exclud.Enabled=!.exclud.Enabled
        .Combo1.Enabled=!.Combo1.Enabled
    Endwith
ENDPROC
procedure cmdEdit.Click
    Edita_Btns::cmdEdit.Click
    with Thisform
        .includ.Enabled=!.includ.Enabled
        .exclud.Enabled=!.exclud.Enabled
        .Combo1.Enabled=!.Combo1.Enabled
    Endwith
ENDPROC
ColumnCount = 3
ChildOrder = ""
DeleteMark = .f.
Height = 172
Left = 62
LinkMaster = ""
ReadOnly = .f.
RecordSource = "che0010"
RecordSourceType = 1
RelationalExpr = ""
ScrollBars = 2
TabIndex = 4
tag = ""
Top = 180
Visible = .T.
Width = 417
Comment = " "
Name = "Grid1"
Column1.Bound = .f.
Column1.ControlSource = ""
Column1.Width = 84
Column1.ReadOnly = .T.

```

```

Column1.Sparse = .f.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource = ""
Column2.Width = 80
Column2.ReadOnly = .f.
Column2.Sparse = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"mao0010.descricao"
Column3.Width = 220
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Alignment = 2
Caption = "Mão-de-Obra"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "che0010.mao_de_obra"
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
procedure Init
    Thisform.grid1.Column1.Text1.Value = "

```

```

ENDPROC
Alignment = 2
Caption = "Quantidade"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ControlSource = "che0010.quantidade"
ForeColor = 0,0,0
InputMask = "999,999.9999"
Margin = 2
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ControlSource = "mao0010.descricao"
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 364
Left = 69
Height = 24
Width = 74
Caption = "Inclusão"
TabIndex = 3
Name = "Inclui"
procedure Click
    set deleted off

```

```

IF !empty(Thisform.Combo1.Value)

    sele Che0010
    set Order to ichave
    GO Top

```

```

LOCATE FOR Che0010.equipamento =
Eqp0040.equipamento and
mao_de_obra=Thisform.Combo1.Value
IF !FOUND()
    INSERT INTO Che0010
(equipamento, mao_de_obra, quantidade);
VALUES
(Eqp0040.equipamento,Thisform.Combo1.Va
lue,1)
=TableUpdate(.T.)
ELSE
    IF deleted()
        recall next 1
        =msg('2')
        =TableUpdate(.T.)
    ELSE
        =msg('1')
        set deleted on
        RETURN
    ENDIF
ENDIF
ENDIF
set deleted on

Thisform.grid1.Refresh
Thisform.Combo1.Value = ""
Thisform.Refresh
ELSE
    =msg('3')
ENDIF
set deleted on

```

```

ENDPROC
Top = 364
Left = 397
Height = 24
Width = 74
Caption = "Exclusão"
TabIndex = 5
Name = "Exclui"
procedure Click
    IF
!empty(Thisform.grid1.Column1.Text1.Value
)
        sele Che0010
        set Order to ichave
        IF perg('Deseja eliminar a linha com o
código =
'+Thisform.grid1.Column1.Text1.Value) =
.T.
            DELETE FROM Che0010 WHERE
Che0010.equipamento =
Eqp0040.equipamento and ;
mao_de_obra=Thisform.grid1.Column1.Text
1.Value

            mkDel = .T.
            =TableUpdate(.T.)
            Thisform.grid1.Refresh
            Thisform.Combo1.Value = ""
            Thisform.Refresh
        ENDIF
    ELSE
        =msg('4')
    ENDIF

```

```

ENDPROC
ColumnCount = 2
ColumnWidths = "40,260"
RowSourceType = 3

```

```

RowSource = "select * from mao0010 into
cursor mao order by mao0010.mao_d_obra"
ControlSource = ""
FirstElement = 1
Height = 24
Left = 168
NumberOfElements = 0
TabIndex = 2
Top = 364
Width = 205
Name = "Combo1"

```

1.45 FORMSCTR\TCTR0122.SCX

```

Left = -63
Top = 53
Width = 792
Height = 419
InitialSelectedAlias = "eqp0040"
Name = "Dataenvironment"
Left = 217
Top = 21
Width = 97
Height = 114
Alias = "eqp0040"
BufferModeOverride = 5
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
FILTER = (Eqp0040.montagem = .f.)
Name = "Cursor1"
Left = 398
Top = 18
Width = 90
Height = 90
Alias = "eqp0010"
Order = "iclasse"
Database = ..\sicro.dbc
CursorSource = "eqp0010"
Name = "Cursor3"
ParentAlias = "eqp0040"
RelationalExpr = "classe"
ChildAlias = "eqp0010"
ChildOrder = "iclasse"
Name = "Relation2"
Left = 223
Top = 198
Width = 90
Height = 90
Alias = "che0020"
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "che0020"
Name = "Cursor2"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "che0020"
ChildOrder = "eqp"
Name = "Relation4"
Left = 374
Top = 200
Width = 90
Height = 90
Alias = "mat0020"
Order = "imaterial"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "Cursor6"
ParentAlias = "che0020"
RelationalExpr = "material"
ChildAlias = "mat0020"
ChildOrder = "imaterial"
Name = "Relation5"
ScaleMode = 3
Height = 444

```

```

Width = 541
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0122"
Visible = .f.
HelpContextID = 40050
icon = ..\IMAGENS\dner02.ico
WindowType = 0
windowstate = 0
LockScreen = .f.
Name = "TCTR0122"
layoutsty.Shape1.Name = "SHAPE1"
layoutsty.Shape2.Name = "SHAPE2"
layoutsty.Shape3.Name = "SHAPE3"
layoutsty.Shape4.Name = "SHAPE4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "LAYOUTSTY"
Label1.Caption = "Custo Horário de
Equipamentos:"
Label1.Left = 12
Label1.Top = 2
Label1.Width = 389
Label1.TabIndex = 0
Label1.Name = "LABEL1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 66
Shape1.Width = 525
Shape1.Name = "SHAPE1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 67
Shape2.Width = 525
Shape2.Name = "SHAPE2"
Shape3.Left = 6
Shape3.Top = 402
Shape3.Width = 525
Shape3.Name = "SHAPE3"
Shape4.Left = 6
Shape4.Top = 403
Shape4.Width = 525
Shape4.Name = "SHAPE4"
procedure bot_refresca
    with Thisform
        .Refresh
    Endwith

    sele Eqp0040

ENDPROC
procedure Refresh

    sele Eqp0040

ENDPROC
procedure Destroy
    IF mkDel = .T.
        set exclusive on
        sele Che0020
        use Che0020 exclusive
        pack
        reindex
        set exclusive off
        mkDel = .f.
    ENDIF

```

```

    sele mat
    use
ENDPROC
procedure Load
    *This.tag=classeusu
    *IF USED("GLOBAL")
    * if !chave()
    * QUIT
    * ENDIF
    *ELSE
    * QUIT
    *endif

ENDPROC
procedure Init
    Parameter pSelecao, pClasse

    sele Eqp0040
    set Order to tag iequip

    IF !empty(pSelecao)
        set FILTER to
Eqp0040.equipamento=pSelecao
    ELSE
        IF !empty(pClasse)
            set FILTER to
Eqp0040.classe=pClasse
        ENDIF
    ENDIF
    GO Top

ENDPROC
procedure Activate
    sele Eqp0040
ENDPROC
FontBold = .T.
Caption = "Equipamento:"
Height = 13
Left = 9
Top = 86
Visible = .T.
Width = 75
TabIndex = 0
Name = "LBLEQUIPAMENTO1"
FontBold = .T.
Value =
ControlSource = "eqp0040.equipamento"
Enabled = .f.
Height = 24
InputMask = "XXXX"
Left = 94
ReadOnly = .T.
TabIndex = 0
Top = 80
Visible = .T.
Width = 56
Name = "EQUIPAMENTO"
AutoSize = .T.
FontBold = .T.
Caption = "Classe:"
Left = 171
Top = 84
Visible = .T.
Width = 41
TabIndex = 0
Name = "LBLCLASSE1"
FontBold = .T.
Value =
ControlSource = "eqp0040.classe"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 221
ReadOnly = .T.
TabIndex = 0
Top = 80

```

```

Visible = .T.
Width = 46
Name = "CLASSE1"
FontBold = .T.
Caption = "Fabricante:"
Left = 9
Top = 111
Visible = .T.
Width = 64
TabIndex = 0
Name = "LBLFABRICANTE1"
FontBold = .T.
Value =
ControlSource = "eqp0040.fabricante"
Enabled = .f.
Height = 21
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 94
ReadOnly = .T.
TabIndex = 0
Top = 107
Visible = .T.
Width = 313
Name = "FABRICANTE"
FontBold = .T.
Caption = "Modelo:"
Left = 9
Top = 134
Visible = .T.
Width = 64
TabIndex = 0
Name = "LBLMODELO1"
FontBold = .T.
Value =
ControlSource = "eqp0040.modelo"
Enabled = .f.
Height = 21
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 94
ReadOnly = .T.
TabIndex = 0
Top = 130
Visible = .T.
Width = 313
Name = "MODELO"
AutoSize = .T.
FontBold = .T.
Caption = "Tipo:"
Left = 9
Top = 158
Visible = .T.
Width = 27
TabIndex = 0
Name = "LBLTIPO_EQP1"
FontBold = .T.
Value =
ControlSource = "eqp0040.tipo_eqp"
Enabled = .f.
Height = 21
InputMask = ""
Left = 94
ReadOnly = .T.
TabIndex = 0
Top = 153
Visible = .T.
Width = 313
Name = "TIPO_EQP"
Top = 14
Left = 502
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp

```

```

Caption = ""
TabIndex = 6
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40050 IN Screen

ENDPROC
AutoSize = .f.
FontName = "Times New Roman"
FontSize = 20
BackStyle = 0
Caption = "Material"
Height = 34
Left = 86
Top = 32
Width = 160
TabIndex = 0
Name = "Label2"
FontSize = 8
ControlSource = "eqp0010.descricao"
Height = 24
Left = 276
ReadOnly = .T.
TabIndex = 0
Top = 80
Width = 253
Name = "descricao"
Top = 412
Left = 40
Width = 482
Height = 26
TabIndex = 1
Name = "Edita_btms1"
cmdPrev.Name = "CMDPREV"
cmdNext.Name = "CMDNEXT"
cmdTop.Name = "CMDTOP"
cmdEnd.Name = "CMDEND"
cmdFind.Name = "CMDFIND"
cmdPrint.Name = "CMDPRINT"
cmdExit.Name = "CMDEXIT"
cmdAdd.Name = "CMDADD"
cmdDelete.Name = "CMDDELETE"
cmdEdit.Name = "CMDEDIT"
procedure cmdPrev.Click
    Thisform.grid1.Column1.Text1.Value = "
    Thisform.Combo1.Value=""
    TxtBtms::cmdPrev.Click

ENDPROC
procedure cmdNext.Click
    Thisform.grid1.Column1.Text1.Value = "
    Thisform.Combo1.Value=""
    TxtBtms::cmdNext.Click

ENDPROC
procedure cmdTop.Click
    Thisform.grid1.Column1.Text1.Value = "
    Thisform.Combo1.Value=""
    TxtBtms::cmdTop.Click

ENDPROC
procedure cmdEnd.Click
    Thisform.grid1.Column1.Text1.Value = "
    Thisform.Combo1.Value=""
    TxtBtms::cmdEnd.Click

ENDPROC
procedure cmdAdd.Click
    Edita_btms::cmdAdd.Click
    with Thisform
        .incluir.Enabled=!.incluir.Enabled
        .excluir.Enabled=!.excluir.Enabled
        .Combo1.Enabled=!.Combo1.Enabled
    Endwith

```

```

ENDPROC
procedure cmdEdit.Click
    Edita_btms::cmdEdit.Click
    with Thisform
        .incluir.Enabled=!.incluir.Enabled
        .excluir.Enabled=!.excluir.Enabled
        .Combo1.Enabled=!.Combo1.Enabled
    Endwith
ENDPROC
ColumnCount = 3
ChildOrder = ""
DeleteMark = .f.
Height = 172
Left = 62
LinkMaster = ""
ReadOnly = .f.
RecordSource = "che0020"
RecordSourceType = 1
RelationalExpr = ""
ScrollBars = 2
TabIndex = 4
tag = ""
Top = 180
Visible = .T.
Width = 417
Comment = " "
Name = "Grid1"
Column1.Bound = .f.
Column1.ControlSource = ""
Column1.Width = 84
Column1.ReadOnly = .T.
Column1.Sparse = .f.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource = ""
Column2.Width = 80
Column2.ReadOnly = .f.
Column2.Sparse = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource = "mat0020.nome_mat"
Column3.Width = 220
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Alignment = 2
Caption = "Material"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "che0020.material"
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
procedure Init
    Thisform.grid1.Column1.Text1.Value = "

ENDPROC
Alignment = 2
Caption = "Quantidade"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ControlSource = "che0020.quantidade"
ForeColor = 0,0,0
InputMask = "999,999.9999"
Margin = 2

```

```

ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ControlSource = "mat0020.nome_mat"
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 364
Left = 69
Height = 24
Width = 74
Caption = "Inclusão"
TabIndex = 3
Name = "Incluir"
procedure Click
    set deleted off

    IF !empty(Thisform.Combo1.Value)

        sele Che0020
        set Order to ichave
        GO Top
        LOCATE FOR Che0020.equipamento =
Eqp0040.equipamento and
material=Thisform.Combo1.Value
        IF !FOUND()
            INSERT INTO Che0020
(equipamento, material, quantidade);
            VALUES
(Eqp0040.equipamento,Thisform.Combo1.Va
lue,1)
            =TableUpdate(.T.)
        ELSE
            IF deleted()
                recall next 1
                =msg(2)
                =TableUpdate(.T.)
            ELSE
                =msg(1)
                set deleted on
                RETURN
            ENDIF
        ENDIF
        set deleted on

        Thisform.grid1.Refresh
        Thisform.Combo1.Value = ""
        Thisform.Refresh
    ELSE
        =msg(3)
    ENDIF

    set deleted on

ENDPROC
Top = 364
Left = 397
Height = 24
Width = 74
Caption = "Exclusão"
TabIndex = 5
Name = "Excluir"
procedure Click
    IF
!empty(Thisform.grid1.Column1.Text1.Value
)

```

```

sele Che0020
set Order to ichave
IF perg('Deseja eliminar a linha com o
código =
'+Thisform.grid1.Column1.Text1.Value) =
.T.

```

```

DELETE FROM Che0020 WHERE
Che0020.equipamento =
Eqp0040.equipamento and ;

```

```

material=Thisform.grid1.Column1.Text1.Val
ue

```

```

mkDel = .T.
=TableUpdate(.T.)
Thisform.grid1.Refresh
Thisform.Combo1.Value = ""
Thisform.Refresh
ENDIF

```

```

ELSE
=msg(4')
ENDIF

```

```

ENDPROC
ColumnCount = 2
ColumnWidths = "40,260"
RowSourceType = 3
RowSource = "select material, nome_mat
from mat0020 into cursor mat order by 1"
ControlSource = ""
FirstElement = 1
Height = 24
Left = 168
NumberOfElements = 0
TabIndex = 2
Top = 364
Width = 205
Name = "Combo1"

```

1.46 FORMSCTR\TCTR0130.SCX

```

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "par0010"
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
ReadOnly = .T.
Name = "Cursor3"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
ReadOnly = .T.
Name = "Cursor2"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "pep0040"
BufferModeOverride = 1
Order = "local_eq"

```

```

Database = ..\sicro.dbc
CursorSource = "pep0040"
Name = "Cursor1"
Left = 440
Top = 10
Width = 90
Height = 90
Alias = "pep0070"
Database = ..\sicro.dbc
CursorSource = "pep0070"
Name = "Cursor4"
Left = 580
Top = 10
Width = 90
Height = 90
Alias = "pep0080"
Database = ..\sicro.dbc
CursorSource = "pep0080"
Name = "Cursor5"
Left = 20
Top = 130
Width = 90
Height = 90
Alias = "che0010"
Database = ..\sicro.dbc
CursorSource = "che0010"
ReadOnly = .T.
Name = "Cursor6"
Left = 160
Top = 130
Width = 90
Height = 90
Alias = "che0020"
Database = ..\sicro.dbc
CursorSource = "che0020"
Name = "Cursor7"
Left = 300
Top = 130
Width = 90
Height = 90
Alias = "eqp0040"
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
ReadOnly = .T.
Name = "Cursor8"
Left = 580
Top = 130
Width = 90
Height = 90
Alias = "par0020"
Database = ..\sicro.dbc
CursorSource = "par0020"
Name = "Cursor10"
Left = 447
Top = 136
Width = 90
Height = 90
Alias = "eqp0050"
Database = ..\sicro.dbc
CursorSource = "eqp0050"
Name = "Cursor9"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "eqp0050"
ChildOrder = "icomp"
Name = "Relation1"
Left = 160
Top = 250
Width = 90
Height = 90
Alias = "eqp0010"
Database = ..\sicro.dbc
CursorSource = "eqp0010"
Name = "Cursor12"
ParentAlias = "eqp0010"

```

```

RelationalExpr = "classe"
ChildAlias = "eqp0040"
ChildOrder = "iclasse"
Name = "Relation3"
ParentAlias = "pep0040"
RelationalExpr = "cod_uf"
ChildAlias = "par0010"
ChildOrder = "iuf"
Name = "Relation2"
Left = 303
Top = 259
Width = 90
Height = 90
Alias = "eqpv0041"
Database = ..\sicro.dbc
CursorSource = "eqpv0041"
Name = "Cursor11"
Height = 278
Width = 472
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0130"
HelpContextID = 40060
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TCTR0130"
procedure Init
PUBLIC datapro, par_uf
par_uf = " "
ENDPROC
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Custo Horário dos Equipamentos"
Height = 37
Left = 15
Top = 34
Width = 447
TabIndex = 1
Name = "Label1"
Top = 223
Left = 45
Height = 29
Width = 92
Caption = "Calcula"
TabIndex = 2
Name = "Calcula"
procedure Click
private juros, chaveatu, situacao
set date to DMY
chaveatu = .f.
datapro =
ctod(Thisform.combo_data.Value)
par_uf = Thisform.Combo_uf.Value

sele par0020
LOCATE FOR sequencia = 0
juros = par0020.taxa_juros/100.00

sele pep0040
set FILTER to pep0040.cod_uf = par_uf
GO Top

SELECT DISTINCT ;
pep0040.cod_uf AS xtuf,
max(pep0040.hora_operas) AS xtst ;
FROM pep0040 ;
INTO CURSOR testa ;
WHERE pep0040.cod_uf =
Thisform.Combo_uf.Value ;
and pep0040.pesquisa = datapro ;

```

```

situacao = reccount()

IF situacao > 0
    situacao = 1
    LOCATE FOR xtuf =
Thisform.Combo_uf.Value and testa.xtst >
$0.00
    IF FOUND() = .T.
        IF perg('Já existem valores para
UF/Data - Recalcular ?') = .f.
            situacao = 2
        ENDIF
    ENDIF
ENDIF

IF situacao = 1

    set exclusive on

    SELECT DISTINCT ;
        pep0040.cod_uf AS cod_uf,
pep0040.equipamento AS equipamento, ;
        pep0040.pesquisa AS pesquisa, ;

sum(Che0020.quantidade*pep0070.valor_ma
t) AS opera_mat ;
        FROM Che0020, pep0070, pep0040 ;
        INTO CURSOR atu_Mat ;
        WHERE Che0020.equipamento =
pep0040.equipamento ;
        and Che0020.material =
pep0070.material ;
        and pep0040.cod_uf =
Thisform.Combo_uf.Value ;
        and pep0040.pesquisa = datapro ;
        and pep0070.pesquisa = datapro ;
        and pep0070.cod_uf =
Thisform.Combo_uf.Value ;
        Order BY 1,2,3 ;
        GROUP BY 1,2,3 ;
        UNION SELECT ;
        pep0040.cod_uf AS cod_uf,
pep0040.equipamento AS equipamento, ;
        pep0040.pesquisa AS pesquisa, ;
        $0.00 AS opera_mat ;
        FROM pep0040 ;
        WHERE pep0040.equipamento NOT
IN (SELECT Che0020.equipamento FROM
Che0020) ;
        and pep0040.cod_uf =
Thisform.Combo_uf.Value ;
        and pep0040.pesquisa = datapro

        SELECT DISTINCT ;
        pep0040.cod_uf AS cod_uf,
pep0040.equipamento AS equipamento, ;
        pep0040.pesquisa AS pesquisa, ;

sum(Che0010.quantidade*pep0080.hora_mo)
AS opera_mo ;
        FROM Che0010, pep0080, pep0040 ;
        INTO CURSOR atu_MO ;
        WHERE Che0010.equipamento =
pep0040.equipamento ;
        and Che0010.mao_de_obra =
pep0080.mao_d_obra ;
        and pep0040.cod_uf =
Thisform.Combo_uf.Value ;
        and pep0080.cod_uf =
Thisform.Combo_uf.Value ;
        and pep0040.pesquisa = datapro ;
        and pep0080.pesquisa = datapro ;
        Order BY 1,2,3 ;
        GROUP BY 1,2,3 ;
        UNION SELECT ;

        pep0040.cod_uf AS cod_uf,
pep0040.equipamento AS equipamento, ;
        pep0040.pesquisa AS pesquisa, ;
        $0.00 AS opera_mo ;
        FROM pep0040, atu_MO, atu_Mat,
EQPV0041 ;
        INTO CURSOR WCTR0130 ;
        WHERE pep0040.cod_uf =
Thisform.Combo_uf.Value ;
        and pep0040.pesquisa = datapro ;
        and pep0040.equipamento =
EQPV0041.equipamento ;
        and EQPV0041.montagem = .f. ;
        and atu_Mat.equipamento =
pep0040.equipamento ;
        and atu_MO.equipamento =
pep0040.equipamento ;
        Order BY 1,2,3 ;
        UNION SELECT ;
        pep0040.cod_uf AS cod_uf,
pep0040.equipamento AS equipamento, ;
        pep0040.pesquisa AS pesquisa, ;
        pep0040.aquisicao AS aquisicao, ;
        ;
        ;
        (pep0040.aquisicao*( $1.0 -
(EQPV0041.valor_res/$100.0))) / ;

(EQPV0041.vida_util*EQPV0041.horas_ano
) AS depreciaca, ;
        ;
        ;
        (pep0040.aquisicao*EQPV0041.taxa*( $1+E
QPV0041.vida_util) ) / ;
        ($2 * EQPV0041.vida_util *
EQPV0041.horas_ano) AS remunera, ;
        (pep0040.aquisicao*EQPV0041.coef_k)/ ;

(EQPV0041.horas_ano*EQPV0041.vida_util
) AS manutencao, ;
        atu_Mat.operat AS opera_mat, ;
        atu_MO.operat AS opera_mo, ;
        $0.0000 AS hora_operat, ;
        $0.0000 AS hora_parad, ;
        FROM pep0040, atu_MO, atu_Mat,
EQPV0041 ;
        INTO CURSOR WCTR0130 ;
        WHERE pep0040.cod_uf =
Thisform.Combo_uf.Value ;
        and pep0040.pesquisa = datapro ;
        and pep0040.equipamento =
EQPV0041.equipamento ;
        and EQPV0041.montagem = .f. ;
        and atu_Mat.equipamento =
pep0040.equipamento ;
        and atu_MO.equipamento =
pep0040.equipamento ;
        Order BY 1,2,3 ;
        UNION SELECT ;
        pep0040.cod_uf AS cod_uf,
pep0040.equipamento AS equipamento, ;
        pep0040.pesquisa AS pesquisa, ;
        $0.0000 AS opera_mat, ;
        $0.0000 AS opera_mo, ;
        $0.0000 AS hora_operat, ;
        $0.0000 AS hora_parad, ;
        FROM pep0040, EQPV0041 ;
        WHERE pep0040.cod_uf =
Thisform.Combo_uf.Value ;
        and pep0040.pesquisa = datapro ;
        and pep0040.equipamento =
EQPV0041.equipamento ;
        and EQPV0041.montagem = .f. ;
        and pep0040.equipamento NOT IN
(SELECT atum.eqp FROM atum)

        LOCATE FOR WCTR0130.cod_uf =
Thisform.Combo_uf.Value
do while FOUND() <> .f.
        UPDATE pep0040 ;
        set ;
        depreciacao =
IIF(WCTR0130.depreciaca>0,WCTR0130.de
preciaca,$0.0), ;
        remunera =
IIF(WCTR0130.remunera>0,WCTR0130.rem
unera,$0.0), ;
        manutencao =
IIF(WCTR0130.manutencao>0,WCTR0130.
manutencao,$0.0), ;
        opera_mat =
IIF((WCTR0130.operat>0 and
pep0040.aquisicao>0), ;
        WCTR0130.operat,$0.0), ;
        opera_mo =
IIF((WCTR0130.operamo>0 and
pep0040.aquisicao>0), ;
        WCTR0130.operamo,$0.0), ;
        hora_parado =
IIF(WCTR0130.operamo>0,WCTR0130.op
erat,$0.0), ;
        hora_operat =
IIF((WCTR0130.depreciaca+WCTR0130.re
munera+WCTR0130.manutencao + ;
        WCTR0130.operat+WCTR0130.operat
mo)>0, ;
        (WCTR0130.depreciaca+WCTR0130.remun
era+WCTR0130.manutencao + ;
        WCTR0130.operat+
WCTR0130.operamo,$0.0) ;
        WHERE pep0040.cod_uf =
WCTR0130.cod_uf ;
        and pep0040.equipamento =
WCTR0130.equipament ;
        and pep0040.pesquisa = datapro

        chaveatu = .T.
        CONTINUE
        enddo

        ***** Cálculo de valores
para equipamentos montados
        *****

```

```

SELECT ;
  par_uf AS cod_uf,
  eqp0050.equipamento AS equipamento,
  dataproz AS pesquisa, ;
  ;
  sum(pep0040.aquisicao) AS aquisicao, ;
  sum(pep0040.depreciacao) AS
depreciaca, ;
  sum(pep0040.remunera) AS remunera, ;
  sum(pep0040.manutencao) AS
manutencao, ;
  sum(pep0040.opera_mat) AS opera_mat,
;
  sum(pep0040.opera_mo) AS opera_mo,
;
  sum(pep0040.hora_operas) AS
hora_operas, ;
  sum(pep0040.hora_parado) AS
hora_parado ;
  ;
  INTO CURSOR monta ;
  FROM eqp0050, pep0040 ;
  WHERE eqp0050.componente =
pep0040.equipamento ;
  and pep0040.pesquisa = dataproz ;
  and pep0040.cod_uf = par_uf ;
  Order BY 1,2,3 ;
  GROUP BY 1,2,3

DELETE FROM pep0040 ;
  WHERE pep0040.pesquisa = dataproz ;
  and pep0040.cod_uf = par_uf ;
  and pep0040.equipamento IN ( SELECT
equipament FROM monta)

sele pep0040
use pep0040 exclusive
pack
reindex

sele monta
LOCATE FOR cod_uf =
Thisform.Combo_uf.Value
do while FOUND() <> .f.

INSERT INTO pep0040 ;
  (cod_uf, equipamento, pesquisa,
aquisicao, depreciacao, remunera, ;
manutencao, opera_mat, opera_mo,
hora_parado, hora_operas) ;
  VALUES ;
  (monta.cod_uf, ;
monta.equipament, ;
monta.pesquisa, ;

IIF(monta.aquisicao>0,monta.aquisicao,$0.0)
, ;

IIF(monta.depreciaca>0,monta.depreciaca,$0.0)
, ;

IIF(monta.remunera>0,monta.remunera,$0.0),
;

IIF(monta.manutencao>0,monta.manutencao,
$0.0), ;

IIF(monta.opera_mat>0,monta.opera_mat,$0.0)
, ;

IIF(monta.opera_mo>0,monta.opera_mo,$0.0)
), ;

IIF(monta.hora_parado>0,monta.hora_parado
,$0.0), ;

```

```

IIF(monta.hora_operas>0,monta.hora_operas,$
0.0) )

chaveatu = .T.
CONTINUE
enddo

*****
*****

sele WCTR0130
use
sele monta
use
sele atum
use

set exclusive off

ENDIF

IF situacao > 0
  do form tctr0140 with
Thisform.Combo_uf.Value, dataproz
ELSE
  =msg("5")
ENDIF

sele testa
use

ENDPROC
Top = 7
Left = 428
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 8
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
  HELP ID 40060 IN Screen

ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 15
Top = 14
Width = 301
TabIndex = 0
Name = "Label2"
BorderColor = 255,255,255
Height = 1
Left = 17
Top = 103
Width = 438
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 17
Top = 104
Width = 438
Name = "Shape2"
BackStyle = 0
Caption = "UF - "
Height = 18
Left = 36

```

```

Top = 121
Width = 33
TabIndex = 3
Name = "Label4"
FontName = "Arial"
FontSize = 16
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Cálculo do Valor"
Height = 26
Left = 15
Top = 68
Width = 307
TabIndex = 0
Name = "Label8"
BorderColor = 255,255,255
Height = 1
Left = 17
Top = 197
Width = 439
Name = "Shape9"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 17
Top = 198
Width = 439
Name = "Shape10"
Top = 223
Left = 331
Height = 29
Width = 92
Caption = "Fechar"
Enabled = .T.
TabIndex = 9
Name = "Cancela"
procedure Click
  SELECT " " AS dataproz FROM pep0040
INTO CURSOR atualiza
  SELECT " " AS dataproz FROM pep0040
INTO CURSOR atu_Mat
  SELECT " " AS dataproz FROM pep0040
INTO CURSOR atu_MO

sele datauf
use

sele atualiza
use

sele atu_Mat
use

sele atu_MO
use

sele datapesq
use

Thisform.release
ENDPROC
ColumnCount = 2
ColumnWidths = "30,175"
RowSourceType = 3
RowSource = "select uf, denominacao from
par0010 into cursor datauf order by 1 where
uf in (select distinct cod_uf from pep0040)"
Value = RJ
FirstElement = 1
Height = 24
Left = 74
NumberOfElements = 0
StatusBarText = ("Selecione a UF desejada")
TabIndex = 4

```



```

ToolTipText = ""
Top = 117
Width = 229
Name = "Combo_UF"
AutoSize = .T.
BackColor = 0
Caption = "Data Base de Cálculo - "
Height = 18
Left = 36
Top = 162
Width = 148
TabIndex = 5
Name = "Label3"
Alignment = 0
RowSourceType = 3
RowSource = "select distinct pesquisa from
PEP0040 order by 1 DESC into cursor
datapesq"
DisplayValue = 1
Value = (datapesq)
ControlSource = " "
Height = 24
Left = 217
Sorted = .f.
TabIndex = 6
Top = 156
Visible = .T.
Width = 85
Name = "Combo_Data"
procedure Valid
    datapro =
ctod(Thisform.combo_data.Value)

```

```

ENDPROC
procedure Init
    datapro =
ctod(Thisform.combo_data.Value)

```

```

ENDPROC
procedure Click
    datapro =
ctod(Thisform.combo_data.Value)

```

```

ENDPROC
Top = 223
Left = 188
Height = 29
Width = 92
Caption = "Relação"
TabIndex = 7
Name = "Relacao"
procedure Click
    datapro =
ctod(Thisform.combo_data.Value)
do form tctr0140 with
Thisform.Combo_uf.Value, datapro

```

```

ENDPROC

```

```

*****

```

1.47 FORMSCTR\TCTR0140.SCX

```

Left = 0
Top = 0
Width = 792
Height = 451
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "pep0040"
Order = "local_eq"
Database = ..\sicro.dbc

```

```

CursorSource = "pep0040"
Name = "Cursor1"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "par0010"
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor2"
ParentAlias = "pep0040"
RelationalExpr = "cod_uf"
ChildAlias = "par0010"
ChildOrder = "iuf"
Name = "Relation1"
Left = 160
Top = 195
Width = 90
Height = 90
Alias = "eqp0040"
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor3"
ParentAlias = "pep0040"
RelationalExpr = (pep0040.equipamento)
ChildAlias = "eqp0040"
ChildOrder = "iequip"
Name = "Relation2"
ScaleMode = 3
Height = 460
Width = 636
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0140"
Visible = .f.
HelpContextID = 40070
icon = ..\IMAGENS\dner02.ico
Name = "TCTR0140"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Custo Horário dos
Equipamentos"
Label1.Width = 393
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 11
Shape1.Top = 48
Shape1.Width = 579
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 11
Shape2.Top = 49
Shape2.Width = 579
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 9
Shape3.Top = 458
Shape3.Width = 1
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 9
Shape4.Top = 459
Shape4.Width = 1
Shape4.Name = "Shape4"
procedure Init

```

```

parameters par_uf, datapro
PUBLIC UFBASE

```

```

Thisform.Text2.Value = datapro
UFBASE=par_uf

```

```

sele par0010
SEEK UFBASE

```

```

sele pep0040
set FILTER to cod_uf=UFBASE and
pesquisa=datapro
GO Top
ENDPROC
ColumnCount = 11
ChildOrder = ""
DeleteMark = .f.
GridLines = 3
Height = 325
Left = 5
Panel = 1
ReadOnly = .T.
RecordMark = .f.
RecordSource = "pep0040"
Top = 96
Width = 627
Name = "Grid1"
Column1.Alignment = 2
Column1.Bound = .f.
Column1.ControlSource = ""
Column1.Width = 50
Column1.ReadOnly = .T.
Column1.Sparse = .f.
Column1.Name = "Column1"
Column2.Alignment = 3
Column2.Bound = .f.
Column2.ControlSource = ""
Column2.Width = 120
Column2.ReadOnly = .T.
Column2.Sparse = .f.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource = ""
Column3.Width = 90
Column3.ReadOnly = .T.
Column3.Sparse = .f.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ControlSource = ""
Column4.Width = 90
Column4.ReadOnly = .T.
Column4.Sparse = .f.
Column4.Name = "Column4"
Column5.Bound = .f.
Column5.ControlSource = ""
Column5.Width = 90
Column5.ReadOnly = .T.
Column5.Sparse = .f.
Column5.Name = "Column5"
Column6.Bound = .f.
Column6.ControlSource = ""
Column6.Width = 90
Column6.ReadOnly = .T.
Column6.Sparse = .f.
Column6.Name = "Column6"
Column7.Bound = .f.
Column7.ControlSource = ""
Column7.Width = 90
Column7.ReadOnly = .T.
Column7.Sparse = .f.
Column7.Name = "Column7"
Column8.Bound = .f.
Column8.ControlSource = ""
Column8.Width = 116
Column8.ReadOnly = .T.

```

```

Column8.Sparse = .f.
Column8.Name = "Column8"
Column9.Bound = .f.
Column9.ControlSource = ""
Column9.Width = 115
Column9.ReadOnly = .T.
Column9.Sparse = .f.
Column9.Name = "Column9"
Column10.FontSize = 9
Column10.Bound = .T.
Column10.ControlSource = "" +
ALLTRIM(eq0040.fabricante)+" - "+
ALLTRIM(eq0040.modelo) + " / " +
ALLTRIM(eq0040.tipo_eqp)'
Column10.Width = 380
Column10.ReadOnly = .T.
Column10.Sparse = .f.
Column10.Name = "Column10"
Column11.Alignment = 2
Column11.ControlSource =
"pep0040.equipamento"
Column11.Width = 50
Column11.ReadOnly = .T.
Column11.Name = "Column11"
Alignment = 2
Caption = "Código"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pep0040.equipamento"
ForeColor = 0,0,0
InputMask = "XXXX"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Aquisição"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pep0040.aquisicao"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Depreciação"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pep0040.depreciacao"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Impostos/SO"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pep0040.remunera"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Manutenção"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pep0040.manutencao"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Materiais"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pep0040.oper_a_mat"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Mão-de-Obra"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pep0040.oper_a_mo"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Operativo"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pep0040.hora_oper_a"
ForeColor = 0,0,0
InputMask = "999,999.9999"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Improdutivo"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pep0040.hora_parado"
ForeColor = 0,0,0
InputMask = "999,999.9999"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Equipamento"
Name = "Header1"
FontSize = 9
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 0
ColorSource = 3
Name = "Text1"
Caption = "Código"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 0
ColorSource = 3
Name = "Text1"
Alignment = 2
Name = "Text1"
Top = 6
Left = 564
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 40070 IN Screen

ENDPROC
Alignment = 0
ControlSource = "par0010.denominacao"
Height = 24
Left = 104
ReadOnly = .T.
Top = 60
Width = 255
Name = "denominacao"
Alignment = 2
ControlSource = ""
Height = 24
Left = 531
ReadOnly = .T.
Top = 60
Width = 88
Name = "Text2"
Alignment = 2
ControlSource = "pep0040.cod_uf"
Height = 24
Left = 66
ReadOnly = .T.
Top = 60
Width = 30
Name = "uf"
BackStyle = 0
Caption = "UF - "
Height = 18
Left = 24
Top = 63
Width = 33
Name = "Label2"
BackStyle = 0
Caption = "Data para os valores"
Height = 18
Left = 390
Top = 63
Width = 137
Name = "Label3"
Top = 426
Left = 550
Height = 29
Width = 80
Caption = "Fechar"
Name = "Fechar"
procedure Click
Thisform.release
ENDPROC

*****

I.48 FORMSCTR\TCTR0150.SCX

Left = 0
Top = 0
Width = 792
Height = 451
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"

```

```

Name = "Cursor1"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "pep0040"
Database = ..\sicro.dbc
CursorSource = "pep0040"
Name = "Cursor2"
Left = 20
Top = 130
Width = 90
Height = 90
Alias = "eqp0010"
Database = ..\sicro.dbc
CursorSource = "eqp0010"
Name = "Cursor3"
Left = 160
Top = 130
Width = 90
Height = 90
Alias = "pepv0040"
Database = ..\sicro.dbc
CursorSource = "pepv0040"
Name = "Cursor4"
Left = 304
Top = 16
Width = 90
Height = 90
Alias = "eqp0040"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor5"
Height = 284
Width = 507
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0150"
HelpContextID = 40080
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "tctr0150"
procedure Init
    PUBLIC datapro
ENDPROC
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Custo Horário de Equipamentos"
Height = 37
Left = 26
Top = 38
Width = 431
TabIndex = 0
Name = "Label1"
Top = 119
Left = 407
Height = 29
Width = 80
Caption = "Detalhado"
TabIndex = 1
Name = "ComCusto"
procedure Click
    with Thisform.escopo
        do CASE
            CASE .Value=1          &&
                todos os equipamentos / todas as uf
                SELECT ;
                    par0010.uf AS uf, ctod(datapro) AS
datap FROM par0010 ;
                    INTO CURSOR rctr0120 ;
                    WHERE uf IN (SELECT DISTINCT
cod_uf FROM pep0040 WHERE ;

```

```

                pesquisa = ctod(datapro)) ;
                Order BY 1

                do form impressa with "rctr0120"

                CASE .Value=2          &&
                selecao de uma uf
                SELECT ;
                    par0010.uf AS uf, ctod(datapro) AS
datap FROM par0010 ;
                    INTO CURSOR rctr0120 ;
                    WHERE uf IN (SELECT DISTINCT
cod_uf FROM pep0040 ;
                    WHERE cod_uf =
Thisform.Combo_uf.Value and ;
                    pesquisa = ctod(datapro)) ;
                    Order BY 1

                do form impressa with "rctr0120", '
cod_uf=' + "" + Thisform.Combo_uf.Value +
""

                CASE .Value=3          &&
                selecao de uma classe de equipamentos
                SELECT ;
                    par0010.uf AS uf, ctod(datapro) AS
datap FROM par0010 ;
                    INTO CURSOR rctr0120 ;
                    WHERE uf IN (SELECT DISTINCT
cod_uf FROM pepv0040 ;
                    WHERE classe =
Thisform.selec equip.Value and ;
                    pesquisa = ctod(datapro)) ;
                    Order BY 1

                do form impressa with "rctr0120",'
classe=' + "" + Thisform.selec equip.Value
+ ""

                ENDCASE
Endwith

ENDPROC
Top = 207
Left = 407
Height = 29
Width = 80
Caption = "Fechar"
TabIndex = 8
Name = "Cancela"
procedure Click
    sele datapesq
    use
    sele datauf
    use
    sele classe
    use
    SELECT '0' FROM par0010 INTO
CURSOR rctr0120
    sele rctr0120
    use

    Thisform.release
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 26
Top = 12
Width = 301
TabIndex = 0
Name = "Label2"

```

```

ButtonCount = 3
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 97
Left = 24
Top = 144
Width = 205
TabIndex = 4
Name = "Escopo"
Option1.BackStyle = 0
Option1.Caption = "Todos os Equipamentos"
Option1.Value = 1
Option1.Height = 20
Option1.Left = 0
Option1.Top = 5
Option1.Width = 205
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Seleção da UF"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 0
Option2.Top = 36
Option2.Width = 188
Option2.Name = "Option2"
Option3.BackStyle = 0
Option3.Caption = "Uma Classe de
Equipamentos"
Option3.Value = 0
Option3.Height = 18
Option3.Left = 0
Option3.Top = 68
Option3.Width = 205
Option3.Name = "Option3"
procedure Valid
    with Thisform
        do CASE
            CASE .escopo.Value=1
                .selec equip.Enabled=.f.
                .selec equip.Visible=.f.
                .Combo_uf.Enabled=.f.
                .Combo_uf.Visible=.f.

            CASE .escopo.Value=2
                .selec equip.Enabled=.f.
                .selec equip.Visible=.f.
                .Combo_uf.Enabled=.T.
                .Combo_uf.Visible=.T.

            CASE .escopo.Value=3
                .selec equip.Enabled=.T.
                .selec equip.Visible=.T.
                .Combo_uf.Enabled=.f.
                .Combo_uf.Visible=.f.

        ENDCASE
        .Refresh
    Endwith
ENDPROC
BoundColumn = 1
ColumnCount = 2
ColumnWidths = "40,200"
RowSourceType = 3
RowSource = "Select classe, descricao from
eqp0010 into cursor classe"
Enabled = .f.
FirstElement = 1
Height = 24
Left = 25
NumberOfElements = 0
TabIndex = 5
Top = 236
Visible = .f.
Width = 205

```

```

Name = "Selec equip"
Top = 9
Left = 459
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 7
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40080 IN Screen

ENDPROC
FontName = "Arial"
FontSize = 16
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Emissão de Relatórios"
Height = 37
Left = 26
Top = 81
Width = 287
TabIndex = 0
Name = "Label3"
ColumnCount = 3
ColumnWidths = "30,170,30"
RowSourceType = 3
RowSource = "select Par0010.Uf,
denominacao, regioao from par0010 into
cursor datauf order by 1 where par0010.uf IN
(select distinct cod_uf from pep0040)"
Value = RJ
FirstElement = 1
Height = 24
Left = 35
NumberOfElements = 0
StatusBarText = ("Selecione a UF desejada")
TabIndex = 6
ToolTipText = ""
Top = 236
Visible = .f.
Width = 240
Name = "Combo_UF"
BackStyle = 0
Caption = "Data de Referência: "
Height = 18
Left = 25
Top = 118
Width = 143
TabIndex = 0
Name = "Label9"
Alignment = 0
RowSourceType = 3
RowSource = "select distinct pesquisa from
pep0040 order by pesquisa DESC into cursor
datapesq"
DisplayValue = 1
Value = (datapesq)
ControlSource = " "
Height = 24
Left = 241
Sorted = .f.
TabIndex = 3
Top = 114
Visible = .T.
Width = 85
Name = "Combo_Data"
procedure Init
    dataproc = Thisform.combo_data.Value
ENDPROC
procedure Valid
    dataproc = Thisform.combo_data.Value
ENDPROC
procedure Refresh

    dataproc = Thisform.combo_data.Value
ENDPROC
Top = 163
Left = 407
Height = 29
Width = 80
Caption = "Resumo"
TabIndex = 2
Name = "Resumo"
procedure Click
    with Thisform.escopo
        do CASE
            CASE .Value=1          &&
                todos os equipamentos / todas as uf
                SELECT ;
                    par0010.uf AS uf, ctod(dataproc) AS
dataproc FROM par0010 ;
                    INTO CURSOR rctr0120 ;
                    WHERE uf IN (SELECT DISTINCT
cod_uf FROM pep0040 WHERE ;
                    pesquisa = ctod(dataproc)) ;
                    Order BY 1

                do form impressa with "rctr0130"

            CASE .Value=2          &&
                selecao de uma uf
                SELECT ;
                    par0010.uf AS uf, ctod(dataproc) AS
dataproc FROM par0010 ;
                    INTO CURSOR rctr0120 ;
                    WHERE uf IN (SELECT DISTINCT
cod_uf FROM pep0040 ;
                    WHERE cod_uf =
Thisform.Combo_uf.Value and ;
                    pesquisa = ctod(dataproc)) ;
                    Order BY 1

                do form impressa with "rctr0130", '
cod_uf=' + Thisform.Combo_uf.Value +
""

            CASE .Value=3          &&
                selecao de uma classe de equipamentos
                SELECT ;
                    par0010.uf AS uf, ctod(dataproc) AS
dataproc FROM par0010 ;
                    INTO CURSOR rctr0120 ;
                    WHERE uf IN (SELECT DISTINCT
cod_uf FROM pepv0040 ;
                    WHERE classe =
Thisform.selec equip.Value and ;
                    pesquisa = ctod(dataproc)) ;
                    Order BY 1

                do form impressa with "rctr0130", '
classe=' + Thisform.selec equip.Value
+ ""

        ENDCASE
    Endwith

ENDPROC

*****

I.49 FORMSCTR\TCTR0210.SCX

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 300
Top = 10

Width = 90
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor3"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor1"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "ser0010"
Order = "iservico"
Database = ..\sicro.dbc
CursorSource = "ser0010"
Name = "Cursor2"
Left = 440
Top = 10
Width = 90
Height = 90
Alias = "obra"
CursorSource = ..\TABELAS\obra.dbf
Name = "Cursor4"
Height = 301
Width = 480
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0210"
HelpContextID = 40090
icon = ..\IMAGENS\dner02.ico
Name = "tctr0210"
procedure Init
    PUBLIC pObra
    with Thisform
        .Combo_Servico.Enabled=.f.
        .Combo_Servico.Visible=.f.
        .ComboGrupo.Enabled=.f.
        .ComboGrupo.Visible=.f.
        .Refresh
    Endwith
ENDPROC
AutoSize = .T.
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Custos Rodoviários:"
Height = 35
Left = 12
Top = 36
Width = 271
Name = "Label1"
Top = 125
Left = 358
Height = 29
Width = 97
Caption = "Composição"
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "Composicao"
procedure Click
    with Thisform.opcao
        do CASE
            CASE .Value=1          && se NAO
selecionou uma atividade / servico
                do form TCTR0220
            CASE .Value=2

```

```

IF
!empty(Thisform.Combo_Servico.Value )
do form TCTR0220 with
Thisform.Combo_Servico.Value &&
cod_grupo + cod_composicao + cod_tipo +
classe_serv + cod_ident
ELSE
do form TCTR0220
ENDIF
CASE .Value=3
IF !empty(Thisform.ComboGrupo.Value
)
do form TCTR0220 with
Thisform.ComboGrupo.Value &&
Selecionou_cod_grupo
ELSE
do form TCTR0220
ENDIF
ENDCASE
Endwith

ENDPROC
Top = 7
Left = 427
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 40090 IN Screen

ENDPROC
FontSize = 10
BackColor = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 12
Top = 11
Width = 301
Name = "Label2"
BorderColor = 255,255,255
Height = 1
Left = 10
Top = 104
Width = 460
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 10
Top = 105
Width = 460
Name = "Shape2"
Caption = "Equipamentos - "
Height = 1
Left = 64
Top = 282
Width = 13
Name = "Label5"
AutoSize = .T.
FontOutline = .f.
FontSize = 10
FontUnderline = .T.
BackColor = 0
Caption = "Seleção:"
Height = 18
Left = 14
Top = 123
Width = 56
Name = "Label4"
AutoSize = .T.

FontName = "Arial"
FontSize = 14
BackColor = 250,254,197
BackColor = 0
BorderStyle = 0
Caption = "Composição dos Serviços /
Atividades"
Height = 25
Left = 11
Top = 72
Width = 356
Name = "Label6"
BoundColumn = 1
ColumnCount = 2
ColumnWidths = "80,260"
RowSourceType = 3
RowSource = "select cod_grupo+
cod_composicao+ cod_tipo+ classe_serv+
cod_ident, denominacao from ser0010 into
cursor servico"
DisplayValue =
ControlSource = ""
Height = 24
ColumnLines = .T.
Left = 36
NumberOfElements = 0
Top = 236
Width = 121
Name = "Combo_Servico"
Top = 201
Left = 358
Height = 29
Width = 97
Picture = ..\
Caption = "Fechar"
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "Cancela"
procedure Click
sele servico
use
sele obra
use
sele servobra
use
close tables

Thisform.release
ENDPROC
AutoSize = .T.
ButtonCount = 3
BackColor = 0
BorderStyle = 0
Value = 1
Height = 82
Left = 13
Top = 144
Width = 225
Name = "Opcao"
Option1.BackStyle = 0
Option1.Caption = "Todas as Atividades e
Serviços"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 215
Option1.AutoSize = .f.
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Uma Atividade ou
Serviço"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 32

Option2.Width = 184
Option2.AutoSize = .f.
Option2.Name = "Option2"
Option3.BackStyle = 0
Option3.Caption = "Um Grupo"
Option3.Value = 0
Option3.Height = 18
Option3.Left = 5
Option3.Top = 59
Option3.Width = 83
Option3.AutoSize = .f.
Option3.Name = "Option3"
procedure Valid
with Thisform
do CASE
CASE .opcao.Value=1
.Combo_Servico.Enabled=.f.
.Combo_Servico.Visible=.f.
.ComboGrupo.Enabled=.f.
.ComboGrupo.Visible=.f.

CASE .opcao.Value=2
.Combo_Servico.Enabled=.T.
.Combo_Servico.Visible=.T.
.ComboGrupo.Enabled=.f.
.ComboGrupo.Visible=.f.

CASE .opcao.Value=3
.Combo_Servico.Enabled=.f.
.Combo_Servico.Visible=.f.
.ComboGrupo.Enabled=.T.
.ComboGrupo.Visible=.T.

ENDCASE
.Refresh
Endwith
ENDPROC
BoundColumn = 1
ColumnCount = 2
ColumnWidths = "25,260"
RowSourceType = 3
RowSource = "select tipo_obra, nome_obra
from OBRA into cursor servobra"
DisplayValue =
ControlSource = ""
Height = 24
ColumnLines = .T.
Left = 36
NumberOfElements = 0
Top = 241
Width = 121
Name = "ComboGrupo"
Top = 163
Left = 359
Height = 29
Width = 97
Picture = ..\
Caption = "Relação"
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "Relacao"
procedure Click
pObra =

with Thisform.opcao
IF .Value=3
IF
!empty(Thisform.ComboGrupo.Value)
pObra =
Thisform.ComboGrupo.Value &&
Selecionou_cod_grupo
ENDIF
ENDIF
Endwith

```

do form TCTR0230 with pObra

ENDPROC

1.50 FORMSCTR\TCTR0211.SCX

```
Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor3"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor1"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "ser0010"
Order = "iservico"
Database = ..\sicro.dbc
CursorSource = "ser0010"
Name = "Cursor2"
Left = 440
Top = 10
Width = 90
Height = 90
Alias = "obra"
CursorSource = ..\TABELAS\obra.dbf
Name = "Cursor4"
Height = 299
Width = 508
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0211"
HelpContextID = 40100
icon = ..\IMAGENS\dner02.ico
Name = "tctr0211"
procedure Init
  with Thisform
    .Combo_Servico.Enabled=.f.
    .Combo_Servico.Visible=.f.
    .ComboGrupo.Enabled=.f.
    .ComboGrupo.Visible=.f.
    .Refresh
  Endwith
ENDPROC
AutoSize = .T.
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Custos Rodoviários:"
Height = 35
Left = 12
Top = 36
Width = 271
TabIndex = 3
Name = "Label1"
```

```
Top = 7
Left = 467
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 2
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
  HELP ID 40100 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos Rodoviários"
Height = 18
Left = 12
Top = 11
Width = 301
TabIndex = 1
Name = "Label2"
BorderColor = 255,255,255
Height = 1
Left = 6
Top = 104
Width = 490
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 6
Top = 105
Width = 490
Name = "Shape2"
Caption = "Equipamentos - "
Height = 1
Left = 48
Top = 263
Width = 13
TabIndex = 11
Name = "Label5"
Top = 171
Left = 398
Height = 29
Width = 97
Caption = "Descrição"
TabIndex = 8
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "ComRel211"
procedure Click
  with Thisform.opcao
    do CASE
      CASE .Value=1 && se NAO
        selecionou uma atividade / servico
          do form impressa with "rctr0211"
      CASE .Value=2
        do form impressa with "rctr0211"
      CASE .Value=3 && Selecionou
        cod_grupo
        IF !empty(Thisform.ComboGrupo.Value)
          do form impressa with "rctr0211", '
            cod_grupo='+Thisform.ComboGrupo.Val
            ue+''
          ELSE
            do form impressa with "rctr0211"
          ENDIF
        ENDCASE
      Endwith
```

```
ENDPROC
AutoSize = .T.
FontOutline = .f.
FontSize = 10
FontUnderline = .T.
BackStyle = 0
Caption = "Seleção:"
Height = 18
Left = 14
Top = 123
Width = 56
TabIndex = 5
Name = "Label4"
AutoSize = .T.
FontName = "Arial"
FontSize = 14
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Relatórios de Composição dos Serviços / Atividades"
Height = 25
Left = 11
Top = 72
Width = 483
TabIndex = 4
Name = "Label6"
BoundColumn = 1
ColumnCount = 2
ColumnWidths = "80,260"
RowSourceType = 3
RowSource = "select cod_grupo+
cod_composicao+ cod_tipo+ classe_serv+
cod_ident, denominacao from ser0010 into
cursor servico"
DisplayValue =
ControlSource = ""
Height = 24
ColumnLines = .T.
Left = 20
NumberOfElements = 0
TabIndex = 10
Top = 247
Width = 121
Name = "Combo_Servico"
Top = 247
Left = 398
Height = 29
Width = 97
Picture = ..\
Caption = "Fechar"
TabIndex = 14
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "Cancela"
procedure Click
  sele servobra
  use
  sele servico
  use
  sele "*" AS cod FROM ser0010 INTO
  CURSOR rctr0220
  use
  close tables
  Thisform.release
ENDPROC
AutoSize = .T.
ButtonCount = 3
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 82
```

```

Left = 13
Top = 144
Width = 225
TabIndex = 6
Name = "Opcao"
Option1.BackStyle = 0
Option1.Caption = "Todas as Atividades e
Serviços"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 215
Option1.AutoSize = .f.
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Uma Atividade ou
Serviço"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 32
Option2.Width = 184
Option2.AutoSize = .f.
Option2.Name = "Option2"
Option3.BackStyle = 0
Option3.Caption = "Um Grupo"
Option3.Value = 0
Option3.Height = 18
Option3.Left = 5
Option3.Top = 59
Option3.Width = 83
Option3.AutoSize = .f.
Option3.Name = "Option3"
procedure Valid
with Thisform
do CASE
CASE .opcao.Value=1
.Combo_Servico.Enabled=.f.
.Combo_Servico.Visible=.f.
.ComboGrupo.Enabled=.f.
.ComboGrupo.Visible=.f.
.ComRel210.Enabled=.T.
.ComRel211.Enabled=.T.

CASE .opcao.Value=2
.Combo_Servico.Enabled=.T.
.Combo_Servico.Visible=.T.
.ComboGrupo.Enabled=.f.
.ComboGrupo.Visible=.f.
.ComRel210.Enabled=.f.
.ComRel211.Enabled=.f.

CASE .opcao.Value=3
.Combo_Servico.Enabled=.f.
.Combo_Servico.Visible=.f.
.ComboGrupo.Enabled=.T.
.ComboGrupo.Visible=.T.
.ComRel210.Enabled=.T.
.ComRel211.Enabled=.T.

ENDCASE
.Refresh
Endwith
ENDPROC
BoundColumn = 1
ColumnCount = 2
ColumnWidths = "25,260"
RowSourceType = 3
RowSource = "select tipo_obra, nome_obra
from OBRA into cursor servobra"
DisplayValue =
ControlSource = ""
Height = 24
ColumnLines = .T.
Left = 20

```

```

NumberOfElements = 0
TabIndex = 0
Top = 252
Width = 121
Name = "ComboGrupo"
BorderColor = 255,255,255
Height = 143
Left = 315
Top = 134
Width = 3
Name = "Shape5"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 148
Left = 314
Top = 131
Width = 1
Name = "Shape6"
Top = 209
Left = 398
Height = 29
Width = 97
Caption = "Composição"
TabIndex = 9
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "ComRel220"
procedure Click

with Thisform.opcao
do CASE
CASE .Value=1 && se NAO
selecionou uma atividade / servico
* -----
SELECT DISTINCT ;
ser0010.cod_grupo AS grupo,
ser0010.cod_composicao AS Composicao,
ser0010.cod_tipo AS tipo, ;
ser0010.classe_serv AS classe_serv,
ser0010.cod_ident AS ident, "1" AS reg, ;
ser0010.und_prod+ " " AS codigo,
obra.Nome_obra+ " " AS nomecod, ;
ser0010.denominacao AS
denominacao, ser0010.prod_equipe AS
valor1, ;
ser0010.ferramenta*1.00 AS valor2, "
" AS unid ;
FROM ser0010, obra ;
WHERE ser0010.cod_grupo =
obra.tipo_obra ;
Order BY 1, 2, 3, 4, 5, 6 ;
INTO CURSOR rctr0220 ;
UNION ALL ;
SELECT ;
Ser0020.cod_grupo AS grupo,
Ser0020.cod_composicao AS Composicao,
Ser0020.cod_tipo AS tipo, ;
Ser0020.classe_serv AS classe_serv,
Ser0020.cod_ident AS ident, "2" AS reg, ;
Ser0020.equipamento+ " " AS
codigo, Eqp0040.fabricante+ " " AS
nomecod, ;
" ", Ser0020.quantidade,
Ser0020.utilizacao, " " ;
FROM Ser0020, Eqp0040 ;
WHERE Ser0020.equipamento =
Eqp0040.equipamento ;
UNION ALL ;
SELECT ;
Ser0030.cod_grupo AS grupo,
Ser0030.cod_composicao AS Composicao,
Ser0030.cod_tipo AS tipo, ;
Ser0030.classe_serv AS classe_serv,
Ser0030.cod_ident AS ident, "3" AS reg, ;

```

```

Ser0030.mao_de_obra+ " " AS
codigo, mao0010.descricao+ " " AS
nomecod, ;
" ", Ser0030.quantidade, 0.00, " " ;
FROM Ser0030, mao0010 ;
WHERE Ser0030.mao_de_obra =
mao0010.mao_d_obra ;
UNION ALL ;
SELECT ;
Ser0040.cod_grupo AS grupo,
Ser0040.cod_composicao AS Composicao,
Ser0040.cod_tipo AS tipo, ;
Ser0040.classe_serv AS classe_serv,
Ser0040.cod_ident AS ident, "4" AS reg, ;
Ser0040.material+ " " AS codigo,
MAT0020.Nome_mat+ " " AS
nomecod, ;
" ", Ser0040.quantidade, 0.00,
MAT0020.undw ;
FROM Ser0040, MAT0020 ;
WHERE Ser0040.material =
MAT0020.material ;
UNION ALL ;
SELECT ;
Ser0050.cod_grupo AS grupo,
Ser0050.cod_composicao AS Composicao,
Ser0050.cod_tipo AS tipo, ;
Ser0050.classe_serv AS classe_serv,
Ser0050.cod_ident AS ident, "5" AS reg, ;

Ser0050.cod_grupo_c+Ser0050.cod_composi
cao_c+Ser0050.cod_tipo_c+Ser0050.classe_s
erv_c+ ;
Ser0050.cod_ident_c AS codigo,
ser0010.denominacao AS nomecod, ;
" ", Ser0050.quantidade, 0.00,
ser0010.und_prod ;
FROM Ser0050, ser0010 ;
WHERE ;

Ser0050.cod_grupo_c+Ser0050.cod_composi
cao_c+Ser0050.cod_tipo_c+ ;
Ser0050.classe_serv_c+Ser0050.cod_ident_c
;
=
ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ ;
ser0010.classe_serv+ser0010.cod_ident ;
UNION ALL ;
SELECT ;
Ser0060.cod_grupo AS grupo,
Ser0060.cod_composicao AS Composicao,
Ser0060.cod_tipo AS tipo, ;
Ser0060.classe_serv AS classe_serv,
Ser0060.cod_ident AS ident, "6" AS reg, ;
Ser0060.material+ " " AS codigo,
MAT0020.Nome_mat+ " " AS
nomecod, ;
" ", Ser0060.quantidade, 0.00,
MAT0020.undw ;
FROM Ser0060, MAT0020 ;
WHERE Ser0060.material =
MAT0020.material ;
UNION ALL ;
SELECT ;
Ser0070.cod_grupo AS grupo,
Ser0070.cod_composicao AS Composicao,
Ser0070.cod_tipo AS tipo, ;
Ser0070.classe_serv AS classe_serv,
Ser0070.cod_ident AS ident, "7" AS reg, ;

Ser0070.cod_grupo_c+Ser0070.cod_composi
cao_c+Ser0070.cod_tipo_c+Ser0070.classe_s
erv_c+ ;

```

```

Ser0070.cod_ident_c AS codigo,
ser0010.denominacao AS nomecod, ;
" ", Ser0070.quantidade, 0.00,
ser0010.und_prod ;
FROM Ser0070, ser0010 ;
WHERE ;

Ser0070.cod_grupo_c+Ser0070.cod_composi
cao_c+Ser0070.cod_tipo_c+Ser0070.classe_s
erv_c+Ser0070.cod_ident_c ;
=
ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ser0010.classe_serv+ser0
010.cod_ident

do form impressa with "rctr0220"

CASE .Value=2
* -----
-----

IF
!empty(Thisform.Combo_Servico.Value )
&&
cod_grupo+cod_composicao+cod_tipo+class
e_serv+cod_ident

SELECT DISTINCT ;
ser0010.cod_grupo AS grupo,
ser0010.cod_composicao AS Composicao,
ser0010.cod_tipo AS tipo, ;
ser0010.classe_serv AS
classe_serv, ser0010.cod_ident AS ident, "1"
AS reg, ;
ser0010.und_prod+" " AS
codigo, obra.Nome_obra+" " AS
nomecod, ;
ser0010.denominacao AS
denominacao, ser0010.prod_equipe AS
valor1, ;
ser0010.ferramenta*1.00 AS
valor2, " " AS unid ;
FROM ser0010, obra ;
WHERE ser0010.cod_grupo =
obra.tipo_obra and ;

ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ser0010.classe_serv+ ;
ser0010.cod_ident =
Thisform.Combo_Servico.Value ;
Order BY 1, 2, 3, 4, 5, 6 ;
INTO CURSOR rctr0220 ;
UNION ALL ;
SELECT ;
Ser0020.cod_grupo AS grupo,
Ser0020.cod_composicao AS Composicao,
Ser0020.cod_tipo AS tipo, ;
Ser0020.classe_serv AS
classe_serv, Ser0020.cod_ident AS ident, "2"
AS reg, ;
Ser0020.equipamento+" " AS
codigo, Eqp0040.fabricante+" " AS
nomecod, ;
" ", Ser0020.quantidade,
Ser0020.utilizacao, " " ;
FROM Ser0020, Eqp0040 ;
WHERE Ser0020.equipamento =
Eqp0040.equipamento and ;

Ser0020.cod_grupo+Ser0020.cod_composica
o+Ser0020.cod_tipo+Ser0020.classe_serv+ ;
Ser0020.cod_ident =
Thisform.Combo_Servico.Value ;
UNION ALL ;

```

```

SELECT ;
Ser0030.cod_grupo AS grupo,
Ser0030.cod_composicao AS Composicao,
Ser0030.cod_tipo AS tipo, ;
Ser0030.classe_serv AS
classe_serv, Ser0030.cod_ident AS ident, "3"
AS reg, ;
Ser0030.mao_de_obra+" " AS
codigo, mao0010.descricao+" " AS
nomecod, ;
" ", Ser0030.quantidade, 0, " " ;
FROM Ser0030, mao0010 ;
WHERE Ser0030.mao_de_obra =
mao0010.mao_d_obra and ;

Ser0030.cod_grupo+Ser0030.cod_composica
o+Ser0030.cod_tipo+Ser0030.classe_serv+ ;
Ser0030.cod_ident =
Thisform.Combo_Servico.Value ;
UNION ALL ;
SELECT ;
Ser0040.cod_grupo AS grupo,
Ser0040.cod_composicao AS Composicao,
Ser0040.cod_tipo AS tipo, ;
Ser0040.classe_serv AS
classe_serv, Ser0040.cod_ident AS ident, "4"
AS reg, ;
Ser0040.material+" " AS codigo,
MAT0020.Nome_mat+" " AS
nomecod, ;
" ", Ser0040.quantidade, 0,
MAT0020.undw ;
FROM Ser0040, MAT0020 ;
WHERE Ser0040.material =
MAT0020.material and ;

Ser0040.cod_grupo+Ser0040.cod_composica
o+Ser0040.cod_tipo+Ser0040.classe_serv+ ;
Ser0040.cod_ident =
Thisform.Combo_Servico.Value ;
UNION ALL ;
SELECT ;
Ser0050.cod_grupo AS grupo,
Ser0050.cod_composicao AS Composicao,
Ser0050.cod_tipo AS tipo, ;
Ser0050.classe_serv AS
classe_serv, Ser0050.cod_ident AS ident, "5"
AS reg, ;

Ser0050.cod_grupo_c+Ser0050.cod_composi
cao_c+Ser0050.cod_tipo_c+Ser0050.classe_s
erv_c+ ;
Ser0050.cod_ident_c AS codigo,
ser0010.denominacao AS nomecod, ;
" ", Ser0050.quantidade, 0,
ser0010.und_prod ;
FROM Ser0050, ser0010 ;
WHERE ;

(Ser0050.cod_grupo_c+Ser0050.cod_composi
cao_c+Ser0050.cod_tipo_c+ ;
Ser0050.classe_serv_c+Ser0050.cod_ident_c
;
=
ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ ;
ser0010.classe_serv+ser0010.cod_ident) and
;

(Ser0050.cod_grupo+Ser0050.cod_composic
ao+Ser0050.cod_tipo+Ser0050.classe_serv+ ;
Ser0050.cod_ident =
Thisform.Combo_Servico.Value) ;
UNION ALL ;

```

```

SELECT ;
Ser0060.cod_grupo AS grupo,
Ser0060.cod_composicao AS Composicao,
Ser0060.cod_tipo AS tipo, ;
Ser0060.classe_serv AS
classe_serv, Ser0060.cod_ident AS ident, "6"
AS reg, ;
Ser0060.material+" " AS codigo,
MAT0020.Nome_mat+" " AS
nomecod, ;
" ", Ser0060.quantidade, 0,
MAT0020.undw ;
FROM Ser0060, MAT0020 ;
WHERE Ser0060.material =
MAT0020.material and ;

Ser0060.cod_grupo+Ser0060.cod_composica
o+Ser0060.cod_tipo+Ser0060.classe_serv+ ;
Ser0060.cod_ident =
Thisform.Combo_Servico.Value ;
UNION ALL ;
SELECT ;
Ser0070.cod_grupo AS grupo,
Ser0070.cod_composicao AS Composicao,
Ser0070.cod_tipo AS tipo, ;
Ser0070.classe_serv AS
classe_serv, Ser0070.cod_ident AS ident, "7"
AS reg, ;

Ser0070.cod_grupo_c+Ser0070.cod_composi
cao_c+Ser0070.cod_tipo_c+Ser0070.classe_s
erv_c+ ;
Ser0070.cod_ident_c AS codigo,
ser0010.denominacao AS nomecod, ;
" ", Ser0070.quantidade, 0,
ser0010.und_prod ;
FROM Ser0070, ser0010 ;
WHERE ;

(Ser0070.cod_grupo_c+Ser0070.cod_composi
cao_c+Ser0070.cod_tipo_c+Ser0070.classe_
serv_c+Ser0070.cod_ident_c ;
=
ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ser0010.classe_serv+ser0
010.cod_ident) and ;

(Ser0070.cod_grupo+Ser0070.cod_composic
ao+Ser0070.cod_tipo+Ser0070.classe_serv+ ;
Ser0070.cod_ident =
Thisform.Combo_Servico.Value) ;

do form impressa with "rctr0220"

ELSE
* -----
-----

SELECT DISTINCT ;
ser0010.cod_grupo AS grupo,
ser0010.cod_composicao AS Composicao,
ser0010.cod_tipo AS tipo, ;
ser0010.classe_serv AS
classe_serv, ser0010.cod_ident AS ident, "1"
AS reg, ;
ser0010.und_prod+" " AS
codigo, obra.Nome_obra+" " AS
nomecod, ;
ser0010.denominacao AS
denominacao, ser0010.prod_equipe AS
valor1, ;
ser0010.ferramenta*1.00 AS
valor2, " " AS unid ;
FROM ser0010, obra ;
WHERE ser0010.cod_grupo =
obra.tipo_obra ;

```



```

Order BY 1, 2, 3, 4, 5, 6 ;
INTO CURSOR rctr0220 ;
UNION ALL ;
SELECT ;
Ser0020.cod_grupo AS grupo,
Ser0020.cod_composicao AS Composicao,
Ser0020.cod_tipo AS tipo ;
Ser0020.classe_serv AS
classe_serv, Ser0020.cod_ident AS ident, "2"
AS reg ;
Ser0020.equipamento+" " AS
codigo, Eqp0040.fabricante+" " AS
nomecod ;
" ", Ser0020.quantidade,
Ser0020.utilizacao, " " ;
FROM Ser0020, Eqp0040 ;
WHERE Ser0020.equipamento =
Eqp0040.equipamento ;
UNION ALL ;
SELECT ;
Ser0030.cod_grupo AS grupo,
Ser0030.cod_composicao AS Composicao,
Ser0030.cod_tipo AS tipo ;
Ser0030.classe_serv AS
classe_serv, Ser0030.cod_ident AS ident, "3"
AS reg ;
Ser0030.mao_de_obra+" " AS
codigo, mao0010.descricao+" " AS
nomecod ;
" ", Ser0030.quantidade, 0, " " ;
FROM Ser0030, mao0010 ;
WHERE Ser0030.mao_de_obra =
mao0010.mao_d_obra ;
UNION ALL ;
SELECT ;
Ser0040.cod_grupo AS grupo,
Ser0040.cod_composicao AS Composicao,
Ser0040.cod_tipo AS tipo ;
Ser0040.classe_serv AS
classe_serv, Ser0040.cod_ident AS ident, "4"
AS reg ;
Ser0040.material+" " AS codigo,
MAT0020.Nome_mat+" " AS
nomecod ;
" ", Ser0040.quantidade, 0,
MAT0020.undw ;
FROM Ser0040, MAT0020 ;
WHERE Ser0040.material =
MAT0020.material ;
UNION ALL ;
SELECT ;
Ser0050.cod_grupo AS grupo,
Ser0050.cod_composicao AS Composicao,
Ser0050.cod_tipo AS tipo ;
Ser0050.classe_serv AS
classe_serv, Ser0050.cod_ident AS ident, "5"
AS reg ;
Ser0050.cod_grupo_c+Ser0050.cod_composi
cao_c+Ser0050.cod_tipo_c+Ser0050.classe_s
erv_c+ ;
Ser0050.cod_ident_c AS codigo,
ser0010.denominacao AS nomecod ;
" ", Ser0050.quantidade, 0,
ser0010.und_prod ;
FROM Ser0050, ser0010 ;
WHERE ;
Ser0050.cod_grupo_c+Ser0050.cod_composi
cao_c+Ser0050.cod_tipo_c+ ;
Ser0050.classe_serv_c+Ser0050.cod_ident_c
;
=
ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ ;

```

```

ser0010.classe_serv+ser0010.cod_ident ;
UNION ALL ;
SELECT ;
Ser0060.cod_grupo AS grupo,
Ser0060.cod_composicao AS Composicao,
Ser0060.cod_tipo AS tipo ;
Ser0060.classe_serv AS
classe_serv, Ser0060.cod_ident AS ident, "6"
AS reg ;
Ser0060.material+" " AS codigo,
MAT0020.Nome_mat+" " AS
nomecod ;
" ", Ser0060.quantidade, 0,
MAT0020.undw ;
FROM Ser0060, MAT0020 ;
WHERE Ser0060.material =
MAT0020.material ;
UNION ALL ;
SELECT ;
Ser0070.cod_grupo AS grupo,
Ser0070.cod_composicao AS Composicao,
Ser0070.cod_tipo AS tipo ;
Ser0070.classe_serv AS
classe_serv, Ser0070.cod_ident AS ident, "7"
AS reg ;
Ser0070.cod_grupo_c+Ser0070.cod_composi
cao_c+Ser0070.cod_tipo_c+Ser0070.classe_s
erv_c+ ;
Ser0070.cod_ident_c AS codigo,
ser0010.denominacao AS nomecod ;
" ", Ser0070.quantidade, 0,
ser0010.und_prod ;
FROM Ser0070, ser0010 ;
WHERE ;
Ser0070.cod_grupo_c+Ser0070.cod_composi
cao_c+Ser0070.cod_tipo_c+Ser0070.classe_s
erv_c+Ser0070.cod_ident_c ;
=
ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ser0010.classe_serv+ser0
010.cod_ident
do form impressa with "rctr0220"
ENDIF
CASE .Value=3
* -----
SELECT DISTINCT ;
ser0010.cod_grupo AS grupo,
ser0010.cod_composicao AS Composicao,
ser0010.cod_tipo AS tipo ;
ser0010.classe_serv AS classe_serv,
ser0010.cod_ident AS ident, "1" AS reg ;
ser0010.und_prod+" " AS codigo,
obra.Nome_obra+" " AS nomecod ;
ser0010.denominacao AS
denominacao, ser0010.prod_equipe AS
valor1 ;
ser0010.ferramenta*1.00 AS valor2, "
" AS unid ;
FROM ser0010, obra ;
WHERE ser0010.cod_grupo =
obra.tipo_obra ;
Order BY 1, 2, 3, 4, 5, 6 ;
INTO CURSOR rctr0220 ;
UNION ALL ;
SELECT ;
Ser0020.cod_grupo AS grupo,
Ser0020.cod_composicao AS Composicao,
Ser0020.cod_tipo AS tipo ;

```

```

Ser0020.classe_serv AS classe_serv,
Ser0020.cod_ident AS ident, "2" AS reg ;
Ser0020.equipamento+" " AS
codigo, Eqp0040.fabricante+" " AS
nomecod ;
" ", Ser0020.quantidade,
Ser0020.utilizacao, " " ;
FROM Ser0020, Eqp0040 ;
WHERE Ser0020.equipamento =
Eqp0040.equipamento ;
UNION ALL ;
SELECT ;
Ser0030.cod_grupo AS grupo,
Ser0030.cod_composicao AS Composicao,
Ser0030.cod_tipo AS tipo ;
Ser0030.classe_serv AS classe_serv,
Ser0030.cod_ident AS ident, "3" AS reg ;
Ser0030.mao_de_obra+" " AS
codigo, mao0010.descricao+" " AS
nomecod ;
" ", Ser0030.quantidade, 0, " " ;
FROM Ser0030, mao0010 ;
WHERE Ser0030.mao_de_obra =
mao0010.mao_d_obra ;
UNION ALL ;
SELECT ;
Ser0040.cod_grupo AS grupo,
Ser0040.cod_composicao AS Composicao,
Ser0040.cod_tipo AS tipo ;
Ser0040.classe_serv AS classe_serv,
Ser0040.cod_ident AS ident, "4" AS reg ;
Ser0040.material+" " AS codigo,
MAT0020.Nome_mat+" " AS
nomecod ;
" ", Ser0040.quantidade, 0,
MAT0020.undw ;
FROM Ser0040, MAT0020 ;
WHERE Ser0040.material =
MAT0020.material ;
UNION ALL ;
SELECT ;
Ser0050.cod_grupo AS grupo,
Ser0050.cod_composicao AS Composicao,
Ser0050.cod_tipo AS tipo ;
Ser0050.classe_serv AS classe_serv,
Ser0050.cod_ident AS ident, "5" AS reg ;
Ser0050.cod_grupo_c+Ser0050.cod_composi
cao_c+Ser0050.cod_tipo_c+Ser0050.classe_s
erv_c+ ;
Ser0050.cod_ident_c AS codigo,
ser0010.denominacao AS nomecod ;
" ", Ser0050.quantidade, 0,
ser0010.und_prod ;
FROM Ser0050, ser0010 ;
WHERE ;
Ser0050.cod_grupo_c+Ser0050.cod_composi
cao_c+Ser0050.cod_tipo_c+ ;
Ser0050.classe_serv_c+Ser0050.cod_ident_c
;
=
ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ ;
ser0010.classe_serv+ser0010.cod_ident ;
UNION ALL ;
SELECT ;
Ser0060.cod_grupo AS grupo,
Ser0060.cod_composicao AS Composicao,
Ser0060.cod_tipo AS tipo ;
Ser0060.classe_serv AS classe_serv,
Ser0060.cod_ident AS ident, "6" AS reg ;

```

```

        Ser0060.material+" " AS codigo,
MAT0020.Nome_mat+" " AS
nomecod, ;
        " ", Ser0060.quantidade, 0,
MAT0020.undw ;
        FROM Ser0060, MAT0020 ;
        WHERE Ser0060.material =
MAT0020.material ;
        UNION ALL ;
        SELECT ;
        Ser0070.cod_grupo AS grupo,
Ser0070.cod_composicao AS Composicao,
Ser0070.cod_tipo AS tipo, ;
        Ser0070.classe_serv AS classe_serv,
Ser0070.cod_ident AS ident, "7" AS reg, ;

Ser0070.cod_grupo_c+Ser0070.cod_composi
cao_c+Ser0070.cod_tipo_c+Ser0070.classe_s
erv_c+ ;
        Ser0070.cod_ident_c AS codigo,
ser0010.denominacao AS nomecod, ;
        " ", Ser0070.quantidade, 0,
ser0010.und_prod ;
        FROM Ser0070, ser0010 ;
        WHERE ;

Ser0070.cod_grupo_c+Ser0070.cod_composi
cao_c+Ser0070.cod_tipo_c+Ser0070.classe_s
erv_c+Ser0070.cod_ident_c ;
        =
ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ser0010.classe_serv+ser0
010.cod_ident

        IF !empty(Thisform.ComboGrupo.Value
) && Selecionou cod_grupo
        do form impressa with "rctr0220", '
grupo='+'''+Thisform.ComboGrupo.Value+''''
        ELSE
        do form impressa with "rctr0220"
        ENDIF

        ENDCASE
Endwith

ENDPROC
Top = 133
Left = 398
Height = 29
Width = 97
Caption = "Índice"
TabIndex = 7
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "ComRel210"
procedure Click
        with Thisform.opcao
        do CASE
        CASE .Value=1 && se NAO
selecionou uma atividade / servico
        do form impressa with "rctr0210"
        CASE .Value=2
        do form impressa with "rctr0210"
        CASE .Value=3
        IF !empty(Thisform.ComboGrupo.Value
)
        do form impressa with "rctr0210", '
cod_grupo='+'''+Thisform.ComboGrupo.Val
ue+''''
        ELSE
        do form impressa with "rctr0210"
        ENDIF

        ENDCASE
Endwith

```

```

ENDPROC
*****
1.51 FORMSCTR\TCTR0220.SCX
Left = 10
Top = 269
Width = 459
Height = 150
Name = "Dataenvironment"
Left = 19
Top = 10
Width = 90
Height = 90
Alias = "ser0010"
Order = "iservico"
Database = ..\sicro.dbc
CursorSource = "ser0010"
Name = "Cursor1"
ScaleMode = 3
Height = 371
Width = 557
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0220"
Visible = .f.
HelpContextID = 40110
icon = ..\IMAGENS\dner02.ico
windowstate = 0
LockScreen = .f.
Name = "TCTR0220"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "layoutsty"
Label1.Caption = "Descrição de Atividades e
Serviços"
Label1.Width = 405
Label1.TabIndex = 0
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 544
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 544
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 6
Shape3.Top = 325
Shape3.Width = 544
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 6
Shape4.Top = 326
Shape4.Width = 544
Shape4.Name = "Shape4"
procedure bot_refresha
        with Thisform
        .Refresh
        Endwith

ENDPROC

```

```

procedure Init
        parameters servico
        PUBLIC vservico, mkDel

        mkDel = .f.

        sele ser0010
        IF parameters()=1
                vservico=servico
                SEEK vservico
        ELSE
                vservico=cod_grupo + cod_composicao
+ cod_tipo + classe_serv + cod_ident
        ENDIF
ENDPROC
procedure Refresh
        sele ser0010
                vservico=cod_grupo + cod_composicao +
cod_tipo + classe_serv + cod_ident

ENDPROC
procedure Destroy
        set exclusive on
        sele ser0010
        use ser0010 exclusive
        pack
        reindex
        set exclusive off

ENDPROC
AutoSize = .T.
FontBold = .T.
Caption = "Código"
Left = 10
Top = 61
Visible = .T.
Width = 39
TabIndex = 2
Name = "LBLCOD_GRUPO1"
Value =
ControlSource = "ser0010.cod_grupo"
Enabled = .f.
InputMask = "X"
Left = 96
TabIndex = 3
Top = 57
Visible = .T.
Width = 20
Name = "COD_GRUPO1"
Value =
ControlSource = "ser0010.cod_composicao"
Enabled = .f.
InputMask = "X"
Left = 119
TabIndex = 4
Top = 57
Visible = .T.
Width = 20
Name = "COD_COMPOSICAO1"
Value =
ControlSource = "ser0010.cod_tipo"
Enabled = .f.
InputMask = "XX"
Left = 142
TabIndex = 5
Top = 57
Visible = .T.
Width = 30
Name = "COD_TIPO1"
Value =
ControlSource = "ser0010.classe_serv"
Enabled = .f.
InputMask = "XXX"
Left = 175
TabIndex = 6
Top = 57

```

Visible = .T.
 Width = 40
 Name = "CLASSE_SERV1"
 Value =
 ControlSource = "ser0010.cod_ident"
 Enabled = .f.
 InputMask = "XX"
 Left = 218
 TabIndex = 7
 Top = 57
 Visible = .T.
 Width = 30
 Name = "COD_IDENT1"
 AutoSize = .T.
 FontBold = .T.
 Caption = "Denominação:"
 Left = 10
 Top = 86
 Visible = .T.
 Width = 77
 TabIndex = 10
 Name = "LBLDENOMINAÇÃO1"
 Value =
 ControlSource = "ser0010.denominacao"
 Enabled = .f.
 Format = ""
 Height = 21
 InputMask =
 "XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
 Left = 96
 TabIndex = 11
 Top = 82
 Visible = .T.
 Width = 365
 Name = "DENOMINAÇÃO1"
 AutoSize = .T.
 FontBold = .T.
 Caption = "Descrição:"
 Left = 10
 Top = 136
 Visible = .T.
 Width = 57
 TabIndex = 15
 Name = "LBLDESCRIÇÃO1"
 BackColor = 255,255,255
 ForeColor = 128,128,128
 Height = 86
 Left = 96
 ReadOnly = .T.
 TabIndex = 16
 Top = 132
 Visible = .T.
 Width = 365
 Value = MEMO
 ControlSource = "ser0010.descricao"
 Name = "DESCRIÇÃO1"
 AutoSize = .T.
 FontBold = .T.
 FontSize = 8
 Caption = "Produção da Equipe"
 Left = 96
 Top = 111
 Visible = .T.
 Width = 108
 TabIndex = 12
 Name = "LBLPROD_EQUIPE1"
 Alignment = 1
 Value = 0.0000
 ControlSource = "ser0010.prod_equipe"
 Enabled = .f.
 Height = 21
 InputMask = "999,999.9999"
 Left = 213
 TabIndex = 13
 Top = 107

Visible = .T.
 Width = 91
 Name = "PROD_EQUIPE1"
 Value =
 ControlSource = "ser0010.und_prod"
 Enabled = .f.
 InputMask = "XXX"
 Left = 306
 TabIndex = 14
 Top = 107
 Visible = .T.
 Width = 40
 Name = "UND_PROD1"
 AutoSize = .T.
 FontBold = .T.
 FontSize = 8
 Caption = "Adicional de Mão-de-Obra:"
 Left = 265
 Top = 61
 Visible = .T.
 Width = 144
 TabIndex = 8
 Name = "LBLFERRAMENTA1"
 Alignment = 1
 Value = 0.00
 ControlSource = "ser0010.ferramenta"
 Enabled = .f.
 InputMask = "99.99"
 Left = 413
 TabIndex = 9
 Top = 57
 Visible = .T.
 Width = 48
 Name = "FERRAMENTA1"
 Top = 49
 Left = 511
 Height = 26
 Width = 28
 Picture = ..\IMAGENS\HELP.bmp
 Caption = ""
 TabIndex = 25
 DisabledForeColor = 128,128,128
 Name = "auxilio"
 procedure Click
 HELP ID 40110 IN Screen
 ENDPROC
 Top = 248
 Left = 95
 Height = 29
 Width = 97
 Caption = "Equipamentos"
 TabIndex = 18
 Name = "Cmd_Equipamento"
 procedure Click
 do form TCTR0221
 sele ser0010

 mkDel = .f.
 ENDPROC
 Top = 248
 Left = 201
 Height = 29
 Width = 97
 Caption = "Mão-de-Obra"
 TabIndex = 19
 Name = "Cmd_Mao_de_Obra"
 procedure Click
 do form TCTR0222
 sele ser0010

 mkDel = .f.
 ENDPROC
 Top = 248
 Left = 307
 Height = 29
 Width = 97

Caption = "Materiais"
 TabIndex = 20
 Name = "Cmd_Material"
 procedure Click
 do form TCTR0223
 sele ser0010

 mkDel = .f.
 ENDPROC
 Top = 248
 Left = 413
 Height = 29
 Width = 97
 Caption = "Atividades"
 TabIndex = 21
 Name = "Cmd_Atividade"
 procedure Click
 do form TCTR0224
 sele ser0010

 mkDel = .f.
 ENDPROC
 Top = 284
 Left = 201
 Height = 29
 Width = 97
 Caption = "de Material"
 TabIndex = 23
 Name = "Cmd_TransMaterial"
 procedure Click
 do form TCTR0225
 sele ser0010

 mkDel = .f.
 ENDPROC
 Top = 284
 Left = 307
 Height = 29
 Width = 97
 Caption = "de Atividades"
 TabIndex = 24
 Name = "Cmd_TransAtividade"
 procedure Click
 do form TCTR0226
 sele ser0010

 mkDel = .f.
 ENDPROC
 AutoSize = .T.
 FontSize = 8
 BackStyle = 0
 Caption = "Transporte:"
 Height = 16
 Left = 96
 Top = 295
 Width = 68
 TabIndex = 22
 Name = "Label2"
 AutoSize = .T.
 FontSize = 8
 BackStyle = 0
 Caption = "Composição:"
 Height = 16
 Left = 10
 Top = 223
 Width = 72
 TabIndex = 17
 Name = "Label3"
 Top = 339
 Left = 15
 Width = 522
 Height = 24
 TabIndex = 1
 Name = "Botoes"

```
cmdPrev.Name = "CMDPREV"
cmdNext.Name = "CMDNEXT"
cmdTop.Name = "CMDTOP"
cmdEnd.Name = "CMDEND"
cmdFind.Name = "CMDFIND"
cmdPrint.Name = "CMDPRINT"
cmdExit.Name = "CMDEXIT"
cmdAdd.Name = "CMDADD"
cmdDelete.Name = "CMDDELETE"
cmdEdit.Name = "CMDEDIT"
```

1.52 FORMSCTR\TCTR0221.SCX

```
Left = 0
Top = 0
Width = 792
Height = 451
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "ser0010"
Order = "iservico"
Database = ..\sicro.dbc
CursorSource = "ser0010"
Name = "Cursor1"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "ser0020"
Database = ..\sicro.dbc
CursorSource = "ser0020"
Name = "Cursor2"
Alias = "ctrv0221"
BufferModeOverride = 5
Database = ..\sicro.dbc
CursorSource = "ctrv0221"
Name = "Cursor3"
Left = 440
Top = 10
Width = 121
Height = 93
Alias = "eqp0040"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor4"
ScaleMode = 3
Height = 369
Width = 621
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0221 "
Visible = .f.
HelpContextID = 40120
icon = ..\IMAGENS\dner02.ico
WindowType = 1
WindowState = 0
LockScreen = .f.
Name = "TCTR0221"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "layoutsty"
```

```
Label1.Caption = "Serviços/Atividades:
Composição de Equipamentos"
Label1.Left = 12
Label1.Top = 8
Label1.Width = 600
Label1.TabIndex = 0
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 606
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 606
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 335
Shape3.Width = 606
Shape3.Name = "Shape3"
Shape4.Left = 6
Shape4.Top = 336
Shape4.Width = 606
Shape4.Name = "Shape4"
procedure Init
    sele ser0010
    SEEK vservico
    private este_grupo ,este_comp ,este_tipo
    ,este_clser ,este_ident

    sele ser0010

    este_grupo=cod_grupo
    este_comp=cod_composicao
    este_tipo=cod_tipo
    este_clser=classe_serv
    este_ident=cod_ident

    with Thisform
        .COD_GRUPO1.Value=cod_grupo

.COD_COMPOSICAO1.Value=cod_composi
cao

.COD_TIPO1.Value=cod_tipo
.CLASSE_SERV1.Value=classe_serv
.COD_IDENT1.Value=cod_ident
Endwith

sele ctrv0221

set FILTER to cod_grupo=este_grupo and
cod_composicao=este_comp and cod_tipo= ;
este_tipo and classe_serv =este_clser
and cod_ident=este_ident
GO Top

sele ser0010

ENDPROC
procedure Refresh
sele ser0010
SEEK vservico
este_grupo=cod_grupo
este_comp=cod_composicao
este_tipo=cod_tipo
este_clser=classe_serv
este_ident=cod_ident

sele ctrv0221

set FILTER to cod_grupo=este_grupo and
cod_composicao=este_comp and
```

```
cod_tipo=este_tipo and classe_serv
=este_clser and cod_ident=este_ident
GO Top

sele ser0010

ENDPROC
procedure Destroy
IF mkDel = .T.
set exclusive on
sele Ser0020
use Ser0020 exclusive
pack
reindex
set exclusive off
mkDel = .f.
ENDIF

sele equips
use
ENDPROC
AutoSize = .T.
FontBold = .T.
Caption = "Código:"
Left = 10
Top = 57
Visible = .T.
Width = 42
TabIndex = 0
Name = "LBLCOD_GRUPO1"
FontBold = .T.
Caption = "Denominação:"
Left = 10
Top = 81
Visible = .T.
Width = 86
TabIndex = 0
Name = "LBLDENOMINAÇÃO1"
Value =
ControlSource = "ser0010.denominacao"
Enabled = .f.
Height = 24
InputMask = ""
Left = 98
ReadOnly = .T.
TabIndex = 0
Top = 77
Visible = .T.
Width = 376
Name = "DENOMINAÇÃO1"
AutoSize = .T.
FontBold = .T.
Caption = "Produção da Equipe:"
Left = 246
Top = 57
Visible = .T.
Width = 111
TabIndex = 0
Name = "LBLUND_PROD1"
Value =
ControlSource = "ser0010.und_prod"
Enabled = .f.
InputMask = "XXX"
Left = 434
ReadOnly = .T.
TabIndex = 0
Top = 53
Visible = .T.
Width = 40
Name = "UND_PROD1"
Top = 48
Left = 583
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
```

```

Caption = ""
TabIndex = 6
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40120 IN Screen
ENDPROC
Top = 305
Left = 113
Height = 24
Width = 74
Caption = "Inclusão"
TabIndex = 3
Name = "Inclui"
procedure Click
    set deleted off
    IF !empty(Thisform.Combo1.Value)
        sele Ser0020
        GO Top
        LOCATE FOR cod_grupo=este_grupo
        and cod_composicao=este_comp and
        cod_tipo=este_tipo and ;
        classe_serv =este_clser and
        equipamento=Thisform.Combo1.Value
        IF !FOUND()
            INSERT INTO Ser0020 ( cod_grupo,
            cod_composicao,cod_tipo, classe_serv
            ,cod_ident, ;
            equipamento, quantidade,
            utilizacao);
            VALUES (este_grupo,
            este_comp,este_tipo ,este_clser
            ,este_ident,Thisform.Combo1.Value,1,1)
            =TableUpdate(.T.)
        ELSE
            IF deleted()
                recall next 1
                =msg(2)
                =TableUpdate(.T.)
            ELSE
                =msg(1)
                set deleted on
                RETURN
            ENDIF
        ENDIF
        set deleted on

        =Requery("ctrv0221")
        Thisform.grid1.Refresh
        Thisform.Combo1.Value = ""
        Thisform.Refresh
    ELSE
        =msg(3)
    ENDIF
    set deleted on

ENDPROC
Top = 305
Left = 438
Height = 24
Width = 74
Caption = "Exclusão"
TabIndex = 4
Name = "Exclui"
procedure Click
    IF
    !empty(Thisform.grid1.Column1.Text1.Value
    )

        sele Ser0020

        IF perg("Deseja eliminar a linha com o
        código =
        '+Thisform.grid1.Column1.Text1.Value) =
        .T.

```

```

DELETE FROM Ser0020 WHERE
cod_grupo=este_grupo and
cod_composicao=este_comp and ;
        cod_tipo=este_tipo and classe_serv
        =este_clser and cod_ident=este_ident and ;

equipamento=Thisform.grid1.Column1.Text1
.Value
    =TableUpdate(.T.)
    mkDel = .T.
    =Requery("ctrv0221")
    Thisform.grid1.Refresh
    Thisform.Combo1.Value = ""
    Thisform.grid1.Column1.Text1.Value
    =""
    Thisform.Refresh
ENDIF

ELSE
    =msg(4)
ENDIF

ENDPROC
ColumnCount = 2
ColumnWidths = "40,300"
RowSourceType = 3
RowSource = "select equipamento,
rtrim(fabricante)+'/' + rtrim(modelo) + '/' +
rtrim(tipo_eqp)+'/' + extFE(fonte_energia)
from eqp0040 into cursor equips order by
eqp0040.equipamento"
ControlSource = ""
FirstElement = 1
Height = 24
Left = 209
NumberOfElements = 0
TabIndex = 2
Top = 305
Width = 205
Name = "Combo1"
ColumnCount = 5
DeleteMark = .f.
Height = 193
Left = 3
Panel = 1
RecordSource = "Ctrv0221"
RecordSourceType = 1
ScrollBars = 2
TabIndex = 5
Top = 108
Width = 615
Name = "Grid1"
Column1.Alignment = 2
Column1.ControlSource =
"Ctrv0221.Equipamento"
Column1.Width = 85
Column1.ReadOnly = .T.
Column1.Name = "Column1"
Column2.ControlSource =
"Ctrv0221.Quantidade"
Column2.Width = 74
Column2.Name = "Column2"
Column3.ControlSource =
"Ctrv0221.Utilizacao"
Column3.Width = 67
Column3.Name = "Column3"
Column4.ControlSource =
"Ctrv0221.Fabricante"
Column4.Width = 210
Column4.ReadOnly = .T.
Column4.Name = "Column4"
Column5.ControlSource =
"Ctrv0221.Modelo"
Column5.Width = 210
Column5.ReadOnly = .T.
Column5.Name = "Column5"

```

```

Caption = "Equipamento"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
procedure Init
    Thisform.grid1.Column1.Text1.Value = "
ENDPROC
Caption = "Quantidade"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
InputMask = "999,999.9999"
Margin = 2
ColorSource = 3
Name = "Text1"
Caption = "Utilização"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 2
ColorSource = 3
Name = "Text1"
Caption = "Fabricante"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Modelo"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 342
Left = 230
Width = 161
Height = 29
TabIndex = 1
Name = "So_edita1"
cmdPrev.Name = "CMDPREV"
cmdNext.Name = "CMDNEXT"
cmdTop.Name = "CMDTOP"
cmdEnd.Name = "CMDEND"
cmdFind.Name = "CMDFIND"
cmdPrint.Name = "CMDPRINT"
cmdExit.Name = "CMDEXIT"
cmdAdd.Name = "CMDADD"
cmdDelete.Name = "CMDDELETE"
cmdEdit.Name = "CMDEDIT"
procedure cmdAdd.Click
    so_edita::cmdAdd.Click
    with Thisform
        .inclui.Enabled=!.inclui.Enabled
        .exclui.Enabled=!.exclui.Enabled
        .Combo1.Enabled=!.Combo1.Enabled
    Endwith
ENDPROC
procedure cmdEdit.Click
    so_edita::cmdEdit.Click
    with Thisform
        .inclui.Enabled=!.inclui.Enabled

```

```

.exclui.Enabled=!.exclui.Enabled
.Combo1.Enabled=!.Combo1.Enabled
Endwith
ENDPROC
Alignment = 2
Value =
ControlSource = "este_grupo"
Enabled = .f.
InputMask = "X"
Left = 98
ReadOnly = .T.
TabIndex = 0
Top = 53
Visible = .T.
Width = 20
Name = "COD_GRUPO1"
Alignment = 2
Value =
ControlSource = "este_comp"
Enabled = .f.
InputMask = "X"
Left = 118
ReadOnly = .T.
TabIndex = 0
Top = 53
Visible = .T.
Width = 20
Name = "COD_COMPOSICAO1"
Alignment = 2
Value =
ControlSource = "este_tipo"
Enabled = .f.
InputMask = "XX"
Left = 138
ReadOnly = .T.
TabIndex = 0
Top = 53
Visible = .T.
Width = 30
Name = "COD_TIPO1"
Alignment = 2
Value =
ControlSource = "este_clser"
Enabled = .f.
InputMask = "XXX"
Left = 168
ReadOnly = .T.
TabIndex = 0
Top = 53
Visible = .T.
Width = 40
Name = "CLASSE_SERV1"
Alignment = 2
Value =
ControlSource = "este_ident"
Enabled = .f.
InputMask = "XX"
Left = 208
ReadOnly = .T.
TabIndex = 0
Top = 53
Visible = .T.
Width = 30
Name = "COD_IDENT1"
Value =
ControlSource = "ser0010.prod_equipe"
Enabled = .f.
Height = 21
InputMask = "999,999.9999"
Left = 360
ReadOnly = .T.
TabIndex = 0
Top = 53
Visible = .T.
Width = 72
Name = "prodeq"

```

```

*****
I.53 FORMSCTR\TCTR0222.SCX

```

```

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 109
Height = 181
Alias = "ser0010"
BufferModeOverride = 5
Order = "iservico"
Database = ..\sicro.dbc
CursorSource = "ser0010"
Name = "CURSOR1"
Left = 152
Top = 10
Width = 118
Height = 184
Alias = "ser0030"
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "ser0030"
Name = "Cursor2"
Left = 511
Top = 29
Width = 148
Height = 190
Alias = "ctrv0222"
Database = ..\sicro.dbc
CursorSource = "ctrv0222"
Name = "Cursor3"
Left = 281
Top = 12
Width = 155
Height = 144
Alias = "mao0010"
Order = "imaodeobra"
Database = ..\sicro.dbc
CursorSource = "mao0010"
Name = "Cursor4"
ScaleMode = 3
Height = 374
Width = 620
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0222"
Visible = .f.
HelpContextID = 40130
icon = ..\IMAGENS\dner02.ico
WindowType = 1
windowstate = 0
LockScreen = .f.
Name = "TCTR0222"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "layoutsty"
Label1.Caption = "Serviços/Atividades:
Composição de Mão-de-Obra"
Label1.Left = 12
Label1.Top = 8

```

```

Label1.Width = 592
Label1.TabIndex = 0
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 606
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 606
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 335
Shape3.Width = 606
Shape3.Name = "Shape3"
Shape4.Left = 6
Shape4.Top = 336
Shape4.Width = 606
Shape4.Name = "Shape4"
procedure Init
    sele ser0010
        SEEK vservico

    private este_grupo ,este_comp ,este_tipo
,este_clser ,este_ident

    este_grupo=cod_grupo
    este_comp=cod_composicao
    este_tipo=cod_tipo
    este_clser=classe_serv
    este_ident=cod_ident

    with Thisform
        .COD_GRUPO1.Value=cod_grupo

.COD_COMPOSICAO1.Value=cod_composi
cao
.COD_TIPO1.Value=cod_tipo
.CLASSE_SERV1.Value=classe_serv
.COD_IDENT1.Value=cod_ident
Endwith

    sele ctrv0222

    set FILTER to cod_grupo=este_grupo and
cod_composicao=este_comp and
cod_tipo=este_tipo and ;
    classe_serv =este_clser and
cod_ident=este_ident
    GO Top

    sele ser0010
ENDPROC
procedure Refresh
    sele ser0010
        SEEK vservico
    este_grupo=cod_grupo
    este_comp=cod_composicao
    este_tipo=cod_tipo
    este_clser=classe_serv
    este_ident=cod_ident

    sele ctrv0222

    set FILTER to cod_grupo=este_grupo and
cod_composicao=este_comp and
cod_tipo=este_tipo and ;
    classe_serv =este_clser and
cod_ident=este_ident
    GO Top

    sele ser0010

```

```

ENDPROC
procedure Destroy
IF mkDel = .T.
    set exclusive on
    sele Ser0030
    use Ser0030 exclusive
    pack
    reindex
    set exclusive off
    mkDel = .f.
ENDIF

sele mao
use

ENDPROC
ColumnCount = 3
DeleteMark = .f.
Height = 172
Left = 102
ReadOnly = .f.
RecordSource = "ctrv0222"
RecordSourceType = 1
ScrollBars = 2
TabIndex = 5
tag = ""
Top = 114
Visible = .T.
Width = 417
Comment = ""
Name = "grid1"
Column1.Bound = .f.
Column1.ControlSource =
"ctrv0222.mao_de_obra"
Column1.Width = 84
Column1.ReadOnly = .f.
Column1.Sparse = .f.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource =
"ctrv0222.quantidade"
Column2.Width = 80
Column2.ReadOnly = .f.
Column2.Sparse = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.ControlSource =
"ctrv0222.descricao"
Column3.Width = 220
Column3.ReadOnly = .f.
Column3.Visible = .T.
Column3.Name = "Column3"
Alignment = 2
Caption = "Mão-de-Obra"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "ctrv0222.mao_de_obra"
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
procedure Init
    Thisform.grid1.Column1.Text1.Value = "
ENDPROC
Alignment = 2
Caption = "Quantidade"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ControlSource = "ctrv0222.quantidade"
ForeColor = 0,0,0
InputMask = "999,999.9999"
Margin = 2
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
AutoSize = .T.
FontBold = .T.
Caption = "Código:"
Left = 10
Top = 61
Visible = .T.
Width = 42
TabIndex = 0
Name = "LBLCOD_GRUPO1"
FontBold = .T.
Caption = "Denominação:"
Left = 10
Top = 85
Visible = .T.
Width = 86
TabIndex = 0
Name = "LBLDENOMINAÇÃO1"
Top = 52
Left = 574
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 6
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40130 IN Screen
ENDPROC
Top = 302
Left = 109
Height = 24
Width = 74
Caption = "Inclusão"
TabIndex = 3
Name = "Inclui"
procedure Click
    set deleted off

IF !empty(Thisform.Combo1.Value)
    sele Ser0030
    set Order to ichave
    GO Top
    LOCATE FOR cod_grupo=este_grupo
and cod_composicao=este_comp and
cod_tipo=este_tipo and ;
    classe_serv =este_clser and
cod_ident=este_ident and
mao_de_obra=Thisform.Combo1.Value
IF !FOUND()
    INSERT INTO Ser0030 ( cod_grupo,
cod_composicao,cod_tipo, classe_serv
,cod_ident, ;
    mao_de_obra,quantidade);
VALUES (este_grupo,
este_comp,este_tipo ,este_clser
,este_ident,Thisform.Combo1.Value,1)
=TableUpdate(.T.)
ELSE
    IF deleted()
        recall next 1
        =msg(2)
        =TableUpdate(.T.)
    ELSE
        =msg(1)
        set deleted on
        RETURN
    ENDIF
ENDIF
set deleted on

=Requery("ctrv0222")
Thisform.grid1.Refresh
Thisform.Combo1.Value = ""
Thisform.Refresh
ELSE
    =msg(3')
ENDIF

set deleted on

ENDPROC
Top = 302
Left = 434
Height = 24
Width = 74
Caption = "Exclusão"
TabIndex = 4
Name = "Exclui"
procedure Click
    IF
!empty(Thisform.grid1.Column1.Text1.Value
)
        sele Ser0030
        set Order to ichave
        IF perg('Deseja eliminar a linha com o
código =
'+Thisform.grid1.Column1.Text1.Value) =
.T.
            DELETE FROM Ser0030 WHERE
cod_grupo=este_grupo and
cod_composicao=este_comp and ;
            cod_tipo=este_tipo and classe_serv
=este_clser and cod_ident=este_ident and ;

mao_de_obra=Thisform.grid1.Column1.Text
1.Value
            mkDel = .T.
            =TableUpdate(.T.)
            =Requery("ctrv0222")
            Thisform.grid1.Refresh
            Thisform.Combo1.Value = ""
            Thisform.grid1.Column1.Text1.Value
=""
            Thisform.Refresh
        ENDIF
    ELSE
        =msg(4')
    ENDIF

ENDPROC
ColumnCount = 2
ColumnWidths = "40,260"
RowSourceType = 3
RowSource = "select * from mao0010 into
cursor mao order by mao0010.mao_d_obra"
ControlSource = ""

```

```

FirstElement = 1
Height = 24
Left = 205
NumberOfElements = 0
TabIndex = 2
Top = 302
Width = 205
Name = "Combo1"
Top = 342
Left = 230
Width = 161
Height = 29
TabIndex = 1
Name = "So_edita1"
cmdPrev.Name = "CMDPREV"
cmdNext.Name = "CMDNEXT"
cmdTop.Name = "CMDTOP"
cmdEnd.Name = "CMDEND"
cmdFind.Name = "CMDFIND"
cmdPrint.Name = "CMDPRINT"
cmdExit.Name = "CMDEXIT"
cmdAdd.Name = "CMDADD"
cmdDelete.Name = "CMDDELETE"
cmdEdit.Name = "CMDEDIT"
procedure cmdAdd.Click
    so_edita::cmdAdd.Click
    with Thisform
        .incluir.Enabled=!.incluir.Enabled
        .excluir.Enabled=!.excluir.Enabled
        .Combo1.Enabled=!.Combo1.Enabled
    Endwith
ENDPROC
procedure cmdEdit.Click
    so_edita::cmdEdit.Click
    with Thisform
        .incluir.Enabled=!.incluir.Enabled
        .excluir.Enabled=!.excluir.Enabled
        .Combo1.Enabled=!.Combo1.Enabled
    Endwith
ENDPROC
Value =
ControlSource = "ser0010.denominacao"
Enabled = .f.
Height = 24
InputMask = ""
Left = 101
ReadOnly = .T.
TabIndex = 0
Top = 78
Visible = .T.
Width = 376
Name = "DENOMINAÇÃO1"
AutoSize = .T.
FontBold = .T.
Caption = "Produção da Equipe:"
Left = 249
Top = 58
Visible = .T.
Width = 111
TabIndex = 0
Name = "LBLUND_PROD1"
Value =
ControlSource = "ser0010.und_prod"
Enabled = .f.
InputMask = "XXX"
Left = 437
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 40
Name = "UND_PROD1"
Alignment = 2
Value =
ControlSource = "este_grupo"
Enabled = .f.

```

```

InputMask = "X"
Left = 101
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 20
Name = "COD_GRUPO1"
Alignment = 2
Value =
ControlSource = "este_comp"
Enabled = .f.
InputMask = "X"
Left = 121
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 20
Name = "COD_COMPOSICAO1"
Alignment = 2
Value =
ControlSource = "este_tipo"
Enabled = .f.
InputMask = "XX"
Left = 141
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 30
Name = "COD_TIPO1"
Alignment = 2
Value =
ControlSource = "este_clser"
Enabled = .f.
InputMask = "XXX"
Left = 171
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 40
Name = "CLASSE_SERV1"
Alignment = 2
Value =
ControlSource = "este_ident"
Enabled = .f.
InputMask = "XX"
Left = 211
TabIndex = 0
Top = 54
Visible = .T.
Width = 30
Name = "COD_IDENT1"
Value =
ControlSource = "ser0010.prod_equipe"
Enabled = .f.
Height = 21
InputMask = "999,999.9999"
Left = 363
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 72
Name = "prodeq"

*****

I.54 FORMSCTR\TCTR0223.SCX

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"

```

```

Alias = "ser0010"
BufferModeOverride = 5
Order = "iservico"
Database = ..\micro.dbc
CursorSource = "ser0010"
ReadOnly = .f.
Name = "CURSOR1"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "ser0040"
Order = "ichave"
Database = ..\micro.dbc
CursorSource = "ser0040"
Name = "Cursor2"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "ctrv0223"
Order = ""
Database = ..\micro.dbc
CursorSource = "ctrv0223"
Name = "Cursor3"
Left = 440
Top = 10
Width = 90
Height = 90
Alias = "mat0020"
Order = "imaterial"
Database = ..\micro.dbc
CursorSource = "mat0020"
Name = "Cursor4"
ScaleMode = 3
Height = 373
Width = 620
DoCreate = .T.
ShowTips = .T.
BufferMode = 0
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0223"
Visible = .f.
HelpContextID = 40140
icon = ..\IMAGENS\dner02.ico
WindowType = 1
windowstate = 0
LockScreen = .f.
Name = "TCTR0223"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "layoutsty"
Label1.Caption = "Serviços/Atividades:
Composição de Materiais"
Label1.Left = 12
Label1.Top = 8
Label1.Width = 545
Label1.TabIndex = 0
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 606
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43

```



```

Shape2.Width = 606
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 328
Shape3.Width = 606
Shape3.Name = "Shape3"
Shape4.Left = 6
Shape4.Top = 329
Shape4.Width = 606
Shape4.Name = "Shape4"
procedure Destroy
  IF mkDel = .T.
    set exclusive on
    sele Ser0040
    use Ser0040 exclusive
    pack
    reindex
    set exclusive off
    mkDel = .f.
  ENDIF

  sele mats
  use
ENDPROC
procedure Refresh
  sele ser0010
  SEEK vservico
  este_grupo=cod_grupo
  este_comp=cod_composicao
  este_tipo=cod_tipo
  este_clser=classe_serv
  este_ident=cod_ident

  sele ctrv0223

  set FILTER to cod_grupo=este_grupo and
cod_composicao=este_comp and
cod_tipo=este_tipo and classe_serv
=este_clser and cod_ident=este_ident
  GO Top

  sele ser0010
ENDPROC
procedure Init
  sele ser0010
  SEEK vservico

  private este_grupo,este_comp,este_tipo
,este_clser,este_ident

  este_grupo=cod_grupo
  este_comp=cod_composicao
  este_tipo=cod_tipo
  este_clser=classe_serv
  este_ident=cod_ident

  sele ctrv0223

  set FILTER to cod_grupo=este_grupo and
cod_composicao=este_comp and
cod_tipo=este_tipo and classe_serv
=este_clser and cod_ident=este_ident
  GO Top

  sele ser0010
ENDPROC
procedure Activate
  SELECT ser0010
  set Order to iservico
ENDPROC
ColumnCount = 4

ChildOrder = ""
DeleteMark = .f.
DragMode = 0
Height = 172
Left = 41
LinkMaster = ""
ReadOnly = .f.
RecordSource = "ctrv0223"
RecordSourceType = 1
ScrollBars = 2
TabIndex = 5
tag = ""
Top = 114
Visible = .T.
Width = 538
Comment = ""
Name = "grid1"
Column1.Alignment = 2
Column1.Bound = .f.
Column1.ControlSource =
"ctrv0223.material"
Column1.Width = 84
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource =
"ctrv0223.quantidade"
Column2.Width = 80
Column2.ReadOnly = .T.
Column2.Sparse = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Alignment = 2
Column3.Bound = .f.
Column3.ControlSource = "ctrv0223.undw"
Column3.Width = 120
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ControlSource =
"ctrv0223.nome_mat"
Column4.Width = 220
Column4.ReadOnly = .T.
Column4.Visible = .T.
Column4.Name = "Column4"
Alignment = 2
Caption = "Material"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "ctrv0223.material"
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
procedure Init
  Thisform.grid1.Column1.Text1.Value = "
ENDPROC
Alignment = 2
Caption = "Quantidade"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ControlSource = "ctrv0223.quantidade"
ForeColor = 0,0,0
InputMask = "999,999.9999"
Margin = 2
ReadOnly = .f.
ColorSource = 3

Name = "Text1"
Alignment = 2
Caption = "Unidade Trabalho"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ControlSource = ""
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
AutoSize = .T.
FontBold = .T.
Caption = "Código:"
Left = 45
Top = 61
Visible = .T.
Width = 42
TabIndex = 0
Name = "LBLCOD_GRUPO1"
FontBold = .T.
Caption = "Denominação:"
Left = 45
Top = 85
Visible = .T.
Width = 86
TabIndex = 0
Name = "LBLDENOMINAÇÃO1"
Top = 52
Left = 574
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 6
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
  HELP ID 40140 IN Screen
ENDPROC
Top = 297
Left = 128
Height = 24
Width = 74
Caption = "Inclusão"
TabIndex = 3
Name = "Inclui"
procedure Click
  set deleted off
  IF !empty(Thisform.Combo1.Value)
    sele Ser0040
    set Order to ichave
    GO Top
    LOCATE FOR cod_grupo=este_grupo
and cod_composicao=este_comp and
cod_tipo=este_tipo and classe_serv
=este_clser and cod_ident=este_ident and
material=Thisform.Combo1.Value
    IF !FOUND()
      INSERT INTO Ser0040 ( cod_grupo,
cod_composicao,cod_tipo, classe_serv
,cod_ident,material,quantidade);

```

```

VALUES (este_grupo,
este_comp,este_tipo ,este_clser
,este_ident,Thisform.Combo1.Value,1)
=TableUpdate(.T.)
ELSE
IF deleted()
recall next 1
=msg(2)
=TableUpdate(.T.)
ELSE
=msg('1')
set deleted on
RETURN
ENDIF
ENDIF
set deleted on
=TableUpdate(.T.)
=Requery("ctrv0223")
Thisform.grid1.Refresh
Thisform.Combo1.Value = ""
Thisform.Refresh

ELSE
=msg('3')
ENDIF
set deleted on

ENDPROC
Top = 297
Left = 453
Height = 24
Width = 74
Caption = "Exclusão"
TabIndex = 4
Name = "Exclui"
procedure Click
IF
!empty(Thisform.grid1.Column1.Text1.Value
)

sele Ser0040
set Order to ichave

IF perg('Deseja eliminar a linha com o
código =
'+Thisform.grid1.Column1.Text1.Value) =
.T.
DELETE FROM Ser0040 WHERE
cod_grupo=este_grupo and
cod_composicao=este_comp and ;
cod_tipo=este_tipo and classe_serv
=este_clser and cod_ident=este_ident and ;
material=Thisform.grid1.Column1.Text1.Val
ue
mkDel = .T.
=TableUpdate(.T.)
=Requery("ctrv0223")
Thisform.grid1.Refresh
Thisform.grid1.Column1.Text1.Value
=""
Thisform.Refresh
ENDIF

ELSE
=msg('4')

ENDIF
ENDPROC
ColumnCount = 2
ColumnWidths = "40,260"
RowSourceType = 3
RowSource = "select material, nome_mat
from mat0020 into cursor mats order by 1"
ControlSource = ""
FirstElement = 1

```

```

Height = 24
Left = 224
NumberOfElements = 0
TabIndex = 2
Top = 297
Width = 205
Name = "Combo1"
Top = 338
Left = 233
Width = 161
Height = 29
TabIndex = 1
Name = "So_edita1"
cmdPrev.Name = "CMDPREV"
cmdNext.Name = "CMDNEXT"
cmdTop.Name = "CMDTOP"
cmdEnd.Name = "CMDEND"
cmdFind.Name = "CMDFIND"
cmdPrint.Name = "CMDPRINT"
cmdExit.Name = "CMDEXIT"
cmdAdd.Name = "CMDADD"
cmdDelete.Name = "CMDDELETE"
cmdEdit.Name = "CMDEDIT"
procedure cmdAdd.Click
so_edita::cmdAdd.Click
with Thisform
.inclui.Enabled=!.inclui.Enabled
.exclui.Enabled=!.exclui.Enabled
.Combo1.Enabled=!.Combo1.Enabled
Endwith
ENDPROC
procedure cmdEdit.Click
so_edita::cmdEdit.Click
with Thisform
.inclui.Enabled=!.inclui.Enabled
.exclui.Enabled=!.exclui.Enabled
.Combo1.Enabled=!.Combo1.Enabled
Endwith
ENDPROC
Value =
ControlSource = "ser0010.denominacao"
Enabled = .f.
Height = 24
InputMask = ""
Left = 132
ReadOnly = .T.
TabIndex = 0
Top = 80
Visible = .T.
Width = 376
Name = "DENOMINAÇÃO1"
AutoSize = .T.
FontBold = .T.
Caption = "Produção da Equipe:"
Left = 280
Top = 60
Visible = .T.
Width = 111
TabIndex = 0
Name = "LBLUND_PROD1"
Value =
ControlSource = "ser0010.und_prod"
Enabled = .f.
InputMask = "XXX"
Left = 468
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 40
Name = "UND_PROD1"
Alignment = 2
Value =
ControlSource = "este_grupo"
Enabled = .f.
InputMask = "X"

```

```

Left = 132
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 20
Name = "COD_GRUPO1"
Alignment = 2
Value =
ControlSource = "este_comp"
Enabled = .f.
InputMask = "X"
Left = 152
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 20
Name = "COD_COMPOSICAO1"
Alignment = 2
Value =
ControlSource = "este_tipo"
Enabled = .f.
InputMask = "XX"
Left = 172
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 30
Name = "COD_TIPO1"
Alignment = 2
Value =
ControlSource = "este_clser"
Enabled = .f.
InputMask = "XXX"
Left = 202
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 40
Name = "CLASSE_SERV1"
Alignment = 2
Value =
ControlSource = "este_ident"
Enabled = .f.
InputMask = "XX"
Left = 242
TabIndex = 0
Top = 56
Visible = .T.
Width = 30
Name = "COD_IDENT1"
Value =
ControlSource = "ser0010.prod_equipe"
Enabled = .f.
Height = 21
InputMask = "999,999.9999"
Left = 394
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 72
Name = "prodeq"

*****

1.55 FORMSCTR\TCTR0224.SCX

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 20

```

```

Top = 10
Width = 109
Height = 181
Alias = "ser0010"
BufferModeOverride = 5
Order = "iservico"
Database = ..\sicro.dbc
CursorSource = "ser0010"
Name = "CURSOR1"
Left = 191
Top = 11
Width = 174
Height = 159
Alias = "ser0050"
Database = ..\sicro.dbc
CursorSource = "ser0050"
Name = "Cursor5"
Left = 160
Top = 209
Width = 175
Height = 162
Alias = "serv0050"
Database = ..\sicro.dbc
CursorSource = "serv0050"
Name = "Cursor6"
ScaleMode = 3
Height = 374
Width = 671
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0224"
Visible = .f.
HelpContextID = 40150
icon = ..\IMAGENS\dner02.ico
WindowType = 1
WindowState = 0
LockScreen = .f.
Name = "TCTR0224"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "layoutsty"
Label1.Caption = "Serviços/Atividades:
Composição de Outras Atividades"
Label1.Left = 12
Label1.Top = 8
Label1.Width = 646
Label1.TabIndex = 0
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 649
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 649
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 5
Shape3.Top = 335
Shape3.Width = 649
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 5

```

```

Shape4.Top = 336
Shape4.Width = 649
Shape4.Name = "Shape4"
procedure Destroy
IF mkDel = .T.
    set exclusive on
    sele Ser0050
    use Ser0050 exclusive
    pack
    reindex
    set exclusive off
    mkDel = .f.
ENDIF

sele mao
use

ENDPROC
procedure Refresh
sele ser0010
SEEK vservico
este_grupo=cod_grupo
este_comp=cod_composicao
este_tipo=cod_tipo
este_clser=classe_serv
este_ident=cod_ident

sele serv0050

set FILTER to cod_grupo=este_grupo and
cod_composicao=este_comp and
cod_tipo=este_tipo and ;
classe_serv =este_clser and
cod_ident=este_ident
GO Top

sele ser0010

ENDPROC
procedure Init
sele ser0010
SEEK vservico

private este_grupo ,este_comp ,este_tipo
,este_clser ,este_ident

este_grupo=cod_grupo
este_comp=cod_composicao
este_tipo=cod_tipo
este_clser=classe_serv
este_ident=cod_ident

with Thisform
.COD_GRUPO1.Value=cod_grupo

.COD_COMPOSICAO1.Value=cod_composi
cao
.COD_TIPO1.Value=cod_tipo
.CLASSE_SERV1.Value=classe_serv
.COD_IDENT1.Value=cod_ident
Endwith

sele serv0050

set FILTER to cod_grupo=este_grupo and
cod_composicao=este_comp and
cod_tipo=este_tipo and ;
classe_serv =este_clser and
cod_ident=este_ident
GO Top

sele ser0010
ENDPROC
ColumnCount = 3

```

```

DeleteMark = .f.
Height = 172
Left = 105
Panel = 1
ReadOnly = .f.
RecordSource = "serv0050"
RecordSourceType = 1
ScrollBars = 2
TabIndex = 5
tag = ""
Top = 114
Visible = .T.
Width = 505
Comment = ""
Name = "grid1"
Column1.Alignment = 2
Column1.Bound = .f.
Column1.ControlSource = ""
Column1.Width = 97
Column1.ReadOnly = .f.
Column1.Sparse = .f.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource = ""
Column2.Width = 97
Column2.ReadOnly = .f.
Column2.Sparse = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Alignment = 3
Column3.Bound = .f.
Column3.ControlSource = ""
Column3.Width = 279
Column3.ReadOnly = .T.
Column3.Sparse = .f.
Column3.Visible = .T.
Column3.Name = "Column3"
Alignment = 2
Caption = "Código"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "serv0050.codigo5c"
ForeColor = 0,0,0
InputMask = "XXXXXXXXXX"
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
procedure Init
Thisform.grid1.Column1.Text1.Value = "
ENDPROC
Alignment = 2
Caption = "Quantidade"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ControlSource = "serv0050.quantidade"
ForeColor = 0,0,0
InputMask = "999,999.9999"
Margin = 2
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00

```

```

ControlSource = "serv0050.denominacao"
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
AutoSize = .T.
FontBold = .T.
Caption = "Código:"
Left = 62
Top = 61
Visible = .T.
Width = 42
TabIndex = 0
Name = "LBLCOD_GRUPO1"
FontBold = .T.
Caption = "Denominação:"
Left = 62
Top = 85
Visible = .T.
Width = 86
TabIndex = 0
Name = "LBLDENOMINAÇÃO1"
Top = 52
Left = 581
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 6
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40150 IN Screen
ENDPROC
Top = 302
Left = 136
Height = 24
Width = 74
Caption = "Inclusão"
TabIndex = 3
Name = "Inclui"
procedure Click
    set deleted off

    IF !empty(Thisform.Combo1.Value)

        sele Ser0050
        set Order to ichave
        GO Top
        LOCATE FOR
(cod_grupo+cod_composicao+cod_tipo+clas
se_serv+cod_ident) = vservico and ;
(cod_grupo_c + cod_composicao_c +
cod_tipo_c + classe_serv_c + cod_ident_c) ;
= Thisform.Combo1.Value
        IF !FOUND()
            INSERT INTO Ser0050 ;
(cod_grupo, cod_composicao,
cod_tipo, classe_serv, cod_ident, ;

cod_grupo_c,cod_composicao_c,cod_tipo_c,
classe_serv_c,cod_ident_c,quantidade) ;
VALUES (SUBSTR(vservico,1,1),
SUBSTR(vservico,2,1), ;
SUBSTR(vservico,3,2),
SUBSTR(vservico,5,3), ;
SUBSTR(vservico,8,2), ;

SUBSTR(Thisform.Combo1.Value,1,1),SUB
STR(Thisform.Combo1.Value,2,1), ;

SUBSTR(Thisform.Combo1.Value,3,2),SUB
STR(Thisform.Combo1.Value,5,3), ;

SUBSTR(Thisform.Combo1.Value,8,2), 1)

=TableUpdate(.T.)
ELSE
    IF deleted()
        recall next 1
        =msg(2)
        =TableUpdate(.T.)
    ELSE
        =msg(1)
        set deleted on
        RETURN
    ENDIF
ENDIF
set deleted on

=Requery("serv0050")
Thisform.grid1.Refresh
Thisform.Combo1.Value = ""
Thisform.Refresh

ELSE
    =msg(3')
ENDIF

set deleted on

ENDPROC
Top = 302
Left = 461
Height = 24
Width = 74
Caption = "Exclusão"
TabIndex = 4
Name = "Exclui"
procedure Click
    IF
!empty(Thisform.grid1.Column1.Text1.Value
)

        sele Ser0050
        set Order to ichave

        IF perg('Deseja eliminar a linha com o
código =
'+Thisform.grid1.Column1.Text1.Value) =
.T.

            DELETE FROM micro!Ser0050 ;
WHERE
cod_grupo+cod_composicao+cod_tipo+clas
e_serv+cod_ident = vservico and ;

cod_grupo_c+cod_composicao_c+cod_tipo_
c+classe_serv_c+cod_ident_c = ;

Thisform.grid1.Column1.Text1.Value

            mkDel = .T.
            =TableUpdate(.T.)
            =Requery("serv0050")
            Thisform.grid1.Refresh
            Thisform.Combo1.Value = ""
            Thisform.grid1.Column1.Text1.Value
            =""
            Thisform.Refresh
        ENDIF
    ELSE
        =msg(4')
    ENDIF

ENDPROC
ColumnCount = 2
RowSourceType = 3

RowSource = 'select
cod_grupo+cod_composicao+ cod_tipo+
classe_serv+ cod_ident, denominacao from
ser0010 into cursor mao where
(cod_grupo+ cod_composicao+
cod_tipo+classe_serv+ cod_ident <vservico)
and (cod_grupo = "1" or
cod_grupo=substr(vservico,1,1)) order by 1'
ControlSource = ""
FirstElement = 1
Height = 24
Left = 232
NumberOfElements = 0
TabIndex = 2
Top = 302
Width = 205
Name = "Combo1"
Top = 342
Left = 255
Width = 161
Height = 29
TabIndex = 1
Name = "So_edita1"
cmdPrev.Name = "CMDPREV"
cmdNext.Name = "CMDNEXT"
cmdTop.Name = "CMDTOP"
cmdEnd.Name = "CMDEND"
cmdFind.Name = "CMDFIND"
cmdPrint.Name = "CMDPRINT"
cmdExit.Name = "CMDEXIT"
cmdAdd.Name = "CMDADD"
cmdDelete.Name = "CMDDELETE"
cmdEdit.Name = "CMDEDIT"
procedure cmdAdd.Click
    so_edita::cmdAdd.Click
    with Thisform
        .inclui.Enabled=!.inclui.Enabled
        .exclui.Enabled=!.exclui.Enabled
        .Combo1.Enabled=!.Combo1.Enabled
    Endwith
ENDPROC
procedure cmdEdit.Click
    so_edita::cmdEdit.Click
    with Thisform
        .inclui.Enabled=!.inclui.Enabled
        .exclui.Enabled=!.exclui.Enabled
        .Combo1.Enabled=!.Combo1.Enabled
    Endwith
ENDPROC
Value =
ControlSource = "ser0010.denominacao"
Enabled = .f.
Height = 24
InputMask = ""
Left = 153
ReadOnly = .T.
TabIndex = 0
Top = 78
Visible = .T.
Width = 376
Name = "DENOMINAÇÃO1"
AutoSize = .T.
FontBold = .T.
Caption = "Produção da Equipe:"
Left = 301
Top = 58
Visible = .T.
Width = 111
TabIndex = 0
Name = "LBLUND_PROD1"
Value =
ControlSource = "ser0010.und_prod"
Enabled = .f.
InputMask = "XXX"
Left = 489
ReadOnly = .T.

```

```

TabIndex = 0
Top = 54
Visible = .T.
Width = 40
Name = "UND_PROD1"
Alignment = 2
Value =
ControlSource = "este_grupo"
Enabled = .f.
InputMask = "X"
Left = 153
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 20
Name = "COD_GRUPO1"
Alignment = 2
Value =
ControlSource = "este_comp"
Enabled = .f.
InputMask = "X"
Left = 173
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 20
Name = "COD_COMPOSICAO1"
Alignment = 2
Value =
ControlSource = "este_tipo"
Enabled = .f.
InputMask = "XX"
Left = 193
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 30
Name = "COD_TIPO1"
Alignment = 2
Value =
ControlSource = "este_clser"
Enabled = .f.
InputMask = "XXX"
Left = 223
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 40
Name = "CLASSE_SERV1"
Alignment = 2
Value =
ControlSource = "este_ident"
Enabled = .f.
InputMask = "XX"
Left = 263
TabIndex = 0
Top = 54
Visible = .T.
Width = 30
Name = "COD_IDENT1"
Value =
ControlSource = "ser0010.prod_equip"
Enabled = .f.
Height = 21
InputMask = "999,999.9999"
Left = 415
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 72
Name = "prodeq"

```

1.56 FORMSCTR\TCTR0225.SCX

```

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Alias = "ser0010"
BufferModeOverride = 5
Order = "iservico"
Database = ..\sicro.dbc
CursorSource = "ser0010"
ReadOnly = .f.
Name = "CURSOR1"
Left = 440
Top = 10
Width = 90
Height = 90
Alias = "mat0020"
Order = "imaterial"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "Cursor4"
Left = 92
Top = 202
Width = 90
Height = 90
Alias = "ser0060"
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "ser0060"
Name = "Cursor5"
Left = 251
Top = 201
Width = 90
Height = 90
Alias = "ctrv0225"
Database = ..\sicro.dbc
CursorSource = "ctrv0225"
Name = "Cursor6"
ScaleMode = 3
Height = 373
Width = 620
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0225"
Visible = .f.
HelpContextID = 40160
Icon = ..\IMAGENS\dner02.ico
WindowType = 1
WindowState = 0
LockScreen = .f.
Name = "TCTR0225"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "layoutsty"
Label1.Caption = "Serviços/Atividades:
Transporte de Materiais"
Label1.Left = 12
Label1.Top = 8
Label1.Width = 533
Label1.TabIndex = 0
Label1.Name = "Label1"

```

```

Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 606
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 606
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 328
Shape3.Width = 606
Shape3.Name = "Shape3"
Shape4.Left = 6
Shape4.Top = 329
Shape4.Width = 606
Shape4.Name = "Shape4"
procedure Destroy
  IF mkDel = .T.
    set exclusive on
    sele Ser0060
    use Ser0060 exclusive
    pack
    reindex
    set exclusive off
    mkDel = .f.
  ENDIF
ENDPROC
procedure Activate
  SELECT ser0010
  set Order to iservico
ENDPROC
procedure Init
  sele ser0010
  SEEK vservico

  private este_grupo,este_comp,este_tipo
,este_clser,este_ident

  este_grupo=cod_grupo
  este_comp=cod_composicao
  este_tipo=cod_tipo
  este_clser=classe_serv
  este_ident=cod_ident

  sele ctrv0225

  set FILTER to cod_grupo=este_grupo and
cod_composicao=este_comp and
cod_tipo=este_tipo and classe_serv
=este_clser and cod_ident=este_ident
  GO Top

  sele ser0010
ENDPROC
procedure Refresh
  sele ser0010
  SEEK vservico
  este_grupo=cod_grupo
  este_comp=cod_composicao
  este_tipo=cod_tipo
  este_clser=classe_serv
  este_ident=cod_ident

  sele ctrv0225

  set FILTER to cod_grupo=este_grupo and
cod_composicao=este_comp and
cod_tipo=este_tipo and classe_serv
=este_clser and cod_ident=este_ident
  GO Top

```

```

sele ser0010

ENDPROC
ColumnCount = 4
ChildOrder = ""
DeleteMark = .f.
Height = 172
Left = 41
LinkMaster = ""
ReadOnly = .f.
RecordSource = "ctrv0225"
RecordSourceType = 1
TabIndex = 5
tag = ""
Top = 114
Visible = .T.
Width = 538
Comment = ""
Name = "grid1"
Column1.Alignment = 2
Column1.Bound = .f.
Column1.ControlSource = ""
Column1.Width = 84
Column1.ReadOnly = .T.
Column1.Sparse = .f.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource = ""
Column2.Width = 80
Column2.ReadOnly = .T.
Column2.Sparse = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Alignment = 2
Column3.Bound = .f.
Column3.ControlSource = ""
Column3.Width = 120
Column3.ReadOnly = .T.
Column3.Sparse = .f.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ControlSource =
"ctrv0225.nome_mat"
Column4.Width = 220
Column4.ReadOnly = .T.
Column4.Visible = .T.
Column4.Name = "Column4"
Alignment = 2
Caption = "Material"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "ctrv0225.material"
ForeColor = 0,0,0
InputMask = "XXXX"
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
procedure Init
    Thisform.grid1.Column1.Text1.Value = ""
ENDPROC
Alignment = 2
Caption = "Quantidade"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ControlSource = "ctrv0225.quantidade"
ForeColor = 0,0,0

InputMask = "999,999.9999"
Margin = 2
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Unidade Trabalho"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ControlSource = "ctrv0225.undw"
ForeColor = 0,0,0
InputMask = "XXX"
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "ctrv0225.nome_mat"
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
AutoSize = .T.
FontBold = .T.
Caption = "Código:"
Left = 45
Top = 61
Visible = .T.
Width = 42
TabIndex = 0
Name = "LBLCOD_GRUPO1"
FontBold = .T.
Caption = "Denominação:"
Left = 45
Top = 85
Visible = .T.
Width = 86
TabIndex = 0
Name = "LBLDENOMINAÇÃO1"
Top = 52
Left = 574
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 6
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40160 IN Screen
ENDPROC
Top = 297
Left = 128
Height = 24
Width = 74
Caption = "Inclusão"
TabIndex = 3
Name = "Inclui"
procedure Click
    set deleted off
    IF !empty(Thisform.Combo1.Value)
        sele Ser0060
        set Order to ichave
        GO Top
        LOCATE FOR cod_grupo=este_grupo
        and cod_composicao=este_comp and
        cod_tipo=este_tipo and classe_serv
=este_clser and cod_ident=este_ident and
material=Thisform.Combo1.Value
IF !FOUND()
    INSERT INTO Ser0060 (cod_grupo,
cod_composicao,cod_tipo, classe_serv
,cod_ident,material,quantidade);
    VALUES (este_grupo,
este_comp,este_tipo ,este_clser
,este_ident,Thisform.Combo1.Value,1)
=TableUpdate(.T.)
ELSE
    IF deleted()
        recall next 1
        =msg(2)
        =TableUpdate(.T.)
    ELSE
        =msg(1)
        set deleted on
        RETURN
    ENDIF
ENDIF
set deleted on
=TableUpdate(.T.)
=Requery("ctrv0225")
Thisform.grid1.Refresh
Thisform.Combo1.Value = ""
Thisform.Refresh

ELSE
    =msg(3)
ENDIF
set deleted on

ENDPROC
Top = 297
Left = 453
Height = 24
Width = 74
Caption = "Exclusão"
TabIndex = 4
Name = "Exclui"
procedure Click
    IF
!empty(Thisform.grid1.Column1.Text1.Value
)

        sele Ser0060
        set Order to ichave

        IF perg('Deseja eliminar a linha com o
código =
'+Thisform.grid1.Column1.Text1.Value) =
.T.
            DELETE FROM Ser0060 WHERE
cod_grupo=este_grupo and
cod_composicao=este_comp and ;
cod_tipo=este_tipo and classe_serv
=este_clser and cod_ident=este_ident and ;
material=Thisform.grid1.Column1.Text1.Val
ue
            mkDel = .T.
            =TableUpdate(.T.)
            =Requery("ctrv0225")
            Thisform.grid1.Refresh
            Thisform.grid1.Column1.Text1.Value
=""
            Thisform.Refresh
        ENDIF
    ELSE
        =msg(4)
    ENDIF
ENDPROC
ColumnCount = 2

```

```

ColumnWidths = "40,260"
RowSourceType = 3
RowSource = "select material, nome_mat
from mat0020 into cursor mats order by 1"
ControlSource = ""
FirstElement = 1
Height = 24
Left = 224
NumberOfElements = 0
TabIndex = 2
Top = 297
Width = 205
Name = "Combo1"
Top = 338
Left = 233
Width = 161
Height = 29
TabIndex = 1
Name = "So_edita1"
cmdPrev.Name = "CMDPREV"
cmdNext.Name = "CMDNEXT"
cmdTop.Name = "CMDTOP"
cmdEnd.Name = "CMDEND"
cmdFind.Name = "CMDFIND"
cmdPrint.Name = "CMDPRINT"
cmdExit.Name = "CMDEXIT"
cmdAdd.Name = "CMDADD"
cmdDelete.Name = "CMDDELETE"
cmdEdit.Name = "CMDEDIT"
procedure cmdAdd.Click
so_edita::cmdAdd.Click
with Thisform
.inclui.Enabled=!inclui.Enabled
.exclui.Enabled=!exclui.Enabled
.Combo1.Enabled=!Combo1.Enabled
Endwith
ENDPROC
procedure cmdEdit.Click
so_edita::cmdEdit.Click
with Thisform
.inclui.Enabled=!inclui.Enabled
.exclui.Enabled=!exclui.Enabled
.Combo1.Enabled=!Combo1.Enabled
Endwith
ENDPROC
Value =
ControlSource = "ser0010.denominacao"
Enabled = .f.
Height = 24
InputMask = ""
Left = 132
ReadOnly = .T.
TabIndex = 0
Top = 80
Visible = .T.
Width = 376
Name = "DENOMINAÇÃO1"
AutoSize = .T.
FontBold = .T.
Caption = "Produção da Equipe:"
Left = 280
Top = 60
Visible = .T.
Width = 111
TabIndex = 0
Name = "LBLUND_PROD1"
Value =
ControlSource = "ser0010.und_prod"
Enabled = .f.
InputMask = "XXX"
Left = 468
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 40

```

```

Name = "UND_PROD1"
Alignment = 2
Value =
ControlSource = "este_grupo"
Enabled = .f.
InputMask = "X"
Left = 132
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 20
Name = "COD_GRUPO1"
Alignment = 2
Value =
ControlSource = "este_comp"
Enabled = .f.
InputMask = "X"
Left = 152
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 20
Name = "COD_COMPOSICAO1"
Alignment = 2
Value =
ControlSource = "este_tipo"
Enabled = .f.
InputMask = "XX"
Left = 172
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 30
Name = "COD_TIPO1"
Alignment = 2
Value =
ControlSource = "este_clser"
Enabled = .f.
InputMask = "XXX"
Left = 202
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 40
Name = "CLASSE_SERV1"
Alignment = 2
Value =
ControlSource = "este_ident"
Enabled = .f.
InputMask = "XX"
Left = 242
TabIndex = 0
Top = 56
Visible = .T.
Width = 30
Name = "COD_IDENT1"
Value =
ControlSource = "ser0010.prod_equipe"
Enabled = .f.
Height = 21
InputMask = "999,999.9999"
Left = 394
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 72
Name = "prodeq"

```

I.57 FORMSCTR\TCTR0226.SCX

```

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 3
Top = 8
Width = 161
Height = 188
Alias = "ser0010"
BufferModeOverride = 5
Order = "iservico"
Database = ..\sicro.dbc
CursorSource = "ser0010"
Name = "CURSOR1"
Left = 192
Top = 8
Width = 193
Height = 166
Alias = "ser0070"
Database = ..\sicro.dbc
CursorSource = "ser0070"
Name = "Cursor2"
Left = 193
Top = 201
Width = 193
Height = 179
Alias = "serv0070"
Database = ..\sicro.dbc
CursorSource = "serv0070"
Name = "Cursor3"
ScaleMode = 3
Height = 374
Width = 671
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0226"
Visible = .f.
HelpContextID = 40170
icon = ..\IMAGENS\dner02.ico
WindowType = 1
windowstate = 0
LockScreen = .f.
Name = "TCTR226"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "layoutsty"
Label1.Caption = "Serviços/Atividades:
Composição de Outras Atividades"
Label1.Left = 12
Label1.Top = 8
Label1.Width = 646
Label1.TabIndex = 0
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 649
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 649

```

```

Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 5
Shape3.Top = 335
Shape3.Width = 649
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 5
Shape4.Top = 336
Shape4.Width = 649
Shape4.Name = "Shape4"
procedure Refresh
    sele ser0010
    SEEK vservico
    este_grupo=cod_grupo
    este_comp=cod_composicao
    este_tipo=cod_tipo
    este_clser=classe_serv
    este_ident=cod_ident

    sele serv0070

    set FILTER to cod_grupo=este_grupo and
cod_composicao=este_comp and
cod_tipo=este_tipo and ;
    classe_serv =este_clser and
cod_ident=este_ident
    GO Top

    sele ser0010
ENDPROC
procedure Init
    sele ser0010
    SEEK vservico

    private este_grupo ,este_comp ,este_tipo
,este_clser ,este_ident

    este_grupo=cod_grupo
    este_comp=cod_composicao
    este_tipo=cod_tipo
    este_clser=classe_serv
    este_ident=cod_ident

    with Thisform
        .COD_GRUPO1.Value=cod_grupo

.COD_COMPOSICAO1.Value=cod_composi
cao
        .COD_TIPO1.Value=cod_tipo
        .CLASSE_SERV1.Value=classe_serv
        .COD_IDENT1.Value=cod_ident
    Endwith

    sele serv0070

    set FILTER to cod_grupo=este_grupo and
cod_composicao=este_comp and
cod_tipo=este_tipo and ;
    classe_serv =este_clser and
cod_ident=este_ident
    GO Top

    sele ser0010
ENDPROC
procedure Destroy
    IF mkDel = .T.
        set exclusive on
        sele Ser0070
        use Ser0070 exclusive
        pack
        reindex
        set exclusive off
        mkDel = .f.
    ENDIF
ENDPROC
ColumnCount = 3
DeleteMark = .f.
Height = 172
Left = 105
Panel = 1
ReadOnly = .f.
RecordSource = "serv0070"
RecordSourceType = 1
ScrollBars = 2
TabIndex = 5
tag = ""
Top = 114
Visible = .T.
Width = 505
Comment = ""
Name = "grid1"
Column1.Alignment = 2
Column1.Bound = .f.
Column1.ControlSource = ""
Column1.Width = 97
Column1.ReadOnly = .f.
Column1.Sparse = .f.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource = ""
Column2.Width = 97
Column2.ReadOnly = .f.
Column2.Sparse = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Alignment = 3
Column3.Bound = .f.
Column3.ControlSource = ""
Column3.Enabled = .T.
Column3.Width = 279
Column3.Movable = .T.
Column3.Resizable = .T.
Column3.ReadOnly = .T.
Column3.Sparse = .f.
Column3.Visible = .T.
Column3.SelectOnEntry = .T.
Column3.Name = "Column3"
Alignment = 2
Caption = "Código"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "serv0070.codigo7c"
ForeColor = 0,0,0
InputMask = "XXXXXXXXXX"
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
procedure Init
    Thisform.grid1.Column1.Text1.Value = "
ENDPROC
Alignment = 2
Caption = "Quantidade"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ControlSource = "serv0070.quantidade"
ForeColor = 0,0,0
InputMask = "999,999.9999"
Margin = 2
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ControlSource = "serv0070.denominacao"
Enabled = .T.
ForeColor = 0,0,0
Margin = 2
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
AutoSize = .T.
FontBold = .T.
Caption = "Código:"
Left = 62
Top = 61
Visible = .T.
Width = 42
TabIndex = 0
Name = "LBLCOD_GRUPO1"
FontBold = .T.
Caption = "Denominação:"
Left = 62
Top = 85
Visible = .T.
Width = 86
TabIndex = 0
Name = "LBLDENOMINAÇÃO1"
Top = 52
Left = 581
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 6
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40170 IN Screen
ENDPROC
Top = 302
Left = 136
Height = 24
Width = 74
Caption = "Inclusão"
TabIndex = 3
Name = "Inclui"
procedure Click
    set deleted off

    IF !empty(Thisform.Combo1.Value)

        sele Ser0070
        set Order to ichave
        GO Top
        LOCATE FOR
(cod_grupo+cod_composicao+cod_tipo+clas
se_serv+cod_ident) = vservico and ;
        (cod_grupo_c + cod_composicao_c +
cod_tipo_c + classe_serv_c + cod_ident_c) ;
        = Thisform.Combo1.Value
        IF !FOUND()
            INSERT INTO Ser0070 ;
                (cod_grupo, cod_composicao,
cod_tipo, classe_serv, cod_ident, ;

cod_grupo_c,cod_composicao_c,cod_tipo_c,
classe_serv_c,cod_ident_c,quantidade) ;
                VALUES (SUBSTR(vservico,1,1),
SUBSTR(vservico,2,1), ;
                SUBSTR(vservico,3,2),
SUBSTR(vservico,5,3), ;

```



```

SUBSTR(vservico,8,2);
SUBSTR(Thisform.Combo1.Value,1,1),SUBSTR(Thisform.Combo1.Value,2,1);
SUBSTR(Thisform.Combo1.Value,3,2),SUBSTR(Thisform.Combo1.Value,5,3);
SUBSTR(Thisform.Combo1.Value,8,2), 1)
=TableUpdate(.T.)
ELSE
IF deleted()
recall next 1
=msg('2')
=TableUpdate(.T.)
ELSE
=msg('1')
set deleted on
RETURN
ENDIF
ENDIF
set deleted on

=Requery("serv0070")
Thisform.grid1.Refresh
Thisform.Combo1.Value = ""
Thisform.Refresh
ELSE
=msg('3')
ENDIF

set deleted on

ENDPROC
Top = 302
Left = 461
Height = 24
Width = 74
Caption = "Exclusão"
TabIndex = 4
Name = "Exclui"
procedure Click
IF
!empty(Thisform.grid1.Column1.Text1.Value)

sele Ser0070
set Order to ichave

IF perg("Deseja eliminar a linha com o código =
'+Thisform.grid1.Column1.Text1.Value) =
.T.

DELETE FROM sicro!Ser0070 ;
WHERE
cod_grupo+cod_composicao+cod_tipo+class
e_serv+cod_ident = vservico and ;

cod_grupo_c+cod_composicao_c+cod_tipo_
c+classe_serv_c+cod_ident_c = ;

Thisform.grid1.Column1.Text1.Value

mkDel = .T.
=TableUpdate(.T.)
=Requery("serv0070")
Thisform.grid1.Refresh
Thisform.Combo1.Value = ""
Thisform.grid1.Column1.Text1.Value
=""
Thisform.Refresh
ENDIF
ELSE
SUBSTR(4)
ENDIF
ENDPROC
ColumnCount = 2
RowSourceType = 3
RowSource = "select distinct
cod_grupo+cod_composicao+ cod_tipo+
classe_serv+ cod_ident, denominacao from
ser0010 into cursor mao order by 1"
ControlSource = ""
FirstElement = 1
Height = 24
Left = 232
NumberOfElements = 0
TabIndex = 2
Top = 302
Width = 205
Name = "Combo1"
Top = 342
Left = 255
Width = 161
Height = 29
TabIndex = 1
Name = "So_edita1"
cmdPrev.Name = "CMDPREV"
cmdNext.Name = "CMDNEXT"
cmdTop.Name = "CMDTOP"
cmdEnd.Name = "CMDEND"
cmdFind.Name = "CMDFIND"
cmdPrint.Name = "CMDPRINT"
cmdExit.Name = "CMDEXIT"
cmdAdd.Name = "CMDADD"
cmdDelete.Name = "CMDDELETE"
cmdEdit.Name = "CMDEDIT"
procedure cmdAdd.Click
so_edita::cmdAdd.Click
with Thisform
.inclui.Enabled=!inclui.Enabled
.exclui.Enabled=!exclui.Enabled
.Combo1.Enabled=!Combo1.Enabled
Endwith
ENDIF
procedure cmdEdit.Click
so_edita::cmdEdit.Click
with Thisform
.inclui.Enabled=!inclui.Enabled
.exclui.Enabled=!exclui.Enabled
.Combo1.Enabled=!Combo1.Enabled
Endwith
ENDIF
Value =
ControlSource = "ser0010.denominacao"
Enabled = .f.
Height = 24
InputMask = ""
Left = 153
ReadOnly = .T.
TabIndex = 0
Top = 78
Visible = .T.
Width = 376
Name = "DENOMINAÇÃO1"
AutoSize = .T.
FontBold = .T.
Caption = "Produção da Equipe:"
Left = 301
Top = 58
Visible = .T.
Width = 111
TabIndex = 0
Name = "LBLUND_PROD1"
Value =
ControlSource = "ser0010.und_prod"
Enabled = .f.
InputMask = "XXX"
Left = 489
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 40
Name = "UND_PROD1"
Alignment = 2
Value =
ControlSource = "este_grupo"
Enabled = .f.
InputMask = "X"
Left = 153
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 20
Name = "COD_GRUPO1"
Alignment = 2
Value =
ControlSource = "este_comp"
Enabled = .f.
InputMask = "X"
Left = 173
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 20
Name = "COD_COMPOSICAO1"
Alignment = 2
Value =
ControlSource = "este_tipo"
Enabled = .f.
InputMask = "XX"
Left = 193
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 30
Name = "COD_TIPO1"
Alignment = 2
Value =
ControlSource = "este_clser"
Enabled = .f.
InputMask = "XXX"
Left = 223
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 40
Name = "CLASSE_SERV1"
Alignment = 2
Value =
ControlSource = "este_ident"
Enabled = .f.
InputMask = "XX"
Left = 263
TabIndex = 0
Top = 54
Visible = .T.
Width = 30
Name = "COD_IDENT1"
Value =
ControlSource = "ser0010.prod_equipe"
Enabled = .f.
Height = 21
InputMask = "999,999.9999"
Left = 415
ReadOnly = .T.
TabIndex = 0

```

```

Top = 54
Visible = .T.
Width = 72
Name = "prodeq"

*****

1.58 FORMSCTR\TCTR0230.SCX

Left = 9
Top = 112
Width = 417
Height = 150
Name = "Dataenvironment"
Alias = "obra"
BufferModeOverride = 5
Order = "ichave"
CursorSource = ..\TABELAS\obra.dbf
ReadOnly = .f.
Name = "Cursor1"
Alias = "ser0010"
BufferModeOverride = 5
Order = "iservico"
Database = ..\sicro.dbc
CursorSource = "ser0010"
ReadOnly = .f.
Name = "Cursor2"
ParentAlias = "obra"
RelationalExpr = "tipo_obra"
ChildAlias = "ser0010"
ChildOrder = "iobra"
Name = "Relation1"
ScaleMode = 3
Height = 375
Width = 666
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0230"
Visible = .f.
HelpContextID = 40180
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TCTR0230"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Relação de Atividades /
Serviços"
Label1.Width = 380
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 6
Shape1.Top = 42
Shape1.Width = 652
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 6
Shape2.Top = 43
Shape2.Width = 652
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 336
Shape3.Width = 652
Shape3.Name = "Shape3"
Shape4.Left = 6
Shape4.Top = 337
Shape4.Width = 652
Shape4.Name = "Shape4"

```

```

procedure bot_refresca
    Thisform.Refresh
ENDPROC
procedure Init
    Parameter pObra

    IF pObra != " "
        sele obra
        set FILTER to tipo_obra = pObra
        GO Top
        sele ser0010
        set FILTER to cod_grupo = pObra
        GO Top
    ELSE
        sele obra
        set FILTER to
        SEEK ("1")
        sele ser0010
        set FILTER to
        GO Top

    ENDIF

    sele ser0010
    * set order to cod_grupo +
cod_composicao + cod_tipo + classe_serv +
cod_ident
    set Order to tag iservico
    GO Top

    Thisform.Refresh
ENDPROC
FontBold = .T.
Caption = "Tipo de Obra:"
Height = 13
Left = 10
Top = 60
Visible = .T.
Width = 77
Name = "LBLTIPO_OBRA1"
FontBold = .T.
FontSize = 10
Alignment = 2
Value = 1
ControlSource = "obra.tipo_obra"
Enabled = .f.
Height = 24
InputMask = "X"
Left = 88
ReadOnly = .T.
Top = 54
Visible = .T.
Width = 30
Name = "TIPO_OBRA1"
FontBold = .T.
FontSize = 10
Value = Atividades Auxiliares e Elementares
ControlSource = "obra.nome_obra"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 136
ReadOnly = .T.
Top = 54
Visible = .T.
Width = 314
Name = "NOME_OBRA1"
ColumnCount = 5
ChildOrder = (ser0010)
DeleteMark = .f.
Height = 247

```

```

Left = 1
Panel = 1
ReadOnly = .f.
RecordMark = .f.
RecordSource = "ser0010"
RecordSourceType = 1
ScrollBars = 2
tag = ""
Top = 82
Visible = .T.
Width = 665
Comment = ""
Name = "grid1"
Column1.Bound = .T.
Column1.ControlSource =
'ser0010.cod_grupo+' "+
ser0010.cod_composicao+' "+
ser0010.cod_tipo+' "+ ser0010.classe_serv+'
"+ ser0010.cod_ident"
Column1.Width = 89
Column1.ReadOnly = .f.
Column1.Sparse = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.FontSize = 8
Column2.ControlSource =
"ser0010.denominacao"
Column2.Width = 328
Column2.ReadOnly = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"ser0010.prod_equipe"
Column3.Width = 85
Column3.ReadOnly = .f.
Column3.Sparse = .f.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Alignment = 2
Column4.ControlSource =
"ser0010.und_prod"
Column4.Width = 55
Column4.ReadOnly = .f.
Column4.Visible = .T.
Column4.Name = "Column4"
Column5.ControlSource =
"ser0010.ferramenta"
Column5.Width = 84
Column5.ReadOnly = .f.
Column5.Visible = .T.
Column5.Name = "Column5"
Alignment = 2
Caption = "Código"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 1
ForeColor = 0,0,0
Margin = 0
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
FontSize = 8
BackColor = 255,255,255
BorderStyle = 0
Value = Limpeza de Valas de Concreto
ForeColor = 0,0,0
Margin = 0
ReadOnly = .f.
ColorSource = 3
Name = "Text1"

```

Alignment = 2
 Caption = "Prod Equipe"
 Name = "Header1"
 Alignment = 1
 BackColor = 255,255,255
 BorderStyle = 0
 Value =
 ControlSource = "ser0010.prod_equipe"
 ForeColor = 0,0,0
 InputMask = "999,999.9999"
 Margin = 0
 ReadOnly = .f.
 ColorSource = 3
 Name = "Text1"
 Alignment = 2
 Caption = "Und"
 Name = "Header1"
 Alignment = 2
 BackColor = 255,255,255
 BorderStyle = 0
 Value = m2
 ForeColor = 0,0,0
 Margin = 0
 ReadOnly = .f.
 ColorSource = 3
 Name = "Text1"
 Alignment = 2
 Caption = "Adicional MO"
 Name = "Header1"
 Alignment = 3
 BackColor = 255,255,255
 BorderStyle = 0
 Value = 5.00
 ForeColor = 0,0,0
 Margin = 0
 ReadOnly = .f.
 ColorSource = 3
 Name = "Text1"
 Top = 345
 Left = 149
 Width = 368
 Height = 27
 Name = "Navegal"
 cmdPrev.Name = "cmdPrev"
 cmdNext.Name = "cmdNext"
 cmdTop.Name = "cmdTop"
 cmdEnd.Name = "cmdEnd"
 cmdFind.Name = "cmdFind"
 cmdPrint.Name = "cmdPrint"
 cmdExit.Name = "cmdExit"
 cmdAdd.Name = "cmdAdd"
 cmdDelete.Name = "cmdDelete"
 cmdEdit.Name = "cmdEdit"
 Top = 9
 Left = 629
 Height = 26
 Width = 28
 Picture = ..\IMAGENS\HELP.bmp
 Caption = ""
 DisabledForeColor = 128,128,128
 Name = "auxilio"
 procedure Click
 HELP ID 40180 IN Screen
 ENDPROC

1.59 FORMSCTR\TCTR0250.SCX

Left = 0
 Top = 0
 Width = 792
 Height = 419
 Name = "Dataenvironment"
 Left = 432
 Top = 6
 Width = 90

Height = 90
 Alias = "par0010"
 Database = ..\sicro.dbc
 CursorSource = "par0010"
 Name = "Cursor3"
 Left = 636
 Top = 265
 Width = 90
 Height = 90
 Alias = "par0040"
 Database = ..\sicro.dbc
 CursorSource = "par0040"
 Name = "Cursor1"
 Left = 20
 Top = 10
 Width = 90
 Height = 90
 Alias = "pep0040"
 Order = "local_eq"
 Database = ..\sicro.dbc
 CursorSource = "pep0040"
 Name = "Cursor2"
 Left = 661
 Top = 10
 Width = 90
 Height = 90
 Alias = "ctr0010"
 BufferModeOverride = 1
 Database = ..\sicro.dbc
 CursorSource = "ctr0010"
 Name = "Cursor5"
 Left = 440
 Top = 130
 Width = 90
 Height = 90
 Alias = "ctr0050"
 Database = ..\sicro.dbc
 CursorSource = "ctr0050"
 Name = "Cursor9"
 ParentAlias = "ctr0010"
 RelationalExpr =
 (item_geogr+cod_grupo+cod_compos+cod_tipo+classe_ser+cod_ident+STR(YEAR(pesquisa))+STR(month(pesquisa)))
 ChildAlias = "ctr0050"
 ChildOrder = "iatvserv"
 Name = "Relation1"
 Left = 17
 Top = 132
 Width = 90
 Height = 90
 Alias = "ctr0020"
 Database = ..\sicro.dbc
 CursorSource = "ctr0020"
 Name = "Cursor6"
 ParentAlias = "ctr0010"
 RelationalExpr =
 (item_geogr+cod_grupo+cod_compos+cod_tipo+classe_ser+cod_ident+STR(YEAR(pesquisa))+STR(month(pesquisa)))
 ChildAlias = "ctr0020"
 ChildOrder = "iatvserv"
 Name = "Relation2"
 Left = 163
 Top = 135
 Width = 90
 Height = 90
 Alias = "ctr0030"
 Database = ..\sicro.dbc
 CursorSource = "ctr0030"
 Name = "Cursor7"
 ParentAlias = "ctr0010"
 RelationalExpr =
 (item_geogr+cod_grupo+cod_compos+cod_tipo+classe_ser+cod_ident+STR(YEAR(pesquisa))+STR(month(pesquisa)))

ChildAlias = "ctr0030"
 ChildOrder = "iatvserv"
 Name = "Relation3"
 Left = 314
 Top = 137
 Width = 90
 Height = 90
 Alias = "ctr0040"
 Database = ..\sicro.dbc
 CursorSource = "ctr0040"
 Name = "Cursor8"
 ParentAlias = "ctr0010"
 RelationalExpr =
 (item_geogr+cod_grupo+cod_compos+cod_tipo+classe_ser+cod_ident+STR(YEAR(pesquisa))+STR(month(pesquisa)))
 ChildAlias = "ctr0040"
 ChildOrder = "iatvserv"
 Name = "Relation4"
 Left = 539
 Top = 7
 Width = 90
 Height = 90
 Alias = "par0020"
 Database = ..\sicro.dbc
 CursorSource = "par0020"
 Name = "Cursor4"
 Left = 580
 Top = 130
 Width = 90
 Height = 90
 Alias = "ser0010"
 Order = "iservico"
 Database = ..\sicro.dbc
 CursorSource = "ser0010"
 Name = "Cursor10"
 Left = 18
 Top = 258
 Width = 90
 Height = 86
 Alias = "ser0020"
 Database = ..\sicro.dbc
 CursorSource = "ser0020"
 Name = "Cursor11"
 ParentAlias = "ser0010"
 RelationalExpr =
 (cod_grupo+cod_composicao+cod_tipo+classe_serv+cod_ident)
 ChildAlias = "ser0020"
 ChildOrder = "iatvserv"
 Name = "Relation5"
 Left = 138
 Top = 259
 Width = 90
 Height = 90
 Alias = "ser0030"
 Database = ..\sicro.dbc
 CursorSource = "ser0030"
 Name = "Cursor12"
 ParentAlias = "ser0010"
 RelationalExpr =
 (cod_grupo+cod_composicao+cod_tipo+classe_serv+cod_ident)
 ChildAlias = "ser0030"
 ChildOrder = "iatvserv"
 Name = "Relation6"
 Left = 254
 Top = 261
 Width = 90
 Height = 90
 Alias = "ser0040"
 Database = ..\sicro.dbc
 CursorSource = "ser0040"
 Name = "Cursor13"
 ParentAlias = "ser0010"

```

RelationalExpr =
(cod_grupo+cod_composicao+cod_tipo+clas
se_serv+cod_ident)
ChildAlias = "ser0040"
ChildOrder = "iatvser"
Name = "Relation7"
Left = 150
Top = 8
Width = 90
Height = 90
Alias = "pep0080"
Database = ..\sicro.dbc
CursorSource = "pep0080"
Name = "Cursor14"
Left = 266
Top = 9
Width = 90
Height = 90
Alias = "pep0070"
Database = ..\sicro.dbc
CursorSource = "pep0070"
Name = "Cursor15"
Left = 388
Top = 269
Width = 90
Height = 90
Alias = "ser0050"
Database = ..\sicro.dbc
CursorSource = "ser0050"
Name = "Cursor16"
ParentAlias = "ser0010"
RelationalExpr =
(cod_grupo+cod_composicao+cod_tipo+clas
se_serv+cod_ident)
ChildAlias = "ser0050"
ChildOrder = "iatvser"
Name = "Relation8"
Height = 248
Width = 491
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0250"
HelpContextID = 40200
icon = ..\IMAGENS\dner02.ico
Name = "tctr0250"
procedure Init
    PUBLIC par_uf, datapro
ENDPROC
procedure Refresh

Thisform.Combo_uf.Enabled=!Thisform.Co
mbo_uf.Enabled
    Thisform.Combo_uf.Refresh

ENDPROC
AutoSize = .T.
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Custos Rodoviários:"
Height = 35
Left = 14
Top = 40
Width = 271
Name = "Label1"
Top = 11
Left = 428
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"

```

```

procedure Click
    HELP ID 40200 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 14
Top = 16
Width = 301
Name = "Label2"
BorderColor = 255,255,255
Height = 1
Left = 20
Top = 108
Width = 452
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 20
Top = 109
Width = 452
Name = "Shape2"
AutoSize = .T.
FontOutline = .f.
FontSize = 10
FontUnderline = .T.
BackStyle = 0
Caption = "Seleção de UF:"
Height = 18
Left = 16
Top = 120
Width = 97
Name = "Label3"
Caption = "Equipamentos - "
Height = 1
Left = 74
Top = 187
Width = 13
Name = "Label5"
BorderColor = 255,255,255
Height = 1
Left = 20
Top = 187
Width = 452
Name = "Shape3"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 20
Top = 188
Width = 452
Name = "Shape4"
AutoSize = .T.
FontName = "Arial"
FontSize = 14
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Cálculo do Custo dos Serviços e
Atividades"
Height = 25
Left = 13
Top = 76
Width = 404
Name = "Label6"
AutoSize = .T.
FontOutline = .f.
FontSize = 10
FontUnderline = .T.
BackStyle = 0
Caption = "Data de Referência:"
Height = 18
Left = 322

```

```

Top = 120
Width = 126
Name = "Label7"
ColumnCount = 3
ColumnWidths = "27,175,40"
RowSourceType = 3
RowSource = "select
Uf,Denominacao,Regiao from par0010 into
cursor uf order by 1 "
DisplayValue = 1
Value = RJ
ControlSource = ""
Enabled = .T.
Height = 24
Left = 45
TabIndex = 3
Top = 150
Width = 245
Name = "Combo_uf"
Top = 204
Left = 369
Height = 29
Width = 97
Caption = "Fechar"
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "Cancela"
procedure Click
    sele datapesq
    use
    sele uf
    use

    SELECT "0" FROM par0010 ;
        INTO CURSOR testa
    sele testa
    use

    close tables

    Thisform.release
ENDPROC
Top = 204
Left = 35
Height = 29
Width = 97
Caption = "Calcula"
Name = "Calcula"
procedure Click
    private codigo, codigo2, situacao, valor,
valor1, valor2, valor_eq, vBDI, pBDI, ;
    valor_hor, valor_unit, valor_dir,
valor_bdi, valor_pu, ac_mat, valor_pes, ;
    valor_comp

    set date to DMY
    pBDI = 99
    chaveatu = .f.
    datapro =
tod(Thisform.combo_data.Value)
    par_uf = Thisform.Combo_uf.Value

    SELECT ;
        CTR0010.item_geogr AS xuf ;
    FROM CTR0010 ;
    INTO CURSOR testa ;
    WHERE CTR0010.item_geogr = par_uf
;
    and CTR0010.pesquisa = datapro ;

    situacao = reccount()

    IF situacao > 0
        situacao = 1
        LOCATE FOR xuf = par_uf
        IF FOUND() = .T.

```

```

IF perg('Já existem valores para
UF/Data - Recalcular ?') = .f.
    situacao = 2
ENDIF
ENDIF
ENDIF

* SITUACAO:
* 0 - Não existem registros para
UF/DATA --> gerar serv/ativ para UF/Data
* e calcular os valores em função dos
preços unitarios do PEP. Verificar
* ainda, se existem registros de preços
no PEP.
* 1 - Os registros de custos rodoviarios
ja foram gerados para UF/data e foi
* solicitado o recalculo dos valores:
eliminar os registros e proceder como "0"
* 2 - Ja existem registros de custos
rodoviarios e o usuario pretende apenas
* ter acesso ao form TCTR0260

IF situacao = 1

DELETE FROM CTR0010 ;
WHERE CTR0010.item_geogr =
par_uf ;
and CTR0010.pesquisa = dataproc
sele CTR0010
use CTR0010 exclusive
pack
reindex

DELETE FROM CTR0020 ;
WHERE CTR0020.item_geogr =
par_uf ;
and CTR0020.pesquisa = dataproc
sele CTR0020
use CTR0020 exclusive
pack
reindex

DELETE FROM CTR0030 ;
WHERE CTR0030.item_geogr =
par_uf ;
and CTR0030.pesquisa = dataproc
sele CTR0030
use CTR0030 exclusive
pack
reindex

DELETE FROM CTR0040 ;
WHERE CTR0040.item_geogr =
par_uf ;
and CTR0040.pesquisa = dataproc
sele CTR0040
use CTR0040 exclusive
pack
reindex

DELETE FROM CTR0050 ;
WHERE CTR0050.item_geogr =
par_uf ;
and CTR0050.pesquisa = dataproc
sele CTR0050
use CTR0050 exclusive
pack
reindex

ENDIF

IF situacao = 0

* verificar se existem preços (pep) para a
UF/Data solicitada

* caso negativo não tem o que fazer.

sele pep0040
SEEK par_uf+DTOC(dataproc,1) ;
Order IPESQ ;
IN pep0040

IF FOUND()
    situacao = 1
ENDIF

ENDIF

*-----

IF situacao = 1
    situacao = 2 && EXIBE O FORM
tctr0260, DEPOIS DE CALCULAR

sele ser0010
set Order to iservico
GO Top
codigo =
ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ ;
ser0010.classe_serv+ser0010.cod_ident

set deleted on
do while NOT EOF()
*-----*

*** Cálculo do custo dos equipamentos
no servico:

sele Ser0020
set Order to ichave
set FILTER to
Ser0020.cod_grupo+Ser0020.cod_composica
o+Ser0020.cod_tipo+ ;
Ser0020.classe_serv+Ser0020.cod_ident =
codigo
GO Top
valor_eq = 0

do while NOT EOF()

valor = 0
valor1 = 0
valor2 = 0
codigo2 =
par_uf+Ser0020.equipamento+STR(YEAR(d
ataproc),4)+STR(month(dataproc),2)
sele pep0040
SEEK codigo2 Order cod
IF FOUND()
    valor1 = pep0040.hora_oper
    valor2 = pep0040.hora_parado
    valor = ROUND(Ser0020.quantidade
* (Ser0020.utilizacao*pep0040.hora_oper
+((1 - Ser0020.utilizacao)*
pep0040.hora_parado)),2)
ELSE
    valor = 0
ENDIF
valor_eq = valor_eq + valor

INSERT INTO CTR0020 ;
(item_geogr, pesquisa, cod_grupo,
cod_composicao, cod_tipo, classe_serv, ;
cod_ident, equipamento,
CUSTO_EQUIP) ;
VALUES ;
(par_uf, ;
dataproc, ;
ser0010.cod_grupo, ;
ser0010.cod_composicao, ;
ser0010.cod_tipo, ;
ser0010.classe_serv, ;
ser0010.cod_ident, ;
Ser0030.mao_de_obra, ;
valor)

sele Ser0030
SKIP
enddo

*** Cálculo do custo do pessoal no
servico:

sele Ser0030
set Order to ichave
set FILTER to
Ser0030.cod_grupo+Ser0030.cod_composica
o+Ser0030.cod_tipo+ ;
Ser0030.classe_serv+Ser0030.cod_ident
= codigo
GO Top
valor_pes = 0

do while NOT EOF()

valor = 0
codigo2 =
par_uf+Ser0030.mao_de_obra+STR(YEAR(
dataproc),4)+STR(month(dataproc),2)
sele pep0080
SEEK codigo2 Order ichave
IF FOUND()
    valor = Ser0030.quantidade *
pep0080.hora_mo
ELSE
    valor = 0
ENDIF
valor_pes = valor_pes + valor

INSERT INTO CTR0030 ;
(item_geogr, pesquisa, cod_grupo,
cod_composicao, cod_tipo, classe_serv, ;
cod_ident, mao_de_obra,
CUSTO_MAO) ;
VALUES ;
(par_uf, ;
dataproc, ;
ser0010.cod_grupo, ;
ser0010.cod_composicao, ;
ser0010.cod_tipo, ;
ser0010.classe_serv, ;
ser0010.cod_ident, ;
Ser0030.mao_de_obra, ;
valor)

sele Ser0030
SKIP
enddo

*** Cálculo do custo dos materiais no
servico:

sele Ser0040
set Order to ichave
set FILTER to
Ser0040.cod_grupo+Ser0040.cod_composica
o+Ser0040.cod_tipo+ ;
Ser0040.classe_serv+Ser0040.cod_ident =
codigo
GO Top
ac_mat = 0

```

```

do while NOT EOF()
    valor = 0
    codigo2 =
    par_uf+Ser0040.material+STR(YEAR(datapr
oc),4)+STR(month(dataproc),2)
    sele pep0070
    SEEK codigo2 Order ichave IN pep0070
    IF FOUND()
        valor = Ser0040.quantidade *
        pep0070.valor_mat
    ELSE
        valor = 0
    ENDIF
    ac_mat = ac_mat + valor

INSERT INTO CTR0040 ;
    (item_geogr, pesquisa, cod_grupo,
cod_composicao, cod_tipo, classe_serv, ;
    cod_ident, material, CUSTO_MATERIAL)
;
VALUES ;
(par_uf, ;
dataproc, ;
ser0010.cod_grupo, ;
ser0010.cod_composicao, ;
ser0010.cod_tipo, ;
ser0010.classe_serv, ;
ser0010.cod_ident, ;
Ser0040.material, ;
valor)

sele Ser0040
SKIP
enddo

*** Cálculo do custo de composição de
outros serviços/atividades no serviço:

sele Ser0050
set Order to ichave
set FILTER to
Ser0050.cod_grupo+Ser0050.cod_composica
o+Ser0050.cod_tipo+ ;
Ser0050.classe_serv+Ser0050.cod_ident =
codigo
GO Top
valor_comp = 0

do while NOT EOF()

valor = 0
codigo2 = par_uf + Ser0050.cod_grupo_c +
Ser0050.cod_composicao_c + ;
Ser0050.cod_tipo_c +
Ser0050.classe_serv_c +
Ser0050.cod_ident_c + ;
STR(YEAR(dataproc)) +
STR(month(dataproc))
sele CTR0010
SEEK codigo2 Order ichave IN CTR0010
IF FOUND()
    valor = Ser0050.quantidade *
    CTR0010.preco_unit
ELSE
    valor = 0
ENDIF

valor_comp = valor_comp + valor

INSERT INTO CTR0050 ;
    (item_geogr, pesquisa, cod_grupo,
cod_composicao, cod_tipo, classe_serv, ;
    cod_ident, CUSTO_EQUI, CUSTO_MAO,
CUSTO_FERR, CUSTO_HORA,
CUSTO_UNIT, ;
CUSTO_MATE, CUSTO_COMP,
CUSTO_DIRE, BONIFICACA, preco_unit) ;
VALUES ;
(par_uf, ;
dataproc, ;
ser0010.cod_grupo, ;
ser0010.cod_composicao, ;
ser0010.cod_tipo, ;
ser0010.classe_serv, ;
ser0010.cod_ident, ;
valor_eq, ;
valor_pes, ;
valor_pes*(ser0010.ferramenta/100), ;
valor_hor, ;
valor_unit, ;
ac_mat, ;
valor_comp, ;
valor_dir, ;
valor_bdi, ;
valor_pu)

chaveatu = .T.

sele ser0010
SKIP

cod_grupo_c,
cod_composicao_c, cod_tipo_c,
classe_serv_c, ;
cod_ident_c, CUSTO_ATIVIDADE) ;
VALUES ;
(par_uf, ;
dataproc, ;
ser0010.cod_grupo, ;
ser0010.cod_composicao, ;
ser0010.cod_tipo, ;
ser0010.classe_serv, ;
Ser0050.cod_ident, ;
Ser0050.cod_grupo_c, ;
Ser0050.cod_composicao_c, ;
Ser0050.cod_tipo_c, ;
Ser0050.classe_serv_c, ;
Ser0050.cod_ident_c, ;
valor)

sele Ser0050
SKIP
enddo

*** Cálculo do cabeçalho do serviço:

valor_hor = valor_eq +
(1+(ser0010.ferramenta/100))*valor_pes
valor_unit = $0
IF ser0010.prod_equipe > 0.00
    valor_unit = valor_hor /
    ser0010.prod_equipe
ENDIF
valor_dir = valor_unit + ac_mat +
valor_comp
IF pBDI != VAL(ser0010.cod_grupo)
    sele par0020
    LOCATE FOR sequencia =
VAL(ser0010.cod_grupo)
    vBDI = par0020.BDI/100
    pBDI = VAL(ser0010.cod_grupo)
ENDIF
valor_bdi = valor_dir*vBDI
valor_pu = valor_dir + valor_bdi

INSERT INTO CTR0010 ;
    (item_geogr, pesquisa, cod_grupo,
cod_compos, cod_tipo, classe_ser, ;
    cod_ident, CUSTO_EQUI, CUSTO_MAO,
CUSTO_FERR, CUSTO_HORA,
CUSTO_UNIT, ;
CUSTO_MATE, CUSTO_COMP,
CUSTO_DIRE, BONIFICACA, preco_unit) ;
VALUES ;
(par_uf, ;
dataproc, ;
ser0010.cod_grupo, ;
ser0010.cod_composicao, ;
ser0010.cod_tipo, ;
ser0010.classe_serv, ;
ser0010.cod_ident, ;
valor_eq, ;
valor_pes, ;
valor_pes*(ser0010.ferramenta/100), ;
valor_hor, ;
valor_unit, ;
ac_mat, ;
valor_comp, ;
valor_dir, ;
valor_bdi, ;
valor_pu)

chaveatu = .T.

sele ser0010
SKIP

codigo = ser0010.cod_grupo +
ser0010.cod_composicao + ser0010.cod_tipo
+ ;
ser0010.classe_serv+ser0010.cod_ident

*wait 'SER0010 = ' + codigo

enddo

* IF chaveatu = .T.
* sele CTR0010
* =TABLEUPDATE(.T.)
* endif

ENDIF

IF situacao = 2
do form tctr0260 with par_uf, dataproc
ELSE
=msg("5")
ENDIF

ENDPROC
Alignment = 0
RowSourceType = 3
RowSource = "select distinct pesquisa from
PEP0040 order by pep0040.pesquisa DESC
into cursor dataproc"
DisplayValue = 1
Value = (dataproc)
ControlSource = " "
Height = 24
Left = 362
Sorted = .f.
Top = 150
Visible = .T.
Width = 85
Name = "Combo_Data"
procedure Click
    dataproc =
ctod(Thisform.combo_data.Value)

ENDPROC
procedure Init
    dataproc =
ctod(Thisform.combo_data.Value)

ENDPROC
procedure Valid
    dataproc =
ctod(Thisform.combo_data.Value)

ENDPROC
Top = 204
Left = 187
Height = 29
Width = 127
Caption = "Relação de Custos"
Name = "Relacao"
procedure Click
    dataproc =
ctod(Thisform.combo_data.Value)
    par_uf = Thisform.Combo_uf.Value

SELECT ;
    CTR0010.item_geogr AS xuf ;
FROM CTR0010 ;
INTO CURSOR testa ;
WHERE CTR0010.item_geogr = par_uf
;
and CTR0010.pesquisa = dataproc ;

IF recount() > 0
do form tctr0260 with par_uf, dataproc
ELSE

```

```

=msg("5")
ENDIF
ENDPROC

*****

1.60 FORMSCTR\TCTR0260.SCX

Left = 0
Top = 0
Width = 792
Height = 451
Name = "Dataenvironment"
Alias = "par0010"
BufferModeOverride = 5
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
FILTER = (par0010.uf = par_uf)
Name = "Cursor1"
Left = 160
Top = 10
Width = 180
Height = 160
Alias = "ctr0010"
BufferModeOverride = 5
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "ctr0010"
FILTER = (CTR0010.pesquisa = dataproc
and CTR0010.item_geogr = par_uf)
Name = "Cursor2"
ParentAlias = "par0010"
RelationalExpr = "uf"
ChildAlias = "ctr0010"
ChildOrder = "igeog"
Name = "RELATION1"
Left = 20
Top = 130
Width = 90
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor3"
Left = 440
Top = 10
Width = 90
Height = 90
Alias = "par0020"
Database = ..\sicro.dbc
CursorSource = "par0020"
Name = "Cursor4"
ScaleMode = 3
Height = 447
Width = 662
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0260"
Visible = .f.
HelpContextID = 40210
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TCTR0260"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"

```

```

Label1.Caption = "Demonstrativo de Cálculo
de Custo Rodoviário"
Label1.Width = 556
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 10
Shape1.Top = 42
Shape1.Width = 642
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 10
Shape2.Top = 43
Shape2.Width = 642
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 10
Shape3.Top = 401
Shape3.Width = 642
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 10
Shape4.Top = 402
Shape4.Width = 642
Shape4.Name = "Shape4"
procedure bot_refresca
with Thisform
.Refresh
Endwith

ENDPROC
procedure Init
parameters par_uf, dataproc

*display memory

*sele ctr0010
*set filter to pesquisa = dataproc and
item_geogr = par_uf
*go top

*sele par0010
*set order to iuf
*seek par_uf

* com opcao 1 - calcula : se ja existirem
registros UF/data enviar mensagem e somente
apresentar as informacoes.
* com opcao 2 - reprocessa (deleta os
registros UF/data existentes
* com opcao 3 - exhibe os dados sem
processar.
ENDPROC
AutoSize = .T.
FontBold = .T.
Caption = "UF:"
Left = 23
Top = 58
Visible = .T.
Width = 16
Name = "LBLUF1"
FontBold = .T.
FontSize = 10
Value = RS
ControlSource = "par0010.uf"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 54
Top = 54
Visible = .T.
Width = 35
Name = "UF1"
FontBold = .T.
FontSize = 10

```

```

Value = Rio Grande do Sul
ControlSource = "par0010.denominacao"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 97
Top = 54
Visible = .T.
Width = 284
Name = "DENOMINACAO1"
ColumnCount = 11
DeleteMark = .f.
Height = 305
Left = 9
ReadOnly = .T.
RecordSource = "ctr0010"
RecordSourceType = 1
tag = ""
Top = 84
Visible = .T.
Width = 645
Comment = ""
Name = "Grid12"
Column1.Alignment = 2
Column1.ControlSource =
'ctr0010.cod_grupo+ " " +
ctr0010.cod_compos+ " " +
ctr0010.cod_tipo+ " " + ctr0010.classe_ser+
" " + ctr0010.cod_ident'
Column1.Width = 130
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource =
"ctr0010.custo_equi"
Column2.Width = 96
Column2.ReadOnly = .T.
Column2.Sparse = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"ctr0010.custo_mao"
Column3.Width = 96
Column3.ReadOnly = .T.
Column3.Sparse = .f.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ControlSource =
"ctr0010.custo_fer"
Column4.Width = 96
Column4.ReadOnly = .T.
Column4.Sparse = .f.
Column4.Visible = .T.
Column4.Name = "Column4"
Column5.Bound = .f.
Column5.ControlSource =
"ctr0010.custo_hora"
Column5.Width = 96
Column5.ReadOnly = .T.
Column5.Sparse = .f.
Column5.Visible = .T.
Column5.Name = "Column5"
Column6.Bound = .f.
Column6.ControlSource =
"ctr0010.custo_unit"
Column6.Width = 96
Column6.ReadOnly = .T.
Column6.Sparse = .f.
Column6.Visible = .T.
Column6.Name = "Column6"
Column7.Bound = .f.

```

```

Column7.ControlSource =
"ctr0010.custo_mate"
Column7.Width = 96
Column7.ReadOnly = .T.
Column7.Sparse = .f.
Column7.Visible = .T.
Column7.Name = "Column7"
Column8.Bound = .f.
Column8.ControlSource =
"ctr0010.custo_comp"
Column8.Width = 115
Column8.ReadOnly = .T.
Column8.Sparse = .f.
Column8.Visible = .T.
Column8.Name = "Column8"
Column9.Bound = .f.
Column9.ControlSource =
"ctr0010.custo_dire"
Column9.Width = 96
Column9.ReadOnly = .T.
Column9.Sparse = .f.
Column9.Visible = .T.
Column9.Name = "Column9"
Column10.ControlSource =
"ctr0010.bonificaca"
Column10.Width = 96
Column10.ReadOnly = .T.
Column10.Sparse = .f.
Column10.Visible = .T.
Column10.Name = "Column10"
Column11.Bound = .f.
Column11.ControlSource =
"ctr0010.preco_unit"
Column11.Width = 96
Column11.ReadOnly = .T.
Column11.Sparse = .f.
Column11.Visible = .T.
Column11.Name = "Column11"
Alignment = 2
Caption = "Atividade / Serviço"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Equipamentos"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "ctr0010.custo_equi"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Mão-de-Obra"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "ctr0010.custo_mao"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.

ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Adicional MO"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "ctr0010.custo_ferr"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Custo Horário"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "ctr0010.custo_hora"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Custo Unitário"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "ctr0010.custo_unit"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Materiais"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "ctr0010.custo_mate"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Outras Atividades"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "ctr0010.custo_comp"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Custo Direto"
Name = "Header1"
Alignment = 1

BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "ctr0010.custo_dire"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "L D I"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Preço Unitário"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "ctr0010.preco_unit"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ColorSource = 3
Name = "Text1"
Top = 8
Left = 600
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40210 IN Screen
ENDPROC
AutoSize = .T.
FontSize = 8
BackStyle = 0
Caption = "Período de Referência:"
Height = 16
Left = 417
Top = 59
Width = 125
Name = "Label2"
FontSize = 10
Alignment = 2
ControlSource = ""
Height = 27
Left = 550
Top = 51
Width = 85
Name = "Text2"
procedure Init
    Thisform.Text2.Value = dataproc
ENDPROC
Top = 413
Left = 169
Width = 368
Height = 27
Name = "Navegal"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"

```



```
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
```

```
*****
```

1.61 FORMSCTR\TCTR0310.SCX

```
Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 89
Height = 85
Alias = "ctrv0010"
Database = ..\sicro.dbc
CursorSource = "ctrv0010"
Name = "Cursor1"
Left = 14
Top = 131
Width = 95
Height = 90
Alias = "ser0010"
Database = ..\sicro.dbc
CursorSource = "ser0010"
Name = "Cursor2"
Left = 128
Top = 11
Width = 90
Height = 90
Alias = "ctrv0020"
Database = ..\sicro.dbc
CursorSource = "ctrv0020"
Name = "Cursor3"
Left = 237
Top = 15
Width = 90
Height = 90
Alias = "ctrv0030"
Database = ..\sicro.dbc
CursorSource = "ctrv0030"
Name = "Cursor4"
Left = 342
Top = 18
Width = 90
Height = 90
Alias = "ctrv0040"
Database = ..\sicro.dbc
CursorSource = "ctrv0040"
Name = "Cursor5"
Left = 455
Top = 21
Width = 90
Height = 90
Alias = "ctrv0050"
Database = ..\sicro.dbc
CursorSource = "ctrv0050"
Name = "Cursor6"
Left = 122
Top = 130
Width = 90
Height = 90
Alias = "ser0050"
Database = ..\sicro.dbc
CursorSource = "ser0050"
Name = "Cursor7"
Left = 221
Top = 134
Width = 90
Height = 90
Alias = "ser0060"
```

```
Database = ..\sicro.dbc
CursorSource = "ser0060"
Name = "Cursor8"
Left = 561
Top = 23
Width = 90
Height = 90
Alias = "obra"
CursorSource = ..\TABELAS\obra.dbf
Name = "Cursor9"
Left = 565
Top = 259
Width = 90
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor10"
Left = 453
Top = 137
Width = 90
Height = 90
Alias = "ctr0010"
Database = ..\sicro.dbc
CursorSource = "ctr0010"
Name = "Cursor11"
Left = 132
Top = 249
Width = 90
Height = 90
Alias = "eqp0040"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor12"
Left = 674
Top = 24
Width = 90
Height = 90
Alias = "wctr0330"
CursorSource = ..\wctr0330.dbf
Name = "Cursor13"
Left = 247
Top = 254
Width = 90
Height = 90
Alias = "mao0010"
Database = ..\sicro.dbc
CursorSource = "mao0010"
Name = "Cursor14"
Left = 19
Top = 258
Width = 90
Height = 90
Alias = "mat0020"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "Cursor15"
Left = 557
Top = 139
Width = 90
Height = 90
Alias = "ctr0020"
Database = ..\sicro.dbc
CursorSource = "ctr0020"
Name = "Cursor16"
Left = 666
Top = 142
Width = 90
Height = 90
Alias = "ctr0030"
Database = ..\sicro.dbc
CursorSource = "ctr0030"
Name = "Cursor17"
Left = 370
Top = 256
Width = 90
```

```
Height = 90
Alias = "ctr0040"
Database = ..\sicro.dbc
CursorSource = "ctr0040"
Name = "Cursor18"
Left = 470
Top = 257
Width = 90
Height = 90
Alias = "ctr0050"
Database = ..\sicro.dbc
CursorSource = "ctr0050"
Name = "Cursor19"
Left = 342
Top = 135
Width = 90
Height = 90
Alias = "ser0070"
Database = ..\sicro.dbc
CursorSource = "ser0070"
Name = "Cursor20"
Left = 130
Top = 370
Width = 90
Height = 90
Alias = "eqp0010"
Database = ..\sicro.dbc
CursorSource = "eqp0010"
Name = "Cursor22"
Height = 389
Width = 552
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0310"
MousePointer = 0
HelpContextID = 40230
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TCTR0310"
procedure Init
    PUBLIC datapro, uf, obra, parm1, cod,
    puf, pObra, pCodigo

    PUBLIC ARRAY nomet(1,2), taxa(1,1)

ENDPROC
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Sistema de Custos Rodoviários"
Height = 37
Left = 8
Top = 36
Width = 415
TabIndex = 0
Name = "Label1"
Top = 168
Left = 446
Height = 29
Width = 75
Caption = "Analítico"
TabIndex = 6
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "Cmd_Analitico"
procedure Click
    set date to DMY

    datapro = Thisform.combo_data.Value
    uf = Thisform.Combo_uf.Value
    obra = Thisform.combo_Obra.Value
    cod = Thisform.Combo_Servico.Value
```



```

RTRIM(ctrv0020.tipo_eqp) + " (" +
alltrim(STR(Eqp0040.potencia)+ "Kw") AS
denominaca, ;
ctrv0020.pesquisa, ;
ctrv0020.quantidade AS
quantidade, " " AS und_prod, ;
ctrv0020.utilizacao AS fator, ;
ctrv0020.hora_opera AS custo1,
ctrv0020.hora_parado, $0.00 ;
FROM sicro!ctrv0020, TABUF,
TABOBRA, Eqp0040 ;
WHERE ;
ctrv0020.item_geogr = TABUF.ig
and ;
ctrv0020.pesquisa = ctod(dataproc)
and ;
ctrv0020.equipamento =
Eqp0040.equipamento and ;
ctrv0020.cod_grupo IN (SELECT
tipo_obra FROM TABOBRA) ;
Order BY 1, 2, 3, 4 ;
INTO table WCTR0310 ;
UNION SELECT ;
CTR0010.cod_grupo AS grupo,
CTR0010.item_geogr AS ig, ;
CTR0010.cod_grupo + " "+
CTR0010.cod_compos + " "+
CTR0010.cod_tipo + " "+ ;
CTR0010.classe_serv + " "+
CTR0010.cod_ident AS codigo, "1" AS reg, ;
" " AS cod_det, ;
RTRIM(ser0010.denominacao)+"
AS denominaca, ;
CTR0010.pesquisa, ;
ser0010.prod_equipe AS
quantidade, ser0010.und_prod AS und_prod,
;
ser0010.ferramenta*1.00 AS fator, ;
CTR0010.CUSTO_DIRE AS
custo1, $0.00 AS custo2, $0.00 AS custo3 ;
FROM CTR0010, ser0010,
TABUF, TABOBRA ;
WHERE ;
CTR0010.item_geogr = TABUF.ig
and ;
CTR0010.pesquisa =
ctod(dataproc) and ;
(CTR0010.cod_grupo+CTR0010.cod_compo
s+CTR0010.cod_tipo+ ;
CTR0010.classe_serv+CTR0010.cod_ident = ;
ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ ;
ser0010.classe_serv+ser0010.cod_ident) and
;
CTR0010.cod_grupo IN (SELECT
tipo_obra FROM TABOBRA) ;
UNION SELECT ;
CTR0030.cod_grupo AS grupo,
CTR0030.item_geogr AS ig, ;
CTR0030.cod_grupo + " "+
CTR0030.cod_composicao + " "+
CTR0030.cod_tipo + " "+ ;
CTR0030.classe_serv + " "+
CTR0030.cod_ident AS codigo, "3" AS
reg, ;
SUBSTR(CTR0030.mao_de_obra,1,1) + "."
+ SUBSTR(CTR0030.mao_de_obra,2,2) +
"." + ;
SUBSTR(CTR0030.mao_de_obra,4,1) AS
cod_det, ;
mao0010.descricao+" AS
denominaca, CTRV0030.pesquisa, ;
CTR0030.quantidade AS
quantidade, " " AS und_prod, ;
0.0000, CTRV0030.hora_mo,
$0.00, $0.00 ;
FROM sicro!CTRV0030, TABUF,
TABOBRA, mao0010 ;
WHERE ;
CTR0030.item_geogr =
TABUF.ig and ;
CTR0030.pesquisa =
ctod(dataproc) and ;
CTR0030.mao_de_obra =
mao0010.mao_d_obra and ;
CTR0030.cod_grupo IN
(SELECT tipo_obra FROM TABOBRA) ;
UNION SELECT ;
CTR0010.cod_grupo AS grupo,
CTR0010.item_geogr AS ig, ;
CTR0010.cod_grupo + " "+
CTR0010.cod_compos + " "+
CTR0010.cod_tipo + " "+ ;
CTR0010.classe_ser + " "+
CTR0010.cod_ident AS codigo, "4" AS reg, ;
" " AS cod_det, ;
(") AS denominaca,
CTR0010.pesquisa, ;
0.0000 AS quantidade, " " AS
und_prod, ;
ser0010.ferramenta*1.00 AS fator, ;
CTR0010.CUSTO_FERR,
CTR0010.CUSTO_HORA,
CTR0010.CUSTO_UNIT ;
FROM CTR0010, ser0010,
TABUF, TABOBRA ;
WHERE ;
CTR0010.item_geogr = TABUF.ig
and ;
(CTR0010.pesquisa =
ctod(dataproc) and ;
(CTR0010.cod_grupo+CTR0010.cod_compo
s+CTR0010.cod_tipo+ ;
CTR0010.classe_ser+CTR0010.cod_ident = ;
ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ ;
ser0010.classe_serv+ser0010.cod_ident) and
;
CTR0010.cod_grupo IN (SELECT
tipo_obra FROM TABOBRA) ;
UNION SELECT ;
CTR0040.cod_grupo AS grupo,
CTR0040.item_geogr AS ig, ;
CTR0040.cod_grupo + " "+
CTR0040.cod_composicao + " "+
CTR0040.cod_tipo + " "+ ;
CTR0040.classe_serv + " "+
CTR0040.cod_ident AS codigo, "5" AS
reg, ;
SUBSTR(CTR0040.material,1,1)
+ "." + SUBSTR(CTR0040.material,2,2) +
"." + ;
SUBSTR(CTR0040.material,4,1)
AS cod_det, ;
MAT0020.Nome_mat+" AS
denominaca, CTRV0040.pesquisa, ;
CTR0040.quantidade AS
quantidade, MAT0020.undw AS und_prod, ;
0.0000 AS fator,
CTR0040.valor_mat, $0.00, $0.00 ;
FROM sicro!CTRV0040, TABUF,
TABOBRA, MAT0020 ;
WHERE ;
CTR0040.item_geogr =
TABUF.ig and ;
CTR0040.pesquisa =
ctod(dataproc) and ;
CTR0040.mao_de_obra =
mao0010.mao_d_obra and ;
CTR0040.cod_grupo IN
(SELECT tipo_obra FROM TABOBRA) ;
UNION SELECT ;
CTR0050.cod_grupo AS grupo,
CTR0050.item_geogr AS ig, ;
CTR0050.cod_grupo + " "+
CTR0050.cod_composicao + " "+
CTR0050.cod_tipo + " "+ ;
CTR0050.classe_serv + " "+
CTR0050.cod_ident AS codigo, "6" AS reg, ;
" " AS cod_det, ;
(") AS denominaca,
CTR0050.pesquisa, ;
0.0000,
CTR0050.CUSTO_ATIVIDADE, $0.00,
$0.00 ;
FROM CTR0050, Ser0050,
TABUF, TABOBRA, ser0010 ;
WHERE ;
CTR0050.item_geogr = TABUF.ig
and ;
CTR0050.pesquisa =
ctod(dataproc) and ;
CTR0050.cod_grupo +
CTR0050.cod_composicao +
CTR0050.cod_tipo + ;
CTR0050.classe_serv +
CTR0050.cod_ident +
CTR0050.cod_grupo_c + ;
CTR0050.cod_composicao_c +
CTR0050.cod_tipo_c +
CTR0050.classe_serv_c + ;
CTR0050.cod_ident_c = ;
Ser0050.cod_grupo +
Ser0050.cod_composicao +
Ser0050.cod_tipo + ;
Ser0050.classe_serv +
Ser0050.cod_ident + ;
Ser0050.cod_grupo_c +
Ser0050.cod_composicao_c +
Ser0050.cod_tipo_c + ;
Ser0050.classe_serv_c +
Ser0050.cod_ident_c and ;
CTR0050.cod_grupo_c +
CTR0050.cod_composicao_c +
CTR0050.cod_tipo_c + ;
CTR0050.classe_serv_c +
CTR0050.cod_ident_c = ;
ser0010.cod_grupo +
ser0010.cod_composicao + ser0010.cod_tipo
+ ;
ser0010.classe_serv +
ser0010.cod_ident and ;
CTR0050.cod_grupo IN (SELECT
tipo_obra FROM TABOBRA) ;
UNION SELECT ;
CTR0010.cod_grupo AS grupo,
CTR0010.item_geogr AS ig, ;
CTR0010.cod_grupo + " "+
CTR0010.cod_compos + " "+
CTR0010.cod_tipo + " "+ ;

```

```

CTR0010.classe_ser + " "+
CTR0010.cod_ident AS codigo, "7" AS reg, ;
SUBSTR(Ser0060.material,1,1) +
"." + SUBSTR(Ser0060.material,2,2) + " " + ;
SUBSTR(Ser0060.material,4,1) AS
cod_det, ;
MAT0020.Nome_mat+"" AS
denominaca, CTR0010.pesquisa, ;
Ser0060.quantidade AS quantidade,
MAT0020.undw AS und_prod, ;
0.0000, $0.00, $0.00, $0.00 ;
FROM CTR0010, Ser0060,
TABUF, TABOBRA, MAT0020 ;
WHERE ;
CTR0010.item_geogr = TABUF.ig
and ;
CTR0010.pesquisa =
ctod(dataproc) and ;
CTR0010.cod_grupo+CTR0010.cod_compos
+CTR0010.cod_tipo+ ;
CTR0010.classe_ser+CTR0010.cod_ident = ;
Ser0060.cod_grupo+Ser0060.cod_composica
o+Ser0060.cod_tipo + ;
Ser0060.classe_serv+Ser0060.cod_ident and
;
Ser0060.material =
MAT0020.material and ;
CTR0010.cod_grupo IN (SELECT
tipo_obra FROM TABOBRA) ;
UNION SELECT ;
CTR0010.cod_grupo AS grupo,
CTR0010.item_geogr AS ig, ;
CTR0010.cod_grupo + " "+
CTR0010.cod_compos + " "+
CTR0010.cod_tipo + " "+ ;
CTR0010.classe_ser + " "+
CTR0010.cod_ident AS codigo, "8" AS reg, ;
Ser0070.cod_grupo_c + " " +
Ser0070.cod_composicao_c + " " + ;
Ser0070.cod_tipo_c + " " +
Ser0070.classe_serv_c + " " + ;
Ser0070.cod_ident_c AS cod_det, ;
ser0010.denominacao+"" AS
denominaca, CTR0010.pesquisa, ;
Ser0070.quantidade AS quantidade,
ser0010.und_prod AS und_prod, ;
0.0000, $0.00, $0.00, $0.00 ;
FROM CTR0010, Ser0070,
TABUF, TABOBRA, ser0010 ;
WHERE ;
CTR0010.item_geogr = TABUF.ig
and ;
CTR0010.pesquisa =
ctod(dataproc) and ;
CTR0010.cod_grupo +
CTR0010.cod_compos + CTR0010.cod_tipo
+ ;
CTR0010.classe_ser +
CTR0010.cod_ident = ;
Ser0070.cod_grupo +
Ser0070.cod_composicao +
Ser0070.cod_tipo + ;
Ser0070.classe_serv +
Ser0070.cod_ident and ;
Ser0070.cod_grupo_c +
Ser0070.cod_composicao_c +
Ser0070.cod_tipo_c + ;
Ser0070.classe_serv_c +
Ser0070.cod_ident_c = ;
ser0010.cod_grupo +
ser0010.cod_composicao + ser0010.cod_tipo
+ ;

```

```

ser0010.classe_serv +
ser0010.cod_ident and ;
CTR0010.cod_grupo IN (SELECT
tipo_obra FROM TABOBRA)
*-----
-----
ELSE
*----- relatório com
restrição de: (UF, DATA) CODIGO -----
-----
SELECT DISTINCT ;
ctrv0020.cod_grupo AS grupo,
ctrv0020.item_geogr AS ig, ;
ctrv0020.cod_grupo + " "+
ctrv0020.cod_composicao + " "+
ctrv0020.cod_tipo + " "+ ;
ctrv0020.classe_serv + " "+
ctrv0020.cod_ident AS codigo, "2" AS reg, ;
SUBSTR(ctrv0020.equipamento,1,1) + "." +
SUBSTR(ctrv0020.equipamento,2,2) + " " + ;
SUBSTR(ctrv0020.equipamento,4,1)+"" AS
cod_det, ;
(RTRIM(ctrv0020.descricao) + " " +
+ RTRIM(ctrv0020.modelo) + " " + ;
RTRIM(ctrv0020.tipo_eqp) + " (" +
alltrim(STR(Eqp0040.potencia))+"Kw") AS
denominaca, ;
ctrv0020.pesquisa, ;
ctrv0020.quantidade AS
quantidade, " " AS und_prod, ;
ctrv0020.utilizacao,
ctrv0020.hora_opera, ctrv0020.hora_parado,
$0.00 ;
FROM sicro!ctrv0020, TABUF,
Eqp0040 ;
WHERE ;
ctrv0020.item_geogr = TABUF.ig
and ;
ctrv0020.pesquisa = ctod(dataproc)
and ;
ctrv0020.equipamento =
Eqp0040.equipamento and ;
ctrv0020.cod_grupo+ctrv0020.cod_composic
ao+ctrv0020.cod_tipo+ ;
ctrv0020.classe_serv+ctrv0020.cod_ident =
cod ;
Order BY 1, 2, 3, 4 ;
INTO table WCTR0310 ;
UNION SELECT ;
CTR0010.cod_grupo AS grupo,
CTR0010.item_geogr AS ig, ;
CTR0010.cod_grupo + " "+
CTR0010.cod_compos + " "+
CTR0010.cod_tipo + " "+ ;
CTR0010.classe_ser + " "+
CTR0010.cod_ident AS codigo, "1" AS reg, ;
" " AS cod_det, ;
RTRIM(ser0010.denominacao)+""
AS denominaca, CTR0010.pesquisa, ;
ser0010.prod_equipe AS
quantidade, ser0010.und_prod AS und_prod,
;
ser0010.ferramenta*1.00 AS fator, ;
CTR0010.CUSTO_DIRE AS
custo1, $0.00 AS custo2, $0.00 AS custo3 ;
FROM CTR0010, ser0010, TABUF
;
WHERE ;
CTR0010.item_geogr = TABUF.ig
and ;

```

```

CTR0010.pesquisa =
ctod(dataproc) and ;
CTR0010.cod_grupo+CTR0010.cod_compos
+CTR0010.cod_tipo+ ;
CTR0010.classe_ser+CTR0010.cod_ident = ;
ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ ;
ser0010.classe_serv+ser0010.cod_ident and ;
CTR0010.cod_grupo+CTR0010.cod_compos
+CTR0010.cod_tipo+ ;
CTR0010.classe_ser+CTR0010.cod_ident =
cod ;
UNION SELECT ;
CTRV0030.cod_grupo AS grupo,
CTRV0030.item_geogr AS ig, ;
CTRV0030.cod_grupo + " "+
CTRV0030.cod_composicao + " "+
CTRV0030.cod_tipo + " "+ ;
CTRV0030.classe_serv + " "+
CTRV0030.cod_ident AS codigo, "3" AS
reg, ;
SUBSTR(CTRV0030.mao_de_obra,1,1) + "." +
+ SUBSTR(CTRV0030.mao_de_obra,2,2) +
"." + ;
SUBSTR(CTRV0030.mao_de_obra,4,1) AS
cod_det, ;
mao0010.descricao+"" AS
denominaca, CTRV0030.pesquisa, ;
CTRV0030.quantidade AS
quantidade, " " AS und_prod, ;
0.0000, CTRV0030.hora_mo,
$0.00, $0.00 ;
FROM sicro!CTRV0030, TABUF,
mao0010 ;
WHERE ;
CTRV0030.item_geogr =
TABUF.ig and ;
CTRV0030.pesquisa =
ctod(dataproc) and ;
CTRV0030.mao_de_obra =
mao0010.mao_d_obra and ;
CTRV0030.cod_grupo+CTRV0030.cod_com
posicao+CTRV0030.cod_tipo+ ;
CTRV0030.classe_serv+CTRV0030.cod_ide
nt = cod ;
UNION SELECT ;
CTR0010.cod_grupo AS grupo,
CTR0010.item_geogr AS ig, ;
CTR0010.cod_grupo + " "+
CTR0010.cod_compos + " "+
CTR0010.cod_tipo + " "+ ;
CTR0010.classe_ser + " "+
CTR0010.cod_ident AS codigo, "4" AS reg, ;
" " AS cod_det, ;
( "" ) AS denominaca,
CTR0010.pesquisa, ;
0.0000 AS quantidade, " " AS
und_prod, ;
ser0010.ferramenta*1.00 AS fator, ;
CTR0010.CUSTO_FERR,
CTR0010.CUSTO_HORA,
CTR0010.CUSTO_UNIT ;
FROM CTR0010, ser0010, TABUF
;
WHERE ;

```

```

        CTR0010.item_geogr = TABUF.ig
and ;
        CTR0010.pesquisa =
ctod(dataproc) and ;

CTR0010.cod_grupo+CTR0010.cod_compos
+CTR0010.cod_tipo+ ;

CTR0010.classe_serv+CTR0010.cod_ident = ;

ser0010.cod_grupo+ser0010.cod_composicao
+ser0010.cod_tipo+ ;

ser0010.classe_serv+ser0010.cod_ident and ;

CTR0010.cod_grupo+CTR0010.cod_compos
+CTR0010.cod_tipo+ ;

CTR0010.classe_serv+CTR0010.cod_ident =
cod ;
        UNION SELECT ;
        CTRV0040.cod_grupo AS grupo,
        CTRV0040.item_geogr AS ig, ;
        CTRV0040.cod_grupo + " "+
        CTRV0040.cod_composicao + " "+
        CTRV0040.cod_tipo + " "+ ;
        CTRV0040.classe_serv + " "+
        CTRV0040.cod_ident AS codigo, "5" AS
reg, ;
        SUBSTR(CTRV0040.material,1,1)
+ "." + SUBSTR(CTRV0040.material,2,2) +
"." + ;
        SUBSTR(CTRV0040.material,4,1)
AS cod_det, ;
        MAT0020.Nome_mat+"" AS
denominaca, CTRV0040.pesquisa, ;
        CTRV0040.quantidade AS
quantidade, MAT0020.undw AS und_prod, ;
0.0000 AS fator,
        CTRV0040.valor_mat, $0.00, $0.00 ;
        FROM sicro!CTRV0040, TABUF,
MAT0020 ;
        WHERE ;
        CTRV0040.item_geogr =
TABUF.ig and ;
        CTRV0040.pesquisa =
ctod(dataproc) and ;
        CTRV0040.material =
MAT0020.material and ;

        CTRV0040.cod_grupo+CTRV0040.cod_com
posicao+CTRV0040.cod_tipo+ ;

        CTRV0040.classe_serv+CTRV0040.cod_ide
nt = cod ;
        UNION SELECT ;
        CTR0050.cod_grupo AS grupo,
        CTR0050.item_geogr AS ig, ;
        CTR0050.cod_grupo + " "+
        CTR0050.cod_composicao + " "+
        CTR0050.cod_tipo + " "+ ;
        CTR0050.classe_serv + " "+
        CTR0050.cod_ident AS codigo, "6" AS reg, ;
        CTR0050.cod_grupo_c + " "+
        CTR0050.cod_composicao_c + " "+ ;
        CTR0050.cod_tipo_c + " "+
        CTR0050.classe_serv_c + " "+ ;
        CTR0050.cod_ident_c AS cod_det,
;
        ser0010.denominacao+"" AS
denominaca, CTR0050.pesquisa, ;
        Ser0050.quantidade AS quantidade,
ser0010.und_prod AS und_prod, ;
0.0000,
        CTR0050.CUSTO_ATIVIDADE AS custo1,
$0.00, $0.00 ;

        FROM CTR0050, Ser0050,
TABUF, ser0010 ;
        WHERE ;
        CTR0050.item_geogr = TABUF.ig
and ;
        CTR0050.pesquisa =
ctod(dataproc) and ;
        CTR0050.cod_grupo +
        CTR0050.cod_composicao +
        CTR0050.cod_tipo + ;
        CTR0050.classe_serv +
        CTR0050.cod_ident +
        CTR0050.cod_grupo_c + ;
        CTR0050.cod_composicao_c +
        CTR0050.cod_tipo_c + ;
        CTR0050.classe_serv_c + ;
        Ser0050.cod_grupo +
        Ser0050.cod_composicao +
        Ser0050.cod_tipo + ;
        Ser0050.classe_serv +
        Ser0050.cod_grupo_c +
        Ser0050.cod_composicao_c +
        Ser0050.cod_tipo_c + ;
        Ser0050.classe_serv_c +
        Ser0050.cod_ident_c and ;
        CTR0050.cod_grupo_c +
        CTR0050.cod_composicao_c +
        CTR0050.cod_tipo_c + ;
        CTR0050.classe_serv_c +
        CTR0050.cod_ident_c = ;
        ser0010.cod_grupo +
        ser0010.cod_composicao + ser0010.cod_tipo
+ ;
        ser0010.classe_serv +
        ser0010.cod_ident and ;
        CTR0050.cod_grupo +
        CTR0050.cod_composicao +
        CTR0050.cod_tipo + ;
        CTR0050.classe_serv +
        CTR0050.cod_ident = cod ;
        UNION SELECT ;
        CTR0010.cod_grupo AS grupo,
        CTR0010.item_geogr AS ig, ;
        CTR0010.cod_grupo + " "+
        CTR0010.cod_compos + " "+
        CTR0010.cod_tipo + " "+ ;
        CTR0010.classe_serv + " "+
        CTR0010.cod_ident AS codigo, "7" AS reg, ;
        SUBSTR(Ser0060.material,1,1) +
        "." + SUBSTR(Ser0060.material,2,2) + "." + ;
        SUBSTR(Ser0060.material,4,1) AS
cod_det, ;
        MAT0020.Nome_mat+"" AS
denominaca, CTR0010.pesquisa, ;
        Ser0060.quantidade AS quantidade,
MAT0020.undw AS und_prod, ;
0.0000, $0.00, $0.00, $0.00 ;
        FROM CTR0010, Ser0060,
TABUF, MAT0020 ;
        WHERE ;
        CTR0010.item_geogr = TABUF.ig
and ;
        CTR0010.pesquisa =
ctod(dataproc) and ;

        CTR0010.cod_grupo+CTR0010.cod_compos
+CTR0010.cod_tipo+ ;

        CTR0010.classe_serv+CTR0010.cod_ident = ;

        Ser0060.cod_grupo+Ser0060.cod_composica
o+Ser0060.cod_tipo + ;

        Ser0060.classe_serv+Ser0060.cod_ident and
;
        Ser0060.material =
MAT0020.material and ;

        CTR0010.cod_grupo+CTR0010.cod_compos
+CTR0010.cod_tipo+ ;

        CTR0010.classe_serv+CTR0010.cod_ident =
cod ;
        UNION SELECT ;
        CTR0010.cod_grupo AS grupo,
        CTR0010.item_geogr AS ig, ;
        CTR0010.cod_grupo + " "+
        CTR0010.cod_compos + " "+
        CTR0010.cod_tipo + " "+ ;
        CTR0010.classe_serv + " "+
        CTR0010.cod_ident AS codigo, "8" AS reg, ;
        Ser0070.cod_grupo_c + " "+
        Ser0070.cod_composicao_c + " "+ ;
        Ser0070.cod_tipo_c + " "+
        Ser0070.classe_serv_c + " "+ ;
        Ser0070.cod_ident_c AS cod_det, ;
        ser0010.denominacao+"" AS
denominaca, CTR0010.pesquisa, ;
        Ser0070.quantidade AS quantidade,
ser0010.und_prod AS und_prod, ;
0.0000, $0.00, $0.00, $0.00 ;
        FROM CTR0010, Ser0070,
TABUF, ser0010 ;
        WHERE ;
        CTR0010.item_geogr = TABUF.ig
and ;
        CTR0010.pesquisa =
ctod(dataproc) and ;
        CTR0010.cod_grupo +
        CTR0010.cod_compos + CTR0010.cod_tipo
+ ;
        CTR0010.classe_serv +
        CTR0010.cod_ident = ;
        Ser0070.cod_grupo +
        Ser0070.cod_composicao +
        Ser0070.cod_tipo + ;
        Ser0070.classe_serv +
        Ser0070.cod_ident and ;
        Ser0070.cod_grupo_c +
        Ser0070.cod_composicao_c +
        Ser0070.cod_tipo_c + ;
        Ser0070.classe_serv_c +
        Ser0070.cod_ident_c = ;
        ser0010.cod_grupo +
        ser0010.cod_composicao + ser0010.cod_tipo
+ ;
        ser0010.classe_serv +
        ser0010.cod_ident and ;

        CTR0010.cod_grupo+CTR0010.cod_compos
+CTR0010.cod_tipo+ ;

        CTR0010.classe_serv+CTR0010.cod_ident =
cod
        *-----
        ENDIF
        *-----
        -----
        set safety on
do form impressa with "rctr0320"

```


<pre> CTR0010.cod_grupo = TABOBRA.tipo_obra ; Order BY 1, 2, 3, 4 ; INTO CURSOR rctr0320 ; UNION SELECT ; CTR0010.cod_grupo AS grupo, CTR0010.item_geogr AS ig, ; CTR0010.cod_grupo + " "+ CTR0010.cod_compos + " "+ CTR0010.cod_tipo + " "+ ; CTR0010.classe_ser + " "+ CTR0010.cod_ident AS codigo, "2" AS reg, ; \$.00, \$.00, \$.00, CTR0010.pesquisa, ; " " AS denominacao, " " AS und_prod, count(Ser0060.quantidade) AS transporte, ; TABUF.nome_uf AS nome_uf, TABOBRA.Nome_obra AS Nome_obra ; FROM CTR0010, Ser0060, TABUF, TABOBRA ; WHERE ; CTR0010.item_geogr = TABUF.ig and ; CTR0010.pesquisa = ctod(dataproc) and ; CTR0010.cod_grupo+CTR0010.cod_compos +CTR0010.cod_tipo+ ; CTR0010.classe_ser+CTR0010.cod_ident = ; Ser0060.cod_grupo+Ser0060.cod_composica o+Ser0060.cod_tipo+ ; Ser0060.classe_serv+Ser0060.cod_ident and ; CTR0010.cod_grupo = TABOBRA.tipo_obra ; UNION SELECT ; CTR0010.cod_grupo AS grupo, CTR0010.item_geogr AS ig, ; CTR0010.cod_grupo + " "+ CTR0010.cod_compos + " "+ CTR0010.cod_tipo + " "+ ; CTR0010.classe_ser + " "+ CTR0010.cod_ident AS codigo, "3" AS reg, ; \$.00, \$.00, \$.00, CTR0010.pesquisa, ; " " AS denominacao, " " AS und_prod, count(Ser0070.quantidade) AS transporte, ; TABUF.nome_uf AS nome_uf, TABOBRA.Nome_obra AS Nome_obra ; FROM CTR0010, Ser0070, TABUF, TABOBRA ; WHERE ; CTR0010.item_geogr = TABUF.ig and ; CTR0010.pesquisa = ctod(dataproc) and ; CTR0010.cod_grupo+CTR0010.cod_compos +CTR0010.cod_tipo+ ; CTR0010.classe_ser+CTR0010.cod_ident = ; Ser0070.cod_grupo+Ser0070.cod_composica o+Ser0070.cod_tipo+ ; Ser0070.classe_serv+Ser0070.cod_ident and ; CTR0010.cod_grupo = TABOBRA.tipo_obra ; </pre>	<pre> do form impressa with "rctr0330" ENDCASE Endwith ENDPROC Top = 7 Left = 511 Height = 26 Width = 28 Picture = ..\IMAGENS\HELP.bmp Caption = "" TabIndex = 8 DisabledForeColor = 128,128,128 Name = "auxilio" FontSize = 10 BackStyle = 0 Caption = "DNER - Gerência de Custos Rodoviários" Height = 18 Left = 8 Top = 11 Width = 301 TabIndex = 0 Name = "Label2" BorderColor = 255,255,255 Height = 1 Left = 15 Top = 103 Width = 523 Name = "Shape1" BackColor = 128,128,128 BorderColor = 128,128,128 Height = 1 Left = 15 Top = 104 Width = 523 Name = "Shape2" FontOutline = .f. FontSize = 10 FontUnderline = .T. BackStyle = 0 Caption = "Seleção de Informações:" Height = 25 Left = 23 Top = 118 Width = 180 TabIndex = 0 Name = "Label3" AutoSize = .f. BackStyle = 0 Caption = "UF / Região: " Height = 18 Left = 24 Top = 189 Width = 82 TabIndex = 0 Name = "Label4" Caption = "Equipamentos - " Height = 1 Left = 64 Top = 218 Width = 13 TabIndex = 0 Name = "Label5" BackStyle = 0 Caption = "Tipo de Obra : " Height = 18 Left = 24 Top = 234 Width = 97 TabIndex = 0 Name = "Label6" </pre>	<pre> BorderColor = 255,255,255 Height = 178 Left = 394 Top = 134 Width = 3 Name = "Shape5" BackColor = 128,128,128 BorderColor = 128,128,128 Height = 177 Left = 393 Top = 134 Width = 1 Name = "Shape6" FontOutline = .f. FontSize = 10 FontUnderline = .T. BackStyle = 0 Caption = "Custo Rodoviário" Height = 25 Left = 412 Top = 118 Width = 125 TabIndex = 0 Name = "Label7" AutoSize = .T. FontName = "Times New Roman" FontOutline = .f. FontSize = 14 FontUnderline = .f. BackStyle = 0 Caption = "Consulta ao Custo das Composições" Height = 25 Left = 8 Top = 71 Width = 297 TabIndex = 0 Name = "Label8" ColumnCount = 3 ColumnWidths = "27,175,40" RowSourceType = 3 RowSource = "select uf, denominacao, regiao from par0010 into cursor uf order by 1 where uf IN (select distinct ctrv0010.item_geogr from ctrv0010)" Height = 24 Left = 132 TabIndex = 2 Top = 186 Width = 193 Name = "Combo_UF" ColumnCount = 2 ColumnWidths = "20,225" RowSourceType = 3 RowSource = "select * from obra order by 1 into cursor ob" Height = 24 Left = 132 TabIndex = 3 Top = 231 Width = 193 Name = "Combo_Obra" BackStyle = 0 Caption = "Data de Referência: " Height = 18 Left = 24 Top = 148 Width = 143 TabIndex = 0 Name = "Label9" Top = 256 Left = 446 Height = 29 Width = 75 Caption = "Fechar" TabIndex = 9 </pre>
---	--	--

```

Name = "Cmd_Fechar"
procedure Click
  sele servico
  use
  sele ob
  use
  sele uf
  use
  sele datapesq
  use

  Thisform.release
ENDPROC
BorderColor = 255,255,255
Height = 1
Left = 15
Top = 330
Width = 523
Name = "Shape3"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 15
Top = 331
Width = 523
Name = "Shape4"
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 48
Left = 54
Top = 342
Width = 444
TabIndex = 5
Name = "Opcao"
Option1.BackStyle = 0
Option1.Caption = "Visualização das
Informações"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 16
Option1.Width = 208
Option1.AutoSize = .T.
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Emissão de Relatório"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 261
Option2.Top = 16
Option2.Width = 153
Option2.AutoSize = .f.
Option2.Name = "Option2"
BorderColor = 255,255,255
Height = 44
Left = 275
Top = 341
Width = 3
Name = "Shape7"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 43
Left = 276
Top = 341
Width = 1
Name = "Shape8"
Alignment = 0
RowSourceType = 3
RowSource = "select distinct pesquisa from
ctr0010 order by ctr0010.pesquisa DESC into
cursor datapesq"
DisplayValue = 1
Value = (datapesq)
ControlSource = " "

```

```

Height = 24
Left = 240
Sorted = .f.
TabIndex = 1
Top = 144
Visible = .T.
Width = 85
Name = "Combo_Data"
procedure Valid

ENDPROC
BoundColumn = 1
ColumnCount = 2
ColumnWidths = "80,260"
RowSourceType = 3
RowSource = "select cod_grupo+
cod_composicao+ cod_tipo+ classe_serv+
cod_ident, denominacao from ser0010 into
cursor servico"
DisplayValue =
ControlSource = ""
Height = 24
ColumnLines = .T.
Left = 204
NumberOfElements = 0
TabIndex = 4
Top = 298
Width = 121
Name = "Combo_Servico"
AutoSize = .f.
BackStyle = 0
Caption = "Seleção de uma Atividade /
Serviço:"
Height = 18
Left = 24
Top = 270
Width = 232
TabIndex = 0
Name = "Label10"

*****

1.62 FORMSCTR\TCTR0320.SCX

Left = 0
Top = 0
Width = 792
Height = 451
InitialSelectedAlias = "ctrv0010"
Name = "Dataenvironment"
Left = 212
Top = 159
Width = 90
Height = 90
Alias = "par0020"
Order = "grupo"
Database = ..\sicro.dbc
CursorSource = "par0020"
Name = "Cursor3"
Left = 16
Top = 17
Width = 125
Height = 134
Alias = "ctrv0010"
BufferModeOverride = 1
Order = ""
Database = ..\sicro.dbc
CursorSource = "ctrv0010"
Name = "Cursor1"
Left = 34
Top = 219
Width = 90
Height = 90
Alias = "obra"
Order = "ichave"
CursorSource = ..\TABELAS\obra.dbf

```

```

Name = "Cursor6"
ParentAlias = "ctrv0010"
RelationalExpr = "cod_grupo"
ChildAlias = "par0020"
ChildOrder = "grupo"
Name = "Relation1"
ParentAlias = "ctrv0010"
RelationalExpr = "cod_grupo"
ChildAlias = "obra"
ChildOrder = "ichave"
Name = "Relation3"
Left = 258
Top = 7
Width = 90
Height = 90
Alias = "par0010"
BufferModeOverride = 1
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor2"
ParentAlias = "ctrv0010"
RelationalExpr = "item_geogr"
ChildAlias = "par0010"
ChildOrder = "iuf"
Name = "Relation2"
ScaleMode = 3
Height = 449
Width = 580
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0320"
Visible = .f.
HelpContextID = 40240
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TCTR0320"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "SHAPE2"
layoutsty.Shape3.Name = "SHAPE3"
layoutsty.Shape4.Name = "SHAPE4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "LAYOUTSTY"
Label1.Caption = "Custo Unitário de
Atividades / Serviços"
Label1.Width = 462
Label1.TabIndex = 0
Label1.Name = "Label1"
Shape1.Name = "Shape1"
Shape2.Name = "SHAPE2"
Shape3.Left = 46
Shape3.Top = 305
Shape3.Width = 489
Shape3.Name = "SHAPE3"
Shape4.Left = 46
Shape4.Top = 306
Shape4.Width = 489
Shape4.Name = "SHAPE4"
procedure bot_refresca
  with Thisform
    .Refresh
  Endwith

ENDPROC
procedure Init
  parameters datapro, puf, pObra, pcodigo

  PUBLIC xdetcontrol
  private nurec

```



```

sele CTRV0010

IF empty(pcodigo)

    IF !empty(puf)
        IF !empty(pObra)
            set FILTER to cod_grupo = pObra
            and item_geogr = puf and pesquisa =
            ctod(dataproc)
        ELSE
            set FILTER to item_geogr = puf
            and pesquisa = ctod(dataproc)
        ENDIF
    ELSE
        IF !empty(pObra)
            set FILTER to cod_grupo = pObra
            and pesquisa = ctod(dataproc)
        ELSE
            set FILTER to pesquisa =
            ctod(dataproc)
        ENDIF
    ENDIF

    ELSE    && seleção de um código de
    serviço / atividade
    IF !empty(puf)    && para todas as uf
    onde o código está definido

        set FILTER to codigov = pcodigo and
        item_geogr = puf and pesquisa =
        ctod(dataproc)

    ELSE    && para uma uf onde o
    código está definido
        set FILTER to codigov = pcodigo and
        pesquisa = ctod(dataproc)

    ENDIF
ENDIF
GO Top

Thisform.bot_refresca
ENDPROC
AutoSize = .T.
FontBold = .T.
Caption = "UF / Região:"
Left = 10
Top = 51
Visible = .T.
Width = 62
TabIndex = 0
Name = "LBLITEM_GEOGR1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.item_geogr"
Enabled = .f.
Height = 21
InputMask = ""
Left = 99
ReadOnly = .T.
TabIndex = 0
Top = 47
Visible = .T.
Width = 30
Comment = ""
Name = "ITEM_GEOGR1"
AutoSize = .T.
Caption = "-"
Left = 131
Top = 49
Visible = .T.
Width = 4
TabIndex = 0

Name = "LBLPESQUISA1"
FontBold = .T.
Alignment = 2
Value = { / / }
ControlSource = "ctrv0010.pesquisa"
Enabled = .f.
Height = 21
Left = 514
ReadOnly = .T.
TabIndex = 0
Top = 47
Visible = .T.
Width = 60
Name = "PESQUISA1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_grupo"
Enabled = .f.
Height = 21
InputMask = "X"
Left = 116
ReadOnly = .T.
TabIndex = 0
Top = 96
Visible = .T.
Width = 16
Comment = ""
Name = "COD_GRUPO1"
AutoSize = .T.
FontBold = .T.
Caption = "Atividade / Serviço:"
Left = 10
Top = 98
Visible = .T.
Width = 104
TabIndex = 0
Name = "LBLCOD_COMPOSICAO1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_compos"
Enabled = .f.
Height = 21
InputMask = "X"
Left = 136
ReadOnly = .T.
TabIndex = 0
Top = 96
Visible = .T.
Width = 17
Comment = ""
Name = "COD_COMPOSICAO1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_tipo"
Enabled = .f.
Height = 21
InputMask = "XX"
Left = 156
ReadOnly = .T.
TabIndex = 0
Top = 96
Visible = .T.
Width = 21
Comment = ""
Name = "COD_TIPO1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.classe_ser"
Enabled = .f.
Height = 21
InputMask = "XXX"
Left = 181

ReadOnly = .T.
TabIndex = 0
Top = 96
Visible = .T.
Width = 27
Comment = ""
Name = "CLASSE_SERV1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_ident"
Enabled = .f.
Height = 21
InputMask = "XX"
Left = 212
ReadOnly = .T.
TabIndex = 0
Top = 96
Visible = .T.
Width = 21
Comment = ""
Name = "COD_IDENT1"
FontBold = .T.
Caption = "Custo Horário dos
Equipamentos:"
Height = 13
Left = 118
Top = 129
Visible = .T.
Width = 188
TabIndex = 0
Name = "LBLCUSTO_EQUIP1"
FontBold = .T.
Alignment = 1
Value = $0,0000
ControlSource = "ctrv0010.custo_equi"
Enabled = .f.
Format = "$"
InputMask = "999,999,999.99"
Left = 330
ReadOnly = .T.
TabIndex = 0
Top = 125
Visible = .T.
Width = 134
Comment = ""
Name = "CUSTO_EQUIP1"
FontBold = .T.
Caption = "Custo Horário de Mão-de-Obra:"
Height = 13
Left = 118
Top = 153
Visible = .T.
Width = 188
TabIndex = 0
Name = "LBLCUSTO_MAO1"
FontBold = .T.
Alignment = 1
Value = $0,0000
ControlSource = "ctrv0010.custo_mao"
Enabled = .f.
Format = "$"
InputMask = "999,999,999.99"
Left = 330
ReadOnly = .T.
TabIndex = 0
Top = 149
Visible = .T.
Width = 134
Comment = ""
Name = "CUSTO_MAO1"
FontBold = .T.
Alignment = 1
Value = $0,0000
ControlSource = "ctrv0010.custo_ferr"
Enabled = .f.

```

Format = "\$"
 InputMask = "999,999,999.99"
 Left = 330
 ReadOnly = .T.
 TabIndex = 0
 Top = 173
 Visible = .T.
 Width = 134
 Comment = ""
 Name = "CUSTO_FERRAMENTAS1"
 FontBold = .T.
 Caption = "Custo Horário Total:"
 Height = 13
 Left = 118
 Top = 204
 Visible = .T.
 Width = 184
 TabIndex = 0
 Name = "LBLCUSTO_HORARIO1"
 FontBold = .T.
 Alignment = 1
 Value = \$0,0000
 ControlSource = "ctrv0010.custo_hora"
 Enabled = .f.
 Format = "\$"
 InputMask = "999,999,999.99"
 Left = 330
 ReadOnly = .T.
 TabIndex = 0
 Top = 200
 Visible = .T.
 Width = 134
 Comment = ""
 Name = "CUSTO_HORARIO1"
 FontBold = .T.
 Caption = "Custo Unitário de Execução (por)"
 Height = 13
 Left = 118
 Top = 228
 Visible = .T.
 Width = 184
 TabIndex = 0
 Name = "LBLCUSTO_UNITARIO1"
 FontBold = .T.
 Alignment = 1
 Value = \$0,0000
 ControlSource = "ctrv0010.custo_unit"
 Enabled = .f.
 Format = "\$"
 InputMask = "999,999,999.99"
 Left = 396
 ReadOnly = .T.
 TabIndex = 0
 Top = 224
 Visible = .T.
 Width = 134
 Comment = ""
 Name = "CUSTO_UNITARIO1"
 FontBold = .T.
 Caption = "Custo Total de Material:"
 Height = 13
 Left = 118
 Top = 257
 Visible = .T.
 Width = 184
 TabIndex = 0
 Name = "LBLCUSTO_MATERIAL1"
 FontBold = .T.
 Alignment = 1
 Value = \$0,0000
 ControlSource = "ctrv0010.custo_mate"
 Enabled = .f.
 Format = "\$"
 InputMask = "999,999,999.99"
 Left = 396
 ReadOnly = .T.

TabIndex = 0
 Top = 253
 Visible = .T.
 Width = 134
 Comment = ""
 Name = "CUSTO_MATERIAL1"
 FontBold = .T.
 Caption = "Custo Unitário Direto (Total):"
 Left = 118
 Top = 342
 Visible = .T.
 Width = 184
 TabIndex = 0
 Name = "LBLCUSTO_DIRETO1"
 FontBold = .T.
 Alignment = 1
 Value = \$0,0000
 ControlSource = "ctrv0010.custo_dire"
 Enabled = .f.
 Format = "\$"
 InputMask = "999,999,999.99"
 Left = 396
 ReadOnly = .T.
 TabIndex = 0
 Top = 338
 Visible = .T.
 Width = 134
 Comment = ""
 Name = "CUSTO_DIRETO1"
 FontBold = .T.
 Caption = "L D I :"
 Left = 118
 Top = 366
 Visible = .T.
 Width = 96
 TabIndex = 0
 Name = "LBLCUSTO_DIRETO1"
 FontBold = .T.
 Alignment = 1
 Value = \$0,0000
 ControlSource = "ctrv0010.bonificaca"
 Enabled = .f.
 Format = "\$"
 InputMask = "999,999,999.99"
 Left = 396
 ReadOnly = .T.
 TabIndex = 0
 Top = 362
 Visible = .T.
 Width = 134
 Comment = ""
 Name = "BONIFICACAO1"
 FontBold = .T.
 Caption = "Preço Unitário (Total):"
 Height = 13
 Left = 118
 Top = 390
 Visible = .T.
 Width = 124
 TabIndex = 0
 Name = "LBLCUSTO_DIRETO1"
 FontBold = .T.
 Alignment = 1
 Value = \$0,0000
 ControlSource = "ctrv0010.preco_unit"
 Enabled = .f.
 Format = "\$"
 InputMask = "999,999,999.99"
 Left = 396
 ReadOnly = .T.
 TabIndex = 0
 Top = 386
 Visible = .T.
 Width = 134
 Name = "PRECO_UNITARIO1"
 FontBold = .T.

Value =
 ControlSource = "ctrv0010.denominacao"
 Enabled = .f.
 Height = 21
 InputMask = ""
 Left = 235
 ReadOnly = .T.
 TabIndex = 0
 Top = 96
 Visible = .T.
 Width = 342
 Comment = ""
 Name = "DENOMINAÇÃO1"
 AutoSize = .T.
 FontBold = .T.
 Caption = "Produção da Equipe:"
 Left = 335
 Top = 73
 Visible = .T.
 Width = 111
 TabIndex = 0
 Name = "LBLPROD_EQUIPE1"
 FontBold = .T.
 Alignment = 1
 Value = 0.0000
 ControlSource = "ctrv0010.prod_equipe"
 Enabled = .f.
 InputMask = "999,999.9999"
 Left = 454
 ReadOnly = .T.
 TabIndex = 0
 Top = 71
 Visible = .T.
 Width = 72
 Name = "PROD_EQUIPE1"
 FontBold = .T.
 Value =
 ControlSource = "ctrv0010.und_prod"
 Enabled = .f.
 InputMask = "XXXX"
 Left = 534
 ReadOnly = .T.
 TabIndex = 0
 Top = 71
 Visible = .T.
 Width = 40
 Name = "UND_PROD1"
 AutoSize = .T.
 FontBold = .T.
 Caption = "Adicional de Mão-de-Obra:"
 Height = 16
 Left = 118
 Top = 177
 Visible = .T.
 Width = 144
 TabIndex = 0
 Name = "LBLCUSTO_DIRETO1"
 FontBold = .T.
 Alignment = 2
 Value = 0.00
 ControlSource = "ctrv0010.ferramenta"
 Enabled = .f.
 InputMask = "999,99"
 Left = 263
 ReadOnly = .T.
 TabIndex = 0
 Top = 173
 Visible = .T.
 Width = 48
 Name = "FERRAMENTA1"
 AutoSize = .T.
 FontBold = .T.
 Caption = "Referência:"
 Left = 448
 Top = 51
 Visible = .T.

```

Width = 62
TabIndex = 0
Name = "Embossedlabel2"
AutoSize = .T.
Caption = "-"
Left = 132
Top = 98
Visible = .T.
Width = 4
TabIndex = 0
Name = "Embossedlabel3"
AutoSize = .T.
Caption = "-"
Left = 152
Top = 98
Visible = .T.
Width = 4
TabIndex = 0
Name = "Embossedlabel4"
AutoSize = .T.
Caption = "-"
Left = 177
Top = 98
Visible = .T.
Width = 4
TabIndex = 0
Name = "Embossedlabel5"
AutoSize = .T.
Caption = "-"
Left = 208
Top = 98
Visible = .T.
Width = 4
TabIndex = 0
Name = "Embossedlabel6"
FontBold = .T.
Caption = "%"
Height = 13
Left = 313
Top = 177
Visible = .T.
Width = 15
TabIndex = 0
Name = "Embossedlabel1"
BorderColor = 255,255,255
Height = 1
Left = 45
Top = 196
Width = 489
Name = "Shape5"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 45
Top = 197
Width = 489
Name = "Shape6"
BorderColor = 255,255,255
Height = 1
Left = 45
Top = 120
Width = 489
Name = "Shape7"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 45
Top = 121
Width = 489
Name = "Shape8"
BorderColor = 255,255,255
Height = 1
Left = 46
Top = 247
Width = 489
Name = "Shape9"

```

```

BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 46
Top = 248
Width = 489
Name = "Shape10"
BorderColor = 255,255,255
Height = 1
Left = 45
Top = 333
Width = 489
Name = "Shape11"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 45
Top = 334
Width = 489
Name = "Shape12"
Top = 126
Left = 47
Height = 21
Width = 54
FontSize = 8
Caption = "Detalhes"
TabIndex = 2
Name = "Det_Equip"
procedure Click
    xdetcontrol = CTRV0010.controle
    *nurec = RECNO(1)

    do form TCTR0321 with xdetcontrol

    sele CTRV0010

    IF empty(pcodigo)

        IF !empty(puf)
            IF !empty(pObra)
                set FILTER to cod_grupo = pObra
                and item_geogr = puf and pesquisa =
                ctod(dataproc)
            ELSE
                set FILTER to item_geogr = puf
                and pesquisa = ctod(dataproc)
            ENDIF
        ELSE
            IF !empty(pObra)
                set FILTER to cod_grupo = pObra
                and pesquisa = ctod(dataproc)
            ELSE
                set FILTER to pesquisa =
                ctod(dataproc)
            ENDIF
        ENDIF
    ELSE
        && seleção de um código de
        serviço / atividade
        IF !empty(puf) && para todas as uf
        onde o código está definido

            set FILTER to codigov = pcodigo and
            item_geogr = puf and pesquisa =
            ctod(dataproc)
        ELSE
            && para uma uf onde o
            código está definido
            IF !empty(puf) && para todas as uf
            onde o código está definido

                set FILTER to codigov = pcodigo and
                pesquisa = ctod(dataproc)
            ELSE
                && para uma uf onde o
                código está definido
                set FILTER to codigov = pcodigo and
                pesquisa = ctod(dataproc)
            ENDIF
        ENDIF
    ENDIF
    *GO nurec

ENDPROC

```

```

Top = 150
Left = 47
Height = 21
Width = 54
FontSize = 8
Caption = "Detalhes"
TabIndex = 3
Name = "Det_Mao_de_Obra"
procedure Click
    xdetcontrol = CTRV0010.controle
    *nurec = RECNO(1)

    do form TCTR0322 with xdetcontrol

    sele CTRV0010

    IF empty(pcodigo)

        IF !empty(puf)
            IF !empty(pObra)
                set FILTER to cod_grupo = pObra
                and item_geogr = puf and pesquisa =
                ctod(dataproc)
            ELSE
                set FILTER to item_geogr = puf
                and pesquisa = ctod(dataproc)
            ENDIF
        ELSE
            IF !empty(pObra)
                set FILTER to cod_grupo = pObra
                and pesquisa = ctod(dataproc)
            ELSE
                set FILTER to pesquisa =
                ctod(dataproc)
            ENDIF
        ENDIF
    ELSE
        && seleção de um código de
        serviço / atividade
        IF !empty(puf) && para todas as uf
        onde o código está definido

            set FILTER to codigov = pcodigo and
            item_geogr = puf and pesquisa =
            ctod(dataproc)
        ELSE
            && para uma uf onde o
            código está definido
            set FILTER to codigov = pcodigo and
            pesquisa = ctod(dataproc)
        ENDIF
    ENDIF
    *GO nurec

ENDPROC
Top = 252
Left = 47
Height = 21
Width = 54
FontSize = 8
Caption = "Detalhes"
TabIndex = 4
Name = "Det_Material"
procedure Click
    xdetcontrol = CTRV0010.controle
    *nurec = RECNO(1)

    do form TCTR0323 with xdetcontrol

    sele CTRV0010

    IF empty(pcodigo)

```

```

IF !empty(puf)
  IF !empty(pObra)
    set FILTER to cod_grupo = pObra
and item_geogr = puf and pesquisa =
ctod(dataproc)
  ELSE
    set FILTER to item_geogr = puf
and pesquisa = ctod(dataproc)
  ENDIF
ELSE
  IF !empty(pObra)
    set FILTER to cod_grupo = pObra
and pesquisa = ctod(dataproc)
  ELSE
    set FILTER to pesquisa =
ctod(dataproc)
  ENDIF
ENDIF

ELSE    && seleção de um código de
serviço / atividade
  IF !empty(puf)    && para todas as uf
onde o código está definido

    set FILTER to codigov = pcodigo and
item_geogr = puf and pesquisa =
ctod(dataproc)

  ELSE    && para uma uf onde o
código está definido
    set FILTER to codigov = pcodigo and
pesquisa = ctod(dataproc)

  ENDIF
ENDIF
*GO nurec

ENDPROC
FontBold = .T.
Caption = "Custo Unitário de Transporte"
Height = 13
Left = 118
Top = 315
Visible = .T.
Width = 184
TabIndex = 0
Name = "Embossedlabel7"
Top = 310
Left = 47
Height = 21
Width = 54
FontSize = 8
Caption = "Detalhes"
TabIndex = 6
Name = "Det_Transporte"
procedure Click
  xdetcontrol = CTRV0010.controle
  *nurec = RECNO(1)

do form TCTR0325 with xdetcontrol

sele CTRV0010

IF empty(pcodigo)

  IF !empty(puf)
    IF !empty(pObra)
      set FILTER to cod_grupo = pObra
and item_geogr = puf and pesquisa =
ctod(dataproc)
    ELSE
      set FILTER to item_geogr = puf
and pesquisa = ctod(dataproc)
    ENDIF
  ENDIF

```

```

ELSE
  IF !empty(pObra)
    set FILTER to cod_grupo = pObra
and pesquisa = ctod(dataproc)
  ELSE
    set FILTER to pesquisa =
ctod(dataproc)
  ENDIF
ENDIF

ELSE    && seleção de um código de
serviço / atividade
  IF !empty(puf)    && para todas as uf
onde o código está definido

    set FILTER to codigov = pcodigo and
item_geogr = puf and pesquisa =
ctod(dataproc)

  ELSE    && para uma uf onde o
código está definido
    set FILTER to codigov = pcodigo and
pesquisa = ctod(dataproc)

  ENDIF
ENDIF
*GO nurec

ENDPROC
FontBold = .T.
Alignment = 2
Value = 0.00
ControlSource = "par0020.bdi"
Enabled = .f.
InputMask = "999.99"
Left = 191
ReadOnly = .T.
TabIndex = 0
Top = 362
Visible = .T.
Width = 48
Name = "BDI"
FontBold = .T.
Caption = "%"
Height = 13
Left = 242
Top = 366
Visible = .T.
Width = 15
TabIndex = 0
Name = "Embossedlabel8"
Top = 12
Left = 540
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 7
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
  HELP ID 40240 IN Screen
ENDPROC
AutoSize = .T.
FontBold = .T.
Caption = "Tipo de Obra:"
Left = 10
Top = 73
Visible = .T.
Width = 73
TabIndex = 0
Name = "Embossedlabel9"
FontBold = .T.
FontSize = 8

```

```

ControlSource = "obra.nome_obra"
Height = 24
Left = 99
ReadOnly = .T.
TabIndex = 0
tag = ""
Top = 71
Width = 228
Comment = ""
Name = "fObra"
FontBold = .T.
Caption = "Custo com Outras Atividades:"
Height = 13
Left = 118
Top = 283
Visible = .T.
Width = 184
TabIndex = 0
Name = "Embossedlabel10"
FontBold = .T.
Alignment = 1
Value = $0,0000
ControlSource = "ctrv0010.custo_comp"
Enabled = .f.
Format = "$"
InputMask = "999,999,999.99"
Left = 396
ReadOnly = .T.
TabIndex = 0
Top = 279
Visible = .T.
Width = 134
Comment = ""
Name = "custo_comp"
Top = 278
Left = 47
Height = 21
Width = 54
FontSize = 8
Caption = "Detalhes"
TabIndex = 5
Name = "Det_Atividade"
procedure Click
  xdetcontrol = CTRV0010.controle
  *nurec = RECNO(1)

do form TCTR0324 with xdetcontrol

sele CTRV0010

IF empty(pcodigo)

  IF !empty(puf)
    IF !empty(pObra)
      set FILTER to cod_grupo = pObra
and item_geogr = puf and pesquisa =
ctod(dataproc)
    ELSE
      set FILTER to item_geogr = puf
and pesquisa = ctod(dataproc)
    ENDIF
  ELSE
    IF !empty(pObra)
      set FILTER to cod_grupo = pObra
and pesquisa = ctod(dataproc)
    ELSE
      set FILTER to pesquisa =
ctod(dataproc)
    ENDIF
  ENDIF

  ELSE    && seleção de um código de
serviço / atividade
    IF !empty(puf)    && para todas as uf
onde o código está definido

```

```

        set FILTER to codigov = pcodigo and
item_geogr = puf and pesquisa =
ctod(dataproc)

```

```

        ELSE      && para uma uf onde o
código está definido
        set FILTER to codigov = pcodigo and
pesquisa = ctod(dataproc)

```

```

        ENDIF
        ENDIF
        *GO nurec

```

```

ENDPROC
Top = 418
Left = 106
Width = 368
Height = 27
TabIndex = 1
Name = "Navega1"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
FontSize = 8
ControlSource = "par0010.denominacao"
Height = 21
Left = 138
Top = 47
Width = 269
Name = "den_geogr"
FontBold = .T.
Value =
ControlSource = "ctrv0010.und_prod"
Enabled = .f.
Height = 21
InputMask = "XXX"
Left = 300
ReadOnly = .T.
TabIndex = 0
Top = 224
Visible = .T.
Width = 38
Name = "Embossedfield2"
FontBold = .T.
Caption = ") :)"
Height = 13
Left = 343
Top = 228
Visible = .T.
Width = 15
TabIndex = 0
Name = "Embossedlabel11"

```

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```

Left = 0
Top = 0
Width = 792
Height = 451
AutoOpenTables = .T.
AutoCloseTables = .T.
InitialSelectedAlias = "ctrv0010"
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90

```

```

Alias = "ctrv0010"
Database = ..\sicro.dbc
CursorSource = "ctrv0010"
Name = "Cursor1"
procedure Init
    sele CTRV0010
    set FILTER to
CTRV0010.controle=xdetcontrol
    GO Top
ENDPROC
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "ctrv0020"
Database = ..\sicro.dbc
CursorSource = "ctrv0020"
Name = "Cursor2"
Left = 300
Top = 10
Width = 111
Height = 100
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor3"
Left = 173
Top = 172
Width = 90
Height = 90
Alias = "obra"
CursorSource = ..\TABELAS\obra.dbf
Name = "Cursor4"
ParentAlias = "ctrv0010"
RelationalExpr = "cod_grupo"
ChildAlias = "obra"
ChildOrder = "ichave"
Name = "Relation1"
ScaleMode = 3
Height = 427
Width = 611
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0321"
Visible = .f.
HelpContextID = 40250
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TCTR0321"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "SHAPE2"
layoutsty.Shape3.Name = "SHAPE3"
layoutsty.Shape4.Name = "SHAPE4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "LAYOUTSTY"
Label1.Caption = "Custo Unitário de
Atividades / Serviços"
Label1.Width = 462
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 8
Shape1.Top = 75
Shape1.Width = 595
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 8
Shape2.Top = 76
Shape2.Width = 595
Shape2.Name = "SHAPE2"
Shape3.Left = 8

```

```

Shape3.Top = 388
Shape3.Width = 595
Shape3.Name = "SHAPE3"
Shape4.Left = 8
Shape4.Top = 389
Shape4.Width = 595
Shape4.Name = "SHAPE4"
procedure bot_refresca
    with Thisform
        Refresh
    Endwith

```

```

ENDPROC
procedure Init
    Parameter xdetcontrol

PUBLIC parcontrol

parcontrol=xdetcontrol

sele ctrv0020

set FILTER to controle2 = parcontrol
GO Top

*thisform.navega1.cmdnext.click
*thisform.navega1.cmdprev.click

```

```

ENDPROC
procedure Refresh
    parcontrol=xdetcontrol

sele ctrv0020

set FILTER to controle2 = parcontrol
GO Top

*thisform.navega1.cmdnext.click
*thisform.navega1.cmdprev.click

```

```

ENDPROC
AutoSize = .T.
FontBold = .T.
Caption = "UF / Região:"
Left = 10
Top = 88
Visible = .T.
Width = 62
Name = "LBLITEM_GEOGR1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.item_geogr"
Enabled = .f.
InputMask = "XX"
Left = 126
ReadOnly = .T.
Top = 84
Visible = .T.
Width = 30
Comment = (CTRV0010.item_geogr)
Name = "ITEM_GEOGR1"
AutoSize = .T.
Caption = "-"
Left = 158
Top = 86
Visible = .T.
Width = 4
Name = "LBLPESQUISA1"
FontBold = .T.
Alignment = 2
Value = { / / }

```

```

ControlSource = "ctrv0010.pesquisa"
Enabled = .f.
Height = 21
Left = 541
Top = 84
Visible = .T.
Width = 60
Name = "PESQUISA1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_grupo"
Enabled = .f.
Height = 21
InputMask = "X"
Left = 126
ReadOnly = .T.
Top = 133
Visible = .T.
Width = 18
Name = "COD_GRUPO1"
AutoSize = .T.
FontBold = .T.
Caption = "Atividade / Serviço:"
Left = 10
Top = 135
Visible = .T.
Width = 104
Name = "LBLCOD_COMPOSICAO1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_compos"
Enabled = .f.
Height = 21
InputMask = "X"
Left = 148
ReadOnly = .T.
Top = 133
Visible = .T.
Width = 18
Name = "COD_COMPOSICAO1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_tipo"
Enabled = .f.
Height = 21
InputMask = "XX"
Left = 170
ReadOnly = .T.
Top = 133
Visible = .T.
Width = 23
Name = "COD_TIPO1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.classe_ser"
Enabled = .f.
Height = 21
InputMask = "XXX"
Left = 197
ReadOnly = .T.
Top = 133
Visible = .T.
Width = 30
Name = "CLASSE_SERV1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_ident"
Enabled = .f.
Height = 21
InputMask = "XX"
Left = 231
ReadOnly = .T.
Top = 133
Visible = .T.
Width = 23
Name = "COD_IDENT1"
FontBold = .T.
Caption = "Custo Horário dos Equipamentos:"
Height = 13
Left = 266
Top = 163
Visible = .T.
Width = 188
Name = "LBLCUSTO_EQUIP1"
FontBold = .T.
Alignment = 1
Value = $0,0000
ControlSource = "ctrv0010.custo_equi"
Enabled = .f.
Format = "$"
InputMask = "999,999,999.9999"
Left = 467
ReadOnly = .T.
Top = 159
Visible = .T.
Width = 134
Name = "CUSTO_EQUIP1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.denominacao"
Enabled = .f.
Height = 21
InputMask = ""
Left = 257
ReadOnly = .T.
Top = 133
Visible = .T.
Width = 344
Name = "DENOMINACAO1"
AutoSize = .T.
FontBold = .T.
Caption = "Produção da Equipe:"
Left = 10
Top = 161
Visible = .T.
Width = 111
Name = "LBLPROD_EQUIPE1"
FontBold = .T.
Alignment = 1
Value = 0.0000
ControlSource = "ctrv0010.prod_equipe"
Enabled = .f.
InputMask = "999,999.9999"
Left = 126
ReadOnly = .T.
Top = 159
Visible = .T.
Width = 72
Name = "PROD_EQUIPE1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.und_prod"
Enabled = .f.
InputMask = "XXX"
Left = 200
ReadOnly = .T.
Top = 159
Visible = .T.
Width = 40
Name = "UND_PROD1"
AutoSize = .T.
FontBold = .T.
Caption = "Referência:"
Left = 466
Top = 88
Visible = .T.
Width = 62
Name = "Embossedlabel2"
FontSize = 8
ControlSource = ""
Enabled = .f.
Height = 21
Left = 165
ReadOnly = .T.
Top = 84
Width = 269
Name = "DENOMINACAO_GEOG"
procedure Refresh
    SELECT DISTINCT ;
        par0010.denominacao FROM par0010;
    INTO ARRAY nomet ;
    WHERE CTRV0010.item_geogr =
par0010.uf;

Thisform.DENOMINACAO_GEOG.Value=
nomet(1,1)

ENDPROC
AutoSize = .T.
Caption = "-"
Left = 144
Top = 135
Visible = .T.
Width = 4
Name = "Embossedlabel3"
AutoSize = .T.
Caption = "-"
Left = 166
Top = 135
Visible = .T.
Width = 4
Name = "Embossedlabel4"
AutoSize = .T.
Caption = "-"
Left = 193
Top = 135
Visible = .T.
Width = 4
Name = "Embossedlabel5"
AutoSize = .T.
Caption = "-"
Left = 227
Top = 135
Visible = .T.
Width = 4
Name = "Embossedlabel6"
AutoSize = .T.
FontBold = .T.
FontName = "Times New Roman"
FontSize = 16
Caption = "Custo com Equipamentos"
Left = 14
Top = 43
Visible = .T.
Width = 227
Name = "Embossedlabel1"
Top = 11
Left = 575
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40250 IN Screen
ENDPROC
ColumnCount = 8
DeleteMark = .f.
DragMode = 0
Height = 190

```

```

Left = 8
MousePointer = 0
Panel = 1
PanelLink = .T.
Partition = 0
ReadOnly = .f.
RecordMark = .f.
RecordSource = "ctrv0020"
ScrollBars = 3
Top = 185
View = 0
Width = 595
Name = "Grid1"
Column1.Bound = .f.
Column1.ControlSource =
"ctrv0020.equipamento"
Column1.Width = 50
Column1.ReadOnly = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource =
"ctrv0020.descricao"
Column2.Width = 180
Column2.ReadOnly = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"ctrv0020.quantidade"
Column3.Width = 90
Column3.ReadOnly = .T.
Column3.Sparse = .f.
Column3.Name = "Column3"
Column4.Bound = .T.
Column4.ControlSource =
"ctrv0020.utilizacao*100"
Column4.Width = 75
Column4.ReadOnly = .T.
Column4.Sparse = .f.
Column4.Name = "Column4"
Column5.Bound = .T.
Column5.ControlSource = "(1-
ctrv0020.utilizacao)*100"
Column5.Width = 75
Column5.ReadOnly = .T.
Column5.Sparse = .f.
Column5.Name = "Column5"
Column6.Bound = .T.
Column6.ColumnOrder = 7
Column6.ControlSource =
"ctrv0020.hora_operas"
Column6.Width = 100
Column6.ReadOnly = .T.
Column6.Sparse = .f.
Column6.Name = "Column6"
Column7.Bound = .T.
Column7.ColumnOrder = 8
Column7.ControlSource =
"ctrv0020.hora_parado"
Column7.Width = 100
Column7.ReadOnly = .T.
Column7.Sparse = .f.
Column7.Name = "Column7"
Column8.Bound = .T.
Column8.ColumnOrder = 6
Column8.ControlSource =
"ROUND(ctrv0020.quantidade*((ctrv0020.ut
ilizacao*ctrv0020.hora_operas) + ((1-
ctrv0020.utilizacao)*ctrv0020.hora_parado)),
2)"
Column8.Width = 100
Column8.ReadOnly = .T.
Column8.Sparse = .f.
Column8.Name = "Column8"
Alignment = 2
Caption = "Equip"
Name = "Header1"

```

```

BackColor = 255,255,255
BorderStyle = 0
ControlSource = ""
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Classe de Equipamento"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = ""
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Quant"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "ctrv0020.quantidade"
ForeColor = 0,0,0
Format = ""
InputMask = "999,999.9999"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "% Util Prod"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Format = ""
InputMask = "999.9999"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "% Util Impr"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Format = ""
InputMask = "999.9999"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Custo Operativo"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
InputMask = "99,999,999.9999"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Improdutivo"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
InputMask = "99,999,999.9999"
Margin = 0
ReadOnly = .T.

```

```

ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Custo Horário"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
InputMask = "99,999,999.9999"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
AutoSize = .T.
FontBold = .T.
Caption = "Tipo de Obra:"
Left = 10
Top = 113
Visible = .T.
Width = 73
Name = "Embossedlabel9"
FontSize = 8
ControlSource = ""
Enabled = .f.
Height = 21
Left = 126
ReadOnly = .T.
Top = 109
Width = 308
Name = "Tipo_Obra"
procedure Refresh
    SELECT DISTINCT ;
        obra.Nome_obra FROM obra;
    INTO ARRAY nomet ;
        WHERE CTRV0010.cod_grupo =
obra.tipo_obra;

    Thisform.tipo_obra.Value=nomet(1,1)

ENDPROC
Top = 393
Left = 527
Height = 29
Width = 73
Caption = "Fechar"
Name = "Voltar"
procedure Click
    Thisform.release
ENDPROC

*****

I.64 FORMSCTR\TCTR0322.SCX

Left = 0
Top = 0
Width = 792
Height = 451
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 113
Height = 135
Alias = "ctrv0010"
Database = ..\sicro.dbc
CursorSource = "ctrv0010"
Name = "Cursor1"
procedure Init
    sele CTRV0010
    set FILTER to
CTRV0010.controle=xdetcontrol
GO Top
ENDPROC
Left = 160
Top = 10
Width = 119
Height = 139

```

```

Alias = "ctrv0030"
Database = ..\sicro.dbc
CursorSource = "ctrv0030"
Name = "Cursor2"
Left = 63
Top = 209
Width = 90
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor3"
ParentAlias = "ctrv0010"
RelationalExpr = "item_geogr"
ChildAlias = "par0010"
ChildOrder = "iuf"
Name = "Relation1"
Left = 440
Top = 10
Width = 90
Height = 90
Alias = "obra"
CursorSource = ..\TABELAS\obra.dbf
Name = "Cursor4"
ScaleMode = 3
Height = 449
Width = 638
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0322"
Visible = .f.
HelpContextID = 40260
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TCTR0322"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "SHAPE2"
layoutsty.Shape3.Name = "SHAPE3"
layoutsty.Shape4.Name = "SHAPE4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "LAYOUTSTY"
Label1.Caption = "Custo Unitário de
Atividades / Serviços"
Label1.Width = 462
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 10
Shape1.Top = 70
Shape1.Width = 619
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 10
Shape2.Top = 71
Shape2.Width = 619
Shape2.Name = "SHAPE2"
Shape3.Left = 7
Shape3.Top = 409
Shape3.Width = 657
Shape3.Name = "SHAPE3"
Shape4.Left = 7
Shape4.Top = 410
Shape4.Width = 657
Shape4.Name = "SHAPE4"
procedure bot_refresca
with Thisform
.Refresh
Endwith

ENDPROC
procedure Init
Parameter xdetcontrol

PUBLIC ARRAY nomet(1,2)
PUBLIC parcontrol

parcontrol=xdetcontrol

sele CTRV0030
set FILTER to controle3 = parcontrol
GO Top

ENDPROC
AutoSize = .T.
FontBold = .T.
Caption = "UF / Região:"
Left = 10
Top = 83
Visible = .T.
Width = 62
Name = "LBLITEM_GEOGR1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.item_geogr"
Enabled = .f.
InputMask = "XX"
Left = 126
ReadOnly = .T.
Top = 79
Visible = .T.
Width = 30
Name = "ITEM_GEOGR1"
AutoSize = .T.
Caption = "-"
Left = 158
Top = 81
Visible = .T.
Width = 4
Name = "LBLPESQUISA1"
FontBold = .T.
Alignment = 2
Value = { / / }
ControlSource = "ctrv0010.pesquisa"
Enabled = .f.
Height = 21
Left = 572
ReadOnly = .T.
Top = 79
Visible = .T.
Width = 60
Name = "PESQUISA1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_grupo"
Enabled = .f.
InputMask = "X"
Left = 126
ReadOnly = .T.
Top = 128
Visible = .T.
Width = 20
Name = "COD_GRUPO1"
AutoSize = .T.
FontBold = .T.
Caption = "Atividade / Serviço:"
Left = 10
Top = 130
Visible = .T.
Width = 104
Name = "LBLCOD_COMPOSICAO1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_compos"
Enabled = .f.
InputMask = "X"

Left = 150
ReadOnly = .T.
Top = 128
Visible = .T.
Width = 20
Name = "COD_COMPOSICAO1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_tipo"
Enabled = .f.
Height = 21
InputMask = "XX"
Left = 174
ReadOnly = .T.
Top = 128
Visible = .T.
Width = 26
Name = "COD_TIPO1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.classe_ser"
Enabled = .f.
Height = 21
InputMask = "XXXX"
Left = 204
ReadOnly = .T.
Top = 128
Visible = .T.
Width = 36
Name = "CLASSE_SERV1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_ident"
Enabled = .f.
InputMask = "XX"
Left = 244
ReadOnly = .T.
Top = 128
Visible = .T.
Width = 26
Name = "COD_IDENT1"
AutoSize = .T.
FontBold = .T.
Caption = "Custo da Mão-de-Obra:"
Height = 16
Left = 356
Top = 156
Visible = .T.
Width = 126
Name = "LBLCUSTO_EQUIP1"
FontBold = .T.
Alignment = 1
Value = $0,0000
ControlSource = "ctrv0010.custo_mao"
Enabled = .f.
Format = "$"
InputMask = "999,999,999.9999"
Left = 498
ReadOnly = .T.
Top = 154
Visible = .T.
Width = 134
Name = "CUSTO_MAO"
FontBold = .T.
Value =
ControlSource = "ctrv0010.denominacao"
Enabled = .f.
Height = 21
InputMask = ""
Left = 280
ReadOnly = .T.
Top = 128
Visible = .T.

```



```

Width = 352
Name = "DENOMINAÇÃO1"
AutoSize = .T.
FontBold = .T.
Caption = "Produção da Equipe:"
Left = 8
Top = 156
Visible = .T.
Width = 111
Name = "LBLPROD_EQUIPE1"
FontBold = .T.
Alignment = 1
Value = 0.0000
ControlSource = "ctrv0010.prod_equipe"
Enabled = .f.
InputMask = "999,999.9999"
Left = 132
ReadOnly = .T.
Top = 154
Visible = .T.
Width = 72
Name = "PROD_EQUIPE1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.und_prod"
Enabled = .f.
InputMask = "XXX"
Left = 205
ReadOnly = .T.
Top = 154
Visible = .T.
Width = 40
Name = "UND_PROD1"
AutoSize = .T.
FontBold = .T.
Caption = "Referência:"
Left = 500
Top = 83
Visible = .T.
Width = 62
Name = "Embossedlabel2"
FontSize = 8
ControlSource = ""
Enabled = .f.
Height = 21
Left = 165
ReadOnly = .T.
Top = 79
Width = 269
Name = "DENOMINACAO_GEOG"
procedure Refresh
    SELECT DISTINCT ;
        par0010.denominacao FROM par0010;
    INTO ARRAY nomet ;
    WHERE CTRV0010.item_geogr =
par0010.uf;

Thisform.DENOMINACAO_GEOG.Value=
nomet(1,1)

ENDPROC
AutoSize = .T.
Caption = "-"
Left = 146
Top = 130
Visible = .T.
Width = 4
Name = "Embossedlabel3"
AutoSize = .T.
Caption = "-"
Left = 170
Top = 130
Visible = .T.
Width = 4
Name = "Embossedlabel4"

```

```

AutoSize = .T.
Caption = "-"
Left = 200
Top = 130
Visible = .T.
Width = 4
Name = "Embossedlabel5"
AutoSize = .T.
Caption = "-"
Left = 240
Top = 130
Visible = .T.
Width = 4
Name = "Embossedlabel6"
AutoSize = .T.
FontBold = .T.
FontName = "Times New Roman"
FontSize = 16
Caption = "Custo com Mão-de-Obra"
Left = 14
Top = 43
Visible = .T.
Width = 222
Name = "Embossedlabel1"
Top = 11
Left = 594
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40260 IN Screen
ENDPROC
ColumnCount = 5
DeleteMark = .f.
Height = 219
Left = 9
ReadOnly = .f.
RecordMark = .f.
RecordSource = "ctrv0030"
ScrollBars = 2
Top = 179
Width = 621
Name = "Grid1"
Column1.Alignment = 2
Column1.Bound = .f.
Column1.ControlSource =
"ctrv0030.mao_de_obra"
Column1.Width = 70
Column1.ReadOnly = .f.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource =
"ctrv0030.descricao"
Column2.Width = 220
Column2.ReadOnly = .f.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"ctrv0030.quantidade"
Column3.Width = 80
Column3.ReadOnly = .f.
Column3.Sparse = .f.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ControlSource =
"ctrv0030.hora_mo"
Column4.Width = 106
Column4.ReadOnly = .f.
Column4.Sparse = .f.
Column4.Name = "Column4"
Column5.Bound = .T.

```

```

Column5.ControlSource =
"ROUND(ctrv0030.quantidade*
ctrv0030.hora_mo, 4)"
Column5.CurrentControl = "Text1"
Column5.Width = 120
Column5.ReadOnly = .f.
Column5.Sparse = .f.
Column5.Name = "Column5"
Alignment = 2
Caption = "Código"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
ControlSource = ""
ForeColor = 0,0,0
Margin = 0
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = ""
ForeColor = 0,0,0
Margin = 0
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Quantidade"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "ctrv0030.quantidade"
ForeColor = 0,0,0
Format = ""
InputMask = "999,999.99"
Margin = 0
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Salário-Hora"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "ctrv0030.hora_mo"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Custo Horário"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
InputMask = "999,999.9999"
Margin = 0
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
AutoSize = .T.
FontBold = .T.
Caption = "Tipo de Obra:"
Left = 10
Top = 107
Visible = .T.
Width = 73
Name = "Embossedlabel9"
FontSize = 8

```

```

ControlSource = ""
Enabled = .f.
Height = 21
Left = 126
ReadOnly = .T.
Top = 103
Width = 308
Name = "fObra"
procedure Refresh
    SELECT DISTINCT ;
        obra.Nome_obra FROM obra;
    INTO ARRAY nomet ;
    WHERE CTRV0010.cod_grupo =
obra.tipo_obra;

```

```

    Thisform.fObra.Value=nomet(1,1)

```

```

ENDPROC

```

```

Top = 416
Left = 548
Height = 29
Width = 73
Caption = "Fechar"
Name = "Voltar"
procedure Click
    Thisform.release
ENDPROC

```

```

*****

```

1.65 FORMSCTR\TCTR0323.SCX

```

Left = 0
Top = 0
Width = 792
Height = 451
Name = "Dataenvironment"
Left = 20
Top = 9
Width = 113
Height = 135
Alias = "ctrv0010"
Database = ..\sicro.dbc
CursorSource = "ctrv0010"
Name = "Cursor1"
procedure Init
    sele CTRV0010
    set FILTER to
CTRV0010.controle=xdetcontrol
    GO Top
ENDPROC
Left = 63
Top = 209
Width = 90
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor3"
ParentAlias = "ctrv0010"
RelationalExpr = "item_geogr"
ChildAlias = "par0010"
ChildOrder = "iuf"
Name = "Relation1"
Left = 440
Top = 10
Width = 90
Height = 90
Alias = "obra"
CursorSource = ..\TABELAS\obra.dbf
Name = "Cursor4"
Left = 200
Top = 192
Width = 138
Height = 123
Alias = "ctrv0040"
Database = ..\sicro.dbc

```

```

CursorSource = "ctrv0040"
Name = "Cursor5"
ScaleMode = 3
Height = 449
Width = 638
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0323"
Visible = .f.
HelpContextID = 40270
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TCTR0323"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "SHAPE2"
layoutsty.Shape3.Name = "SHAPE3"
layoutsty.Shape4.Name = "SHAPE4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "LAYOUTSTY"
Label1.Caption = "Custo Unitário de
Atividades / Serviços"
Label1.Width = 462
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 10
Shape1.Top = 70
Shape1.Width = 619
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 10
Shape2.Top = 71
Shape2.Width = 619
Shape2.Name = "SHAPE2"
Shape3.Left = 7
Shape3.Top = 409
Shape3.Width = 657
Shape3.Name = "SHAPE3"
Shape4.Left = 7
Shape4.Top = 410
Shape4.Width = 657
Shape4.Name = "SHAPE4"
procedure bot_refresca
    with Thisform
        .Refresh
    Endwith
ENDPROC
procedure Init
    Parameter xdetcontrol

    PUBLIC ARRAY nomet(1,2)
    PUBLIC parcontrol

    parcontrol=xdetcontrol

    sele CTRV0040
    set FILTER to controle4 = parcontrol
    GO Top
ENDPROC
AutoSize = .T.
FontBold = .T.
Caption = "UF / Região:"
Left = 10
Top = 83
Visible = .T.
Width = 62
Name = "LBLITEM_GEOGR1"
FontBold = .T.
Value =

```

```

ControlSource = "ctrv0010.item_geogr"
Enabled = .f.
InputMask = "XX"
Left = 126
ReadOnly = .T.
Top = 79
Visible = .T.
Width = 30
Name = "ITEM_GEOGR1"
AutoSize = .T.
Caption = "-"
Left = 158
Top = 81
Visible = .T.
Width = 4
Name = "LBLPESQUISA1"
FontBold = .T.
Alignment = 2
Value = { / / }
ControlSource = "ctrv0010.pesquisa"
Enabled = .f.
Height = 21
Left = 565
ReadOnly = .T.
Top = 79
Visible = .T.
Width = 60
Name = "PESQUISA1"
AutoSize = .T.
FontBold = .T.
Caption = "Atividade / Serviço:"
Left = 10
Top = 130
Visible = .T.
Width = 104
Name = "LBLCOD_COMPOSICAO1"
AutoSize = .T.
FontBold = .T.
Caption = "Custo dos Materiais:"
Height = 16
Left = 348
Top = 156
Visible = .T.
Width = 114
Name = "LBLCUSTO_EQUIP1"
FontBold = .T.
Alignment = 1
Value = $0,00
ControlSource = "ctrv0010.custo_mate"
Enabled = .f.
Format = "$"
InputMask = "999,999,999.9999"
Left = 491
ReadOnly = .T.
Top = 154
Visible = .T.
Width = 134
Name = "CUSTO_MAO"
AutoSize = .T.
FontBold = .T.
Caption = "Produção da Equipe:"
Left = 8
Top = 156
Visible = .T.
Width = 111
Name = "LBLPROD_EQUIPE1"
FontBold = .T.
Alignment = 1
Value = 0.0000
ControlSource = "ctrv0010.prod_equipe"
Enabled = .f.
InputMask = "999,999.9999"
Left = 126
ReadOnly = .T.
Top = 154
Visible = .T.

```

```

Width = 72
Name = "PROD_EQUIPE1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.und_prod"
Enabled = .f.
InputMask = "XXX"
Left = 205
ReadOnly = .T.
Top = 154
Visible = .T.
Width = 40
Name = "UND_PROD1"
AutoSize = .T.
FontBold = .T.
Caption = "Referência:"
Left = 496
Top = 83
Visible = .T.
Width = 62
Name = "Embossedlabel2"
FontSize = 8
ControlSource = ""
Enabled = .f.
Height = 21
Left = 165
ReadOnly = .T.
Top = 79
Width = 269
Name = "DENOMINACAO_GEOG"
procedure Refresh
    SELECT DISTINCT ;
        par0010.denominacao FROM par0010;
    INTO ARRAY nomet ;
        WHERE CTRV0010.item_geogr =
par0010.uf;

Thisform.DENOMINACAO_GEOG.Value=
nomet(1,1)

ENDPROC
AutoSize = .T.
FontBold = .T.
FontName = "Times New Roman"
FontSize = 16
Caption = "Custo com Materiais"
Left = 14
Top = 43
Visible = .T.
Width = 184
Name = "Embossedlabel1"
Top = 11
Left = 594
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40270 IN Screen
ENDPROC
ColumnCount = 5
DeleteMark = .f.
Height = 219
Left = 11
ReadOnly = .f.
RecordMark = .f.
RecordSource = "ctrv0040"
ScrollBars = 2
Top = 179
Width = 617
Name = "Grid1"
Column1.Alignment = 2
Column1.Bound = .f.

```

```

Column1.ControlSource =
"ctrv0040.material"
Column1.Width = 70
Column1.ReadOnly = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource =
"ctrv0040.nome_mat"
Column2.Width = 220
Column2.ReadOnly = .f.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"ctrv0040.quantidade"
Column3.Width = 80
Column3.ReadOnly = .T.
Column3.Sparse = .f.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ControlSource = ""
Column4.Width = 106
Column4.ReadOnly = .T.
Column4.Sparse = .f.
Column4.Name = "Column4"
Column5.Bound = .T.
Column5.ControlSource =
"ROUND(ctrv0040.quantidade*ctrv0040.val
or_mat, 4)"
Column5.CurrentControl = "Text1"
Column5.Width = 116
Column5.ReadOnly = .T.
Column5.Sparse = .f.
Column5.Name = "Column5"
Alignment = 2
Caption = "Código"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "ctrv0040.material"
ForeColor = 0,0,0
InputMask = "XXXX"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "ctrv0040.nome_mat"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Quantidade"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "ctrv0040.quantidade"
ForeColor = 0,0,0
Format = ""
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Preço Unitário"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "ctrv0040.valor_mat"

```

```

ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Custo Total"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value = $
ForeColor = 0,0,0
InputMask = "99,999,999.9999"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
AutoSize = .T.
FontBold = .T.
Caption = "Tipo de Obra:"
Left = 10
Top = 107
Visible = .T.
Width = 73
Name = "Embossedlabel9"
FontSize = 8
ControlSource = ""
Enabled = .f.
Height = 21
Left = 126
ReadOnly = .T.
Top = 103
Width = 308
Name = "fObra"
procedure Refresh
    SELECT DISTINCT ;
        obra.Nome_obra FROM obra;
    INTO ARRAY nomet ;
        WHERE CTRV0010.cod_grupo =
obra.tipo_obra;

Thisform.fObra.Value=nomet(1,1)

ENDPROC
Top = 416
Left = 548
Height = 29
Width = 73
Caption = "Fechar"
Name = "Voltar"
procedure Click
    Thisform.release
ENDPROC
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_grupo"
Enabled = .f.
InputMask = "X"
Left = 126
ReadOnly = .T.
Top = 129
Visible = .T.
Width = 20
Name = "COD_GRUPO1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_compos"
Enabled = .f.
InputMask = "X"
Left = 150
ReadOnly = .T.
Top = 129
Visible = .T.

```

```

Width = 20
Name = "COD_COMPOSICAO1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_tipo"
Enabled = .f.
Height = 21
InputMask = "XX"
Left = 174
ReadOnly = .T.
Top = 129
Visible = .T.
Width = 26
Name = "COD_TIPO1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.classe_ser"
Enabled = .f.
Height = 21
InputMask = "XXX"
Left = 204
ReadOnly = .T.
Top = 129
Visible = .T.
Width = 36
Name = "CLASSE_SERV1"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "ctrv0010.cod_ident"
Enabled = .f.
InputMask = "XX"
Left = 244
ReadOnly = .T.
Top = 129
Visible = .T.
Width = 26
Name = "COD_IDENT1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.denominacao"
Enabled = .f.
Height = 21
InputMask = ""
Left = 273
ReadOnly = .T.
Top = 129
Visible = .T.
Width = 352
Name = "DENOMINACAO1"
AutoSize = .T.
Caption = "-"
Left = 146
Top = 131
Visible = .T.
Width = 4
Name = "Embossedlabel3"
AutoSize = .T.
Caption = "-"
Left = 170
Top = 131
Visible = .T.
Width = 4
Name = "Embossedlabel4"
AutoSize = .T.
Caption = "-"
Left = 200
Top = 131
Visible = .T.
Width = 4
Name = "Embossedlabel5"
AutoSize = .T.
Caption = "-"
Left = 240

```

```

Top = 131
Visible = .T.
Width = 4
Name = "Embossedlabel6"
*****
L.66 FORMSCTR\TCTR0324.SCX
Left = 0
Top = 0
Width = 792
Height = 451
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "ctrv0010"
Database = ..\sicro.dbc
CursorSource = "ctrv0010"
Name = "Cursor1"
procedure Init
    sele CTRV0010
    set FILTER to
    CTRV0010.controle=xdetcontrol
    GO Top
ENDPROC
Left = 159
Top = 10
Width = 179
Height = 252
Alias = "ctrv0050"
Database = ..\sicro.dbc
CursorSource = "ctrv0050"
Name = "Cursor2"
Left = 34
Top = 171
Width = 90
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor3"
ParentAlias = "ctrv0010"
RelationalExpr = "item_geogr"
ChildAlias = "par0010"
ChildOrder = "iuf"
Name = "Relation1"
Left = 440
Top = 10
Width = 90
Height = 90
Alias = "obra"
CursorSource = ..\TABELAS\obra.dbf
Name = "Cursor4"
ScaleMode = 3
Height = 449
Width = 643
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0324"
Visible = .f.
HelpContextID = 40280
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TCTR0324"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "SHAPE2"
layoutsty.Shape3.Name = "SHAPE3"
layoutsty.Shape4.Name = "SHAPE4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205

```

```

layoutsty.Visible = .f.
layoutsty.Name = "LAYOUTSTY"
Label1.Caption = "Custo Unitário de
Atividades / Serviços"
Label1.Width = 462
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 10
Shape1.Top = 70
Shape1.Width = 619
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 10
Shape2.Top = 71
Shape2.Width = 619
Shape2.Name = "SHAPE2"
Shape3.Left = 7
Shape3.Top = 409
Shape3.Width = 657
Shape3.Name = "SHAPE3"
Shape4.Left = 7
Shape4.Top = 410
Shape4.Width = 657
Shape4.Name = "SHAPE4"
procedure bot_refresca
    with Thisform
        .Refresh
    Endwith
ENDPROC
procedure Init
    Parameter xdetcontrol
    PUBLIC ARRAY nomet(1,2)
    PUBLIC parcontrol
    parcontrol=xdetcontrol
    sele ctrv0050
    set FILTER to controle5 = parcontrol
    GO Top
ENDPROC
AutoSize = .T.
FontBold = .T.
Caption = "UF / Região:"
Left = 10
Top = 83
Visible = .T.
Width = 62
Name = "LBLITEM_GEOGR1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.item_geogr"
Enabled = .f.
InputMask = "XX"
Left = 126
ReadOnly = .T.
Top = 79
Visible = .T.
Width = 30
Name = "ITEM_GEOGR1"
AutoSize = .T.
Caption = "-"
Left = 158
Top = 81
Visible = .T.
Width = 4
Name = "LBLPESQUISA1"
FontBold = .T.
Alignment = 2
Value = { / / }
ControlSource = "ctrv0010.pesquisa"
Enabled = .f.
Height = 21
Left = 570

```

ReadOnly = .T.
 Top = 79
 Visible = .T.
 Width = 60
 Name = "PESQUISA1"
 FontBold = .T.
 Alignment = 2
 Value =
 ControlSource = "ctrv0010.cod_grupo"
 Enabled = .f.
 InputMask = "X"
 Left = 126
 ReadOnly = .T.
 Top = 128
 Visible = .T.
 Width = 20
 Name = "COD_GRUPO1"
 AutoSize = .T.
 FontBold = .T.
 Caption = "Atividade / Serviço:"
 Left = 10
 Top = 130
 Visible = .T.
 Width = 104
 Name = "LBLECOD_COMPOSICAO1"
 FontBold = .T.
 Alignment = 2
 Value =
 ControlSource = "ctrv0010.cod_compos"
 Enabled = .f.
 InputMask = "X"
 Left = 150
 ReadOnly = .T.
 Top = 128
 Visible = .T.
 Width = 20
 Name = "COD_COMPOSICAO1"
 FontBold = .T.
 Alignment = 2
 Value =
 ControlSource = "ctrv0010.cod_tipo"
 Enabled = .f.
 InputMask = "XX"
 Left = 174
 ReadOnly = .T.
 Top = 128
 Visible = .T.
 Width = 30
 Name = "COD_TIPO1"
 FontBold = .T.
 Alignment = 2
 Value =
 ControlSource = "ctrv0010.classe_ser"
 Enabled = .f.
 InputMask = "XXX"
 Left = 210
 ReadOnly = .T.
 Top = 128
 Visible = .T.
 Width = 40
 Name = "CLASSE_SERV1"
 FontBold = .T.
 Alignment = 2
 Value =
 ControlSource = "ctrv0010.cod_ident"
 Enabled = .f.
 InputMask = "XX"
 Left = 255
 ReadOnly = .T.
 Top = 128
 Visible = .T.
 Width = 30
 Name = "COD_IDENT1"
 AutoSize = .T.
 FontBold = .T.
 Caption = "Custo da Composição:"

Height = 16
 Left = 348
 Top = 155
 Visible = .T.
 Width = 124
 Name = "LBLECUSTO_EQUIP1"
 FontBold = .T.
 Alignment = 1
 Value =
 ControlSource = "ctrv0010.custo_comp"
 Enabled = .f.
 Format = "\$"
 InputMask = "999,999,999.9999"
 Left = 496
 ReadOnly = .T.
 Top = 153
 Visible = .T.
 Width = 134
 Name = "CUSTO_COMP"
 FontBold = .T.
 Value =
 ControlSource = "ctrv0010.denominacao"
 Enabled = .f.
 Height = 21
 InputMask = ""
 Left = 289
 ReadOnly = .T.
 Top = 128
 Visible = .T.
 Width = 341
 Name = "DENOMINAÇÃO1"
 AutoSize = .T.
 FontBold = .T.
 Caption = "Produção da Equipe:"
 Left = 8
 Top = 155
 Visible = .T.
 Width = 111
 Name = "LBLEPROD_EQUIPE1"
 FontBold = .T.
 Alignment = 1
 Value = 0.0000
 ControlSource = "ctrv0010.prod_equipe"
 Enabled = .f.
 InputMask = "999,999.9999"
 Left = 127
 ReadOnly = .T.
 Top = 153
 Visible = .T.
 Width = 72
 Name = "PROD_EQUIPE1"
 FontBold = .T.
 Value =
 ControlSource = "ctrv0010.und_prod"
 Enabled = .f.
 InputMask = "XXX"
 Left = 205
 ReadOnly = .T.
 Top = 153
 Visible = .T.
 Width = 40
 Name = "UND_PROD1"
 AutoSize = .T.
 FontBold = .T.
 Caption = "Referência:"
 Left = 496
 Top = 83
 Visible = .T.
 Width = 62
 Name = "Embossedlabel2"
 FontSize = 8
 ControlSource = ""
 Enabled = .f.
 Height = 21
 Left = 165
 ReadOnly = .T.

Top = 79
 Width = 269
 Name = "DENOMINACAO_GEOG"
 procedure Refresh
 SELECT DISTINCT ;
 par0010.denominacao FROM par0010;
 INTO ARRAY nomet ;
 WHERE CTRV0010.item_geogr =
 par0010.uf;

 Thisform.DENOMINACAO_GEOG.Value=
 nomet(1,1)

 ENDPROC
 AutoSize = .T.
 Caption = "-"
 Left = 146
 Top = 130
 Visible = .T.
 Width = 4
 Name = "Embossedlabel3"
 AutoSize = .T.
 Caption = "-"
 Left = 170
 Top = 130
 Visible = .T.
 Width = 4
 Name = "Embossedlabel4"
 AutoSize = .T.
 Caption = "-"
 Left = 205
 Top = 130
 Visible = .T.
 Width = 4
 Name = "Embossedlabel5"
 AutoSize = .T.
 Caption = "-"
 Left = 250
 Top = 130
 Visible = .T.
 Width = 4
 Name = "Embossedlabel6"
 AutoSize = .T.
 FontBold = .T.
 FontName = "Times New Roman"
 FontSize = 16
 Caption = "Custo da Composição de
 Atividades"
 Left = 14
 Top = 43
 Visible = .T.
 Width = 319
 Name = "Embossedlabel1"
 Top = 11
 Left = 594
 Height = 26
 Width = 28
 Picture = ..\IMAGENS\HELP.bmp
 Caption = ""
 DisabledForeColor = 128,128,128
 Name = "auxilio"
 procedure Click
 HELP ID 40280 IN Screen
 ENDPROC
 ColumnCount = 5
 DeleteMark = .f.
 Height = 219
 Left = 3
 RecordMark = .f.
 RecordSource = "ctrv0050"
 ScrollBars = 2
 Top = 179
 Width = 637
 Name = "Grid1"
 Column1.Alignment = 2

```

Column1.Bound = .f.
Column1.ControlSource =
"ctrv0050.cod_grupo_c+
ctrv0050.cod_composicao_c+
ctrv0050.cod_tipo_c+
ctrv0050.classe_serv_c+
ctrv0050.cod_ident_c"
Column1.Width = 80
Column1.ReadOnly = .T.
Column1.Sparse = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource =
"ctrv0050.denominacao"
Column2.Width = 245
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"ctrv0050.quantidade"
Column3.ReadOnly = .T.
Column3.Sparse = .f.
Column3.Name = "Column3"
Column4.Bound = .T.
Column4.ControlSource = ""
Column4.Width = 106
Column4.ReadOnly = .T.
Column4.Sparse = .f.
Column4.Name = "Column4"
Column5.ControlSource =
"ctrv0050.custo_atividade"
Column5.Width = 106
Column5.ReadOnly = .T.
Column5.Sparse = .f.
Column5.Name = "Column5"
Alignment = 2
Caption = "Código"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
ControlSource = ""
ForeColor = 0,0,0
InputMask = "XXXXXXXXXX"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = ""
ForeColor = 0,0,0
Margin = 0
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Quantidade"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "ctrv0050.quantidade"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Custo Atividade"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Format = "$"

InputMask = "99,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Total Atividade"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Format = "$"
InputMask = "99,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
AutoSize = .T.
FontBold = .T.
Caption = "Tipo de Obra:"
Left = 10
Top = 107
Visible = .T.
Width = 73
Name = "Embossedlabel9"
FontSize = 8
ControlSource = ""
Enabled = .f.
Height = 21
Left = 126
ReadOnly = .T.
Top = 103
Width = 308
Name = "Tipo_Obra"
procedure Refresh
    SELECT DISTINCT ;
        obra.Nome_obra FROM obra;
    INTO ARRAY nomet ;
    WHERE CTRV0010.cod_grupo =
        obra.tipo_obra;

    Thisform.tipo_obra.Value=nomet(1,1)

ENDPROC
Top = 415
Left = 547
Height = 29
Width = 73
Caption = "Fechar"
Name = "Voltar"
procedure Click
    Thisform.release
ENDPROC

*****

1.67 FORMSCTR\TCTR0325.SCX

Left = 0
Top = 0
Width = 792
Height = 451
Name = "Dataenvironment"
Left = 456
Top = 6
Width = 115
Height = 128
Alias = "ser0060"
Database = ..\sicro.dbc
CursorSource = "ser0060"
Name = "Cursor5"
Left = 252
Top = 42
Width = 152
Height = 171
Alias = "ctrv0010"
Database = ..\sicro.dbc

CursorSource = "ctrv0010"
Name = "Cursor1"
procedure Init
    sele CTRV0010
    set FILTER to
    CTRV0010.controle=xdetcontrol
    GO Top
ENDPROC
ParentAlias = "ctrv0010"
RelationalExpr = "codigov"
ChildAlias = "ser0060"
ChildOrder = "iatvser"
Name = "Relation1"
Left = 63
Top = 26
Width = 90
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor2"
ParentAlias = "ctrv0010"
RelationalExpr = "item_geogr"
ChildAlias = "par0010"
ChildOrder = "iuf"
Name = "Relation3"
Left = 71
Top = 199
Width = 90
Height = 90
Alias = "obra"
CursorSource = ..\TABELAS\obra.dbf
Name = "Cursor3"
Left = 642
Top = 30
Width = 90
Height = 90
Alias = "mat0020"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "Cursor4"
ParentAlias = "ser0060"
RelationalExpr = "material"
ChildAlias = "mat0020"
ChildOrder = "imaterial"
Name = "Relation4"
Left = 455
Top = 204
Width = 196
Height = 176
Alias = "serv0070"
Database = ..\sicro.dbc
CursorSource = "serv0070"
Name = "Cursor6"
procedure Init
    sele serv0070

    set FILTER to codigo70 =
    SUBSTR(xdetcontrol,11,9)

ENDPROC
ScaleMode = 3
Height = 449
Width = 700
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0325"
Visible = .f.
HelpContextID = 40290
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TCTR0325"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "SHAPE2"

```

```

layoutsty.Shape3.Name = "SHAPE3"
layoutsty.Shape4.Name = "SHAPE4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "LAYOUTSTY"
Label1.Caption = "Custo Unitário de
Atividades / Serviços: Transportes"
Label1.Left = 12
Label1.Top = 5
Label1.Width = 621
Label1.TabIndex = 2
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 7
Shape1.Top = 41
Shape1.Width = 684
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 7
Shape2.Top = 42
Shape2.Width = 684
Shape2.Name = "SHAPE2"
Shape3.Height = 1
Shape3.Left = 7
Shape3.Top = 412
Shape3.Width = 684
Shape3.Name = "SHAPE3"
Shape4.Height = 1
Shape4.Left = 7
Shape4.Top = 413
Shape4.Width = 684
Shape4.Name = "SHAPE4"
procedure bot_refresca
    with Thisform
        .Refresh
    Endwith
ENDPROC
procedure Init
    Parameter xdetcontrol

    PUBLIC ARRAY nomet(1,2)
    PUBLIC parcontrol

    parcontrol=xdetcontrol

    sele CTRV0010
    set FILTER to controle = parcontrol
    GO Top

ENDPROC
ColumnCount = 3
DeleteMark = .f.
Height = 114
Left = 124
Panel = 1
ReadOnly = .f.
RecordMark = .f.
RecordSource = "serv0070"
ScrollBars = 2
TabIndex = 23
Top = 283
Width = 453
Name = "Grid2"
Column1.Bound = .f.
Column1.ControlSource =
"serv0070.codigo7c"
Column1.Width = 80
Column1.ReadOnly = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource =
"serv0070.denominacao"
Column2.Width = 250
Column2.ReadOnly = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"serv0070.quantidade"
Column3.Width = 100
Column3.ReadOnly = .T.
Column3.Name = "Column3"
Alignment = 2
Caption = "Código"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = ""
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominacao"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = ""
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Consumo"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = ""
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
AutoSize = .T.
FontBold = .T.
Caption = "UF / Região:"
Left = 10
Top = 50
Visible = .T.
Width = 62
TabIndex = 3
Name = "LBLITEM_GEOGR1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.item_geogr"
Enabled = .f.
InputMask = "XX"
Left = 126
ReadOnly = .T.
TabIndex = 4
Top = 46
Visible = .T.
Width = 30
Name = "ITEM_GEOGR1"
AutoSize = .T.
Caption = "-"
Left = 158
Top = 48
Visible = .T.
Width = 4
TabIndex = 5
Name = "LBLPESQUISA1"
FontBold = .T.
Alignment = 2
Value = { / / }
ControlSource = "ctrv0010.pesquisa"
Enabled = .f.
Height = 21
Left = 530
ReadOnly = .T.
TabIndex = 7
Top = 46
Visible = .T.
Width = 60
Name = "PESQUISA1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.cod_grupo"
Enabled = .f.
InputMask = "X"
Left = 126
ReadOnly = .T.
TabIndex = 14
Top = 93
Visible = .T.
Width = 20
Name = "COD_GRUPO1"
AutoSize = .T.
FontBold = .T.
Caption = "Atividade / Serviço:"
Left = 10
Top = 95
Visible = .T.
Width = 104
TabIndex = 13
Name = "LBLCOD_COMPOSICAO1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.cod_compos"
Enabled = .f.
InputMask = "X"
Left = 150
ReadOnly = .T.
TabIndex = 15
Top = 93
Visible = .T.
Width = 20
Name = "COD_COMPOSICAO1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.cod_tipo"
Enabled = .f.
Height = 21
InputMask = "XX"
Left = 174
ReadOnly = .T.
TabIndex = 16
Top = 93
Visible = .T.
Width = 30
Name = "COD_TIPO1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.classe_ser"
Enabled = .f.
Height = 21
InputMask = "XXX"
Left = 208
ReadOnly = .T.
TabIndex = 0
Top = 93
Visible = .T.
Width = 36
Name = "CLASSE_SERV1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.cod_ident"
Enabled = .f.
Height = 21
InputMask = "XX"
Left = 248

```

```

ReadOnly = .T.
TabIndex = 0
Top = 93
Visible = .T.
Width = 26
Name = "COD_IDENT1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.denominacao"
Enabled = .f.
Height = 21
InputMask = ""
Left = 290
ReadOnly = .T.
TabIndex = 19
Top = 93
Visible = .T.
Width = 357
Name = "DENOMINACÃO1"
AutoSize = .T.
FontBold = .T.
Caption = "Produção da Equipe:"
Left = 455
Top = 73
Visible = .T.
Width = 111
TabIndex = 10
Name = "LBLPROD_EQUIPE1"
FontBold = .T.
Alignment = 1
Value = 0.0000
ControlSource = "ctrv0010.prod_equipe"
Enabled = .f.
InputMask = "999,999.9999"
Left = 574
ReadOnly = .T.
TabIndex = 11
Top = 69
Visible = .T.
Width = 72
Name = "PROD_EQUIPE1"
FontBold = .T.
Value =
ControlSource = "ctrv0010.und_prod"
Enabled = .f.
InputMask = "XXX"
Left = 652
ReadOnly = .T.
TabIndex = 12
Top = 69
Visible = .T.
Width = 40
Name = "UND_PROD1"
AutoSize = .T.
FontBold = .T.
Caption = "Referência:"
Left = 460
Top = 50
Visible = .T.
Width = 62
TabIndex = 6
Name = "Embossedlabel2"
FontSize = 8
ControlSource = ""
Enabled = .f.
Height = 21
Left = 165
ReadOnly = .T.
TabIndex = 0
Top = 46
Width = 269
Name = "DENOMINACAO_GEOG"
procedure Refresh
    SELECT DISTINCT ;
        par0010.denominacao FROM par0010;
    INTO ARRAY nomet ;

WHERE CTRV0010.item_geogr =
par0010.uf;

Thisform.DENOMINACAO_GEOG.Value=
nomet(1,1)

ENDPROC
AutoSize = .T.
Caption = "-"
Left = 146
Top = 95
Visible = .T.
Width = 4
TabIndex = 0
Name = "Embossedlabel3"
AutoSize = .T.
Caption = "-"
Left = 170
Top = 95
Visible = .T.
Width = 4
TabIndex = 0
Name = "Embossedlabel4"
AutoSize = .T.
Caption = "-"
Left = 204
Top = 95
Visible = .T.
Width = 4
TabIndex = 17
Name = "Embossedlabel5"
AutoSize = .T.
Caption = "-"
Left = 244
Top = 95
Visible = .T.
Width = 4
TabIndex = 18
Name = "Embossedlabel6"
Top = 12
Left = 660
Height = 26
Width = 29
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 24
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40290 IN Screen
ENDPROC
ColumnCount = 3
DeleteMark = .f.
Height = 114
Left = 124
Panel = 1
ReadOnly = .f.
RecordMark = .f.
RecordSource = "ser0060"
ScrollBars = 2
TabIndex = 21
Top = 143
Width = 453
Name = "Grid1"
Column1.Bound = .f.
Column1.ControlSource = "ser0060.material"
Column1.Width = 80
Column1.ReadOnly = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource =
"mat0020.nome_mat"
Column2.Width = 250
Column2.ReadOnly = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"ser0060.quantidade"
Column3.Width = 100
Column3.ReadOnly = .T.
Column3.Name = "Column3"
Alignment = 2
Caption = "Código"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = ""
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Material"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = ""
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Consumo"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = ""
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "A - Transporte de Materiais"
Height = 18
Left = 12
Top = 121
Width = 171
TabIndex = 20
Name = "Label7"
AutoSize = .T.
BackStyle = 0
Caption = "B - Transporte (Outras
Atividades)"
Height = 18
Left = 12
Top = 261
Width = 212
TabIndex = 22
Name = "Label8"
AutoSize = .T.
FontBold = .T.
Caption = "Tipo de Obra:"
Left = 10
Top = 73
Visible = .T.
Width = 73
TabIndex = 8
Name = "Embossedlabel9"
FontSize = 8
ControlSource = ""
Enabled = .f.
Height = 21
Left = 126
ReadOnly = .T.
TabIndex = 9
Top = 69
Width = 308

```



```
Name = "Tipo_Obra"
procedure Refresh
  SELECT DISTINCT ;
    obra.Nome_obra FROM obra;
  INTO ARRAY nomet ;
  WHERE CTRV0010.cod_grupo =
obra.tipo_obra;
```

```
  Thisform.tipo_obra.Value=nomet(1,1)
```

```
ENDPROC
Top = 417
Left = 615
Height = 29
Width = 73
Caption = "Fechar"
TabIndex = 1
Name = "Voltar"
procedure Click
  Thisform.release
ENDPROC
```

```
*****
```

1.68 FORMSCTR\TCTR0330.SCX

```
Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 114
Height = 135
Alias = "wctr0330"
BufferModeOverride = 5
Order = ""
CursorSource = ..\wctr0330.dbf
Name = "Cursor1"
Left = 160
Top = 10
Width = 119
Height = 143
Alias = "ctrv0010"
BufferModeOverride = 5
Database = ..\sicro.dbc
CursorSource = "ctrv0010"
Name = "Cursor2"
ScaleMode = 3
Height = 449
Width = 751
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0330"
Closable = .T.
Visible = .f.
HelpContextID = 40300
icon = ..\dner02.ico
WindowType = 0
LockScreen = .f.
Name = "TCTR0330"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 6
layoutsty.Left = 4009
layoutsty.Width = 561
layoutsty.Height = 253
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "layoutsty"
procedure Init
  parameters dataproc, puf, pObra
```

```
private xobra
xobra=pObra

sele wctr0330

IF reccount() = 0

  =msg(5')
  RETURN .f.

ELSE

  sele CTRV0010

  IF !empty(puf)
  IF !empty(xobra)
    set FILTER to cod_grupo = xobra
and item_geogr = puf and pesquisa =
ctod(dataproc)
  ELSE
    set FILTER to item_geogr = puf
and pesquisa = ctod(dataproc)
  ENDIF
  ELSE
  IF !empty(xobra)
    set FILTER to cod_grupo = xobra
and pesquisa = ctod(dataproc)
  ELSE
    set FILTER to pesquisa =
ctod(dataproc)
  ENDIF
  GO Top
  Thisform.Navega1.cmdNext.Click
  Thisform.Navega1.cmdPrev.Click

ENDIF

ENDPROC
FontName = "Arial"
FontSize = 10
Value =
ControlSource = "wctr0330.uf"
Enabled = .f.
Height = 22
InputMask = "XX"
Left = 132
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 31
Name = "UF1"
FontName = "Arial"
FontSize = 10
Alignment = 3
Value =
ControlSource = "wctr0330.tipo"
Enabled = .f.
InputMask = "X"
Left = 132
ReadOnly = .T.
TabIndex = 0
Top = 81
Visible = .T.
Width = 31
Name = "TIPO1"
FontName = "Arial"
FontSize = 10
Alignment = 2
Value = {01/02/97}
ControlSource = "wctr0330.datap"
```

```
Enabled = .f.
Height = 22
Left = 567
ReadOnly = .T.
TabIndex = 0
Top = 56
Visible = .T.
Width = 77
Name = "DATAP1"
ColumnCount = 6
DeleteMark = .f.
Height = 286
Left = 2
LinkMaster = ""
Panel = 1
ReadOnly = .T.
RecordMark = .f.
RecordSource = "ctrv0010"
RecordSourceType = 1
ScrollBars = 3
TabIndex = 0
tag = "ctrv0010.CHAVE"
Top = 112
Visible = .T.
Width = 748
Comment = "UFDTTIPO"
Name = "Grid1"
Column1.FontName = "MS Sans Serif"
Column1.FontSize = 8
Column1.ControlSource =
"ctrv0010.cod_grupo+
ctrv0010.cod_compos+ ctrv0010.cod_tipo+
ctrv0010.classe_ser+ ctrv0010.cod_ident"
Column1.Width = 71
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.FontName = "MS Sans Serif"
Column2.FontSize = 8
Column2.ControlSource =
"LOWER(ctrv0010.denominacao)"
Column2.Width = 332
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.FontName = "MS Sans Serif"
Column3.FontSize = 8
Column3.Alignment = 2
Column3.ControlSource =
"ctrv0010.und_prod"
Column3.Width = 40
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.ControlSource =
"ctrv0010.custo_dire"
Column4.Width = 93
Column4.ReadOnly = .T.
Column4.Sparse = .f.
Column4.Visible = .T.
Column4.Name = "Column4"
Column5.ControlSource =
"ctrv0010.bonificaca"
Column5.Width = 93
Column5.ReadOnly = .T.
Column5.Sparse = .f.
Column5.Visible = .T.
Column5.Name = "Column5"
Column6.ControlSource =
"ctrv0010.preco_unit"
Column6.Width = 93
Column6.ReadOnly = .T.
Column6.Sparse = .f.
Column6.Visible = .T.
Column6.Name = "Column6"
Alignment = 2
```

Caption = "Código"
 Name = "Header1"
 FontBold = .T.
 FontName = "MS Sans Serif"
 FontSize = 8
 Alignment = 3
 BackColor = 255,255,255
 BorderStyle = 0
 Value = 2
 ForeColor = 0,0,0
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"
 Alignment = 2
 Caption = "Atividade / Serviço de Referência"
 Name = "Header1"
 FontBold = .T.
 FontName = "MS Sans Serif"
 FontSize = 8
 BackColor = 255,255,255
 BorderStyle = 0
 Value = S
 ForeColor = 0,0,0
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"
 Alignment = 2
 Caption = "UND"
 Name = "Header1"
 FontBold = .T.
 FontName = "MS Sans Serif"
 FontSize = 8
 Alignment = 2
 BackColor = 255,255,255
 BorderStyle = 0
 Value = 1
 ForeColor = 0,0,0
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"
 Alignment = 2
 Caption = "Custo Direto"
 Name = "Header1"
 Alignment = 3
 BackColor = 255,255,255
 BorderStyle = 0
 Value = 10
 ForeColor = 0,0,0
 Format = ""
 InputMask = "99,999,999.9999"
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"
 Alignment = 2
 Caption = "L D I "
 Name = "Header1"
 Alignment = 3
 BackColor = 255,255,255
 BorderStyle = 0
 Value = 1
 ForeColor = 0,0,0
 InputMask = "99,999,999.9999"
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"
 Alignment = 2
 Caption = "Custo Total"
 Name = "Header1"
 Alignment = 3
 BackColor = 255,255,255

BorderStyle = 0
 Value =
 ForeColor = 0,0,0
 InputMask = "99,999,999.9999"
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"
 AutoSize = .T.
 FontName = "Times New Roman"
 FontSize = 20
 BackStyle = 0
 Caption = "Resumo do Custo de Atividades / Serviços"
 Height = 34
 Left = 18
 Top = 2
 Width = 492
 TabIndex = 0
 Name = "Label2"
 Top = 6
 Left = 704
 Height = 26
 Width = 28
 Picture = ..\IMAGENS\HELP.bmp
 Caption = ""
 TabIndex = 2
 DisabledForeColor = 128,128,128
 Name = "auxilio"
 procedure Click
 HELP ID 40300 IN Screen
 ENDPROC
 AutoSize = .T.
 FontBold = .T.
 FontSize = 10
 Caption = "UF / Região:"
 Left = 18
 Top = 59
 Visible = .T.
 Width = 78
 TabIndex = 0
 Name = "LBLITEM_GEOGR1"
 AutoSize = .T.
 Caption = "-"
 Left = 166
 Top = 59
 Visible = .T.
 Width = 4
 TabIndex = 0
 Name = "LBLPESQUISA1"
 FontBold = .T.
 FontSize = 10
 Value =
 ControlSource = "wctr0330.nomeob"
 Enabled = .f.
 Height = 22
 InputMask = ""
 Left = 174
 ReadOnly = .T.
 TabIndex = 0
 tag = ""
 Top = 81
 Visible = .T.
 Width = 269
 Comment = ""
 Name = "DENOMINA_GRUPO"
 AutoSize = .T.
 FontBold = .T.
 FontSize = 10
 Caption = "Tipo de Obra:"
 Left = 18
 Top = 84
 Visible = .T.
 Width = 87
 TabIndex = 0
 Name = "LBLCOD_COMPOSICAO1"

AutoSize = .T.
 FontBold = .T.
 FontSize = 10
 Caption = "Referência:"
 Left = 490
 Top = 59
 Visible = .T.
 Width = 73
 TabIndex = 0
 Name = "Embossedlabel2"
 FontSize = 10
 ControlSource = "wctr0330.nomeuf"
 Height = 24
 Left = 173
 ReadOnly = .T.
 TabIndex = 0
 tag = (uf)
 Top = 55
 Width = 269
 Comment = ""
 Name = "DENOMINACAO_GEOG"
 AutoSize = .T.
 Caption = "-"
 Left = 166
 Top = 84
 Visible = .T.
 Width = 4
 TabIndex = 0
 Name = "Embossedlabel3"
 BorderColor = 255,255,255
 Height = 1
 Left = 15
 Top = 45
 Width = 716
 Name = "Shape1"
 BackColor = 128,128,128
 BorderColor = 128,128,128
 Height = 1
 Left = 15
 Top = 46
 Width = 716
 Name = "Shape2"
 BorderColor = 255,255,255
 Height = 1
 Left = 15
 Top = 406
 Width = 716
 Name = "Shape3"
 BackColor = 128,128,128
 BorderColor = 128,128,128
 Height = 1
 Left = 15
 Top = 407
 Width = 716
 Name = "Shape4"
 Top = 417
 Left = 189
 Width = 368
 Height = 27
 TabIndex = 1
 Name = "Navega1"
 cmdPrev.Name = "cmdPrev"
 cmdNext.Name = "cmdNext"
 cmdTop.Name = "cmdTop"
 cmdEnd.Name = "cmdEnd"
 cmdFind.Name = "cmdFind"
 cmdPrint.Name = "cmdPrint"
 cmdExit.Name = "cmdExit"
 cmdAdd.Name = "cmdAdd"
 cmdDelete.Name = "cmdDelete"
 cmdEdit.Name = "cmdEdit"

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Left = 0

```

Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 161
Top = 10
Width = 90
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor1"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "eqp0040"
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor2"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "eqp0010"
Order = "iclasse"
Database = ..\sicro.dbc
CursorSource = "eqp0010"
Name = "Cursor3"
Left = 440
Top = 10
Width = 90
Height = 90
Alias = "pep0040"
Database = ..\sicro.dbc
CursorSource = "pep0040"
Name = "Cursor4"
Left = 580
Top = 10
Width = 90
Height = 90
Alias = "pepv0040"
Database = ..\sicro.dbc
CursorSource = "pepv0040"
Name = "Cursor5"
Left = 160
Top = 130
Width = 90
Height = 90
Alias = "che0010"
Database = ..\sicro.dbc
CursorSource = "che0010"
Name = "Cursor7"
Left = 300
Top = 130
Width = 90
Height = 90
Alias = "che0020"
Database = ..\sicro.dbc
CursorSource = "che0020"
Name = "Cursor8"
Left = 440
Top = 130
Width = 90
Height = 90
Alias = "mat0020"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "Cursor9"
Left = 580
Top = 130
Width = 90
Height = 90
Alias = "mao0010"
Database = ..\sicro.dbc

CursorSource = "mao0010"
Name = "Cursor10"
Left = 24
Top = 139
Width = 90
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor6"
Height = 349
Width = 520
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TCTR0400"
HelpContextID = 40310
icon = ..\IMAGENS\dner02.ico
windowstate = 0
Name = "TCTR0400"
procedure Init
    PUBLIC pSelecao, pClasse, vData

    with Thisform
        .combo_equip.Enabled=.f.
        .combo_equip.Visible=.f.
        .ComboClass.Enabled=.f.
        .ComboClass.Visible=.f.
        .Combo_uf.Enabled=.f.
        .Combo_uf.Visible=.f.
        .Refresh
    Endwith

    vData = ctod(Thisform.combo_data.Value)
    SELECT vData FROM par0010 INTO
    CURSOR rctr0110
    SELECT vData FROM par0010 INTO
    CURSOR rctr0120

ENDPROC
AutoSize = .T.
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Custos Rodoviários:"
Height = 35
Left = 12
Top = 36
Width = 271
TabIndex = 0
Name = "Label1"
Top = 7
Left = 477
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 9
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 40310 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos Rodoviários"
Height = 18
Left = 12
Top = 11
Width = 301
TabIndex = 0
Name = "Label2"

BorderColor = 255,255,255
Height = 1
Left = 10
Top = 104
Width = 498
Name = "Shape1"
BackColor = 128,128,128
BorderStyle = 128,128,128
Height = 1
Left = 10
Top = 105
Width = 498
Name = "Shape2"
Caption = "Equipamentos - "
Height = 1
Left = 64
Top = 295
Width = 13
TabIndex = 8
Name = "Label5"
AutoSize = .T.
FontOutline = .f.
FontSize = 10
FontUnderline = .T.
BackStyle = 0
Caption = "Seleção:"
Height = 18
Left = 14
Top = 123
Width = 56
TabIndex = 0
Name = "Label4"
AutoSize = .T.
FontName = "Arial"
FontSize = 14
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Custo Horário dos Equipamentos"
Height = 25
Left = 11
Top = 72
Width = 308
TabIndex = 0
Name = "Label6"
BoundColumn = 1
ColumnCount = 2
ColumnWidths = "30,350"
RowSourceType = 3
RowSource = 'select eqp0040.equipamento,
rtrim(eqp0040.fabricante) + " / "+
rtrim(eqp0040.modelo) + " / "+
rtrim(eqp0040.tipo_eqp) from eqp0040 into
cursor equip'
DisplayValue =
ControlSource = ""
Height = 24
ColumnLines = .T.
Left = 36
NumberOfElements = 0
TabIndex = 6
Top = 283
Width = 121
Name = "Combo_Equip"
procedure Valid
    sele Eqp0040
    SEEK Thisform.combo_equip.Value
    Thisform.Refresh
ENDPROC
Top = 297
Left = 419
Height = 29
Width = 87
Picture = ..\
Caption = "Fechar"
TabIndex = 10

```

```

DisabledForeColor = 128,128,128
ColorSource = 0
Name = "Cancela"
procedure Click
  sele class
  use
  sele equip
  use
  sele datapesq
  use
  sele rctr0110
  use
  sele rctr0120
  use

```

```

  Thisform.release
ENDPROC
AutoSize = .T.
ButtonCount = 4
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 109
Left = 13
Top = 152
Width = 225
TabIndex = 5
Name = "Opcao"
Option1.BackStyle = 0
Option1.Caption = "Todos os Equipamentos"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 215
Option1.AutoSize = .f.
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Um Equipamento"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 32
Option2.Width = 184
Option2.AutoSize = .f.
Option2.Name = "Option2"
Option3.BackStyle = 0
Option3.Caption = "Uma Classe de Equipamentos"
Option3.Value = 0
Option3.Height = 18
Option3.Left = 5
Option3.Top = 59
Option3.Width = 207
Option3.AutoSize = .f.
Option3.Name = "Option3"
Option4.BackStyle = 0
Option4.Caption = "Uma Unidade da Federação"
Option4.Value = 0
Option4.Height = 18
Option4.Left = 5
Option4.Top = 86
Option4.Width = 197
Option4.AutoSize = .T.
Option4.Name = "Option4"
procedure Valid
  with Thisform
  do CASE
  CASE .opcao.Value=1
    .combo_equip.Enabled=.f.
    .combo_equip.Visible=.f.
    .ComboClass.Enabled=.f.
    .ComboClass.Visible=.f.
    .Combo_uf.Enabled=.f.
    .Combo_uf.Visible=.f.

```

```

CASE .opcao.Value=2
  .combo_equip.Enabled=.T.
  .combo_equip.Visible=.T.
  .ComboClass.Enabled=.f.
  .ComboClass.Visible=.f.
  .Combo_uf.Enabled=.f.
  .Combo_uf.Visible=.f.

CASE .opcao.Value=3
  .combo_equip.Enabled=.f.
  .combo_equip.Visible=.f.
  .ComboClass.Enabled=.T.
  .ComboClass.Visible=.T.
  .Combo_uf.Enabled=.f.
  .Combo_uf.Visible=.f.

CASE .opcao.Value=4
  .combo_equip.Enabled=.f.
  .combo_equip.Visible=.f.
  .ComboClass.Enabled=.f.
  .ComboClass.Visible=.f.
  .Combo_uf.Enabled=.T.
  .Combo_uf.Visible=.T.

ENDCASE
.Refresh
Endwith
ENDPROC
BoundColumn = 1
ColumnCount = 2
ColumnWidths = "30,260"
RowSourceType = 3
RowSource = "select eqp0010.classe,
eqp0010.descricao from EQP0010 into
cursor class"
DisplayValue =
ControlSource = ""
Height = 24
ColumnLines = .T.
Left = 36
NumberOfElements = 0
TabIndex = 0
Top = 283
Width = 121
Name = "ComboClass"
procedure Valid
  sele Eqp0010
  SEEK Thisform.ComboClass.Value Order
1
  Thisform.Refresh

```

```

ENDPROC
Top = 170
Left = 419
Height = 29
Width = 87
Caption = "Composição"
TabIndex = 1
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "Realatorio"
procedure Click
  with Thisform.opcao
  do CASE
  CASE .Value=1
  && todos os equipamentos
  *-----
  SELECT DISTINCT ;
  Eqp0040.classe AS classe,
Eqp0040.equipamento AS equipamento, "1"
AS reg, " " AS codigo, ;
Eqp0010.descricao AS desc_classe, ;
Eqp0040.fabricante AS fabricante,
Eqp0040.modelo AS modelo,
Eqp0040.tipo_eqp AS tipo_eqp, ;
Eqp0040.fonte_energia AS
fonte_energia, Eqp0040.fabricante AS nome,
0000000000 AS qtd, ;
" " AS unidade ;
FROM Eqp0040, Eqp0010 ;
WHERE Eqp0040.classe =
Eqp0010.classe and ;
Eqp0040.equipamento =
Thisform.combo_equip.Value ;
Order BY 1, 2, 3, 4 ;
INTO CURSOR rctr0110 ;

```

```

Eqp0010.descricao AS desc_classe, ;
Eqp0040.fabricante AS fabricante,
Eqp0040.modelo AS modelo,
Eqp0040.tipo_eqp AS tipo_eqp, ;
Eqp0040.fonte_energia AS
fonte_energia, Eqp0040.fabricante AS nome,
0000000000 AS qtd, ;
" " AS unidade ;
FROM Eqp0040, Eqp0010 ;
WHERE Eqp0040.classe =
Eqp0010.classe ;
Order BY 1, 2, 3, 4 ;
INTO CURSOR rctr0110 ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0010.equipamento, "2",
Che0010.mao_de_obra AS codigo, ;
" ", " ", " ", " ", " ", " ",
mao0010.descricao AS nome, ;
Che0010.quantidade, " " ;
FROM Che0010, Eqp0040, mao0010
;
WHERE Che0010.equipamento =
Eqp0040.equipamento and ;
Che0010.mao_de_obra =
mao0010.mao_d_obra ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0020.equipamento, "3",
Che0020.material AS codigo, ;
" ", " ", " ", " ", " ", " ",
MAT0020.Nome_mat AS nome, ;
Che0020.quantidade, MAT0020.undw
AS unidade ;
FROM Che0020, Eqp0040,
MAT0020 ;
WHERE Che0020.equipamento =
Eqp0040.equipamento and ;
Che0020.material =
MAT0020.material ;
UNION ALL ;
SELECT Eqp0040.classe,
eqp0050.equipamento, "4",
eqp0050.componente AS codigo, ;
" ", " ", " ", " ", " ", " ",
1, " " ;
FROM Eqp0040, eqp0050 ;
WHERE ;
eqp0050.equipamento =
Eqp0040.equipamento

do form impressa with "rctr0110"

CASE .Value=2 && seleção de um
equipamento
*-----
SELECT DISTINCT ;
Eqp0040.classe AS classe,
Eqp0040.equipamento AS equipamento, "1"
AS reg, " " AS codigo, ;
Eqp0010.descricao AS desc_classe, ;
Eqp0040.fabricante AS fabricante,
Eqp0040.modelo AS modelo,
Eqp0040.tipo_eqp AS tipo_eqp, ;
Eqp0040.fonte_energia AS
fonte_energia, Eqp0040.fabricante AS nome,
0000000000 AS qtd, ;
" " AS unidade ;
FROM Eqp0040, Eqp0010 ;
WHERE Eqp0040.classe =
Eqp0010.classe and ;
Eqp0040.equipamento =
Thisform.combo_equip.Value ;
Order BY 1, 2, 3, 4 ;
INTO CURSOR rctr0110 ;

```

```

UNION ALL ;
SELECT Eqp0040.classe,
Che0010.equipamento, "2",
Che0010.mao_de_obra AS codigo, ;
" ", " ", " ", " ", " ", " ";
mao0010.descricao AS nome, ;
Che0010.quantidade, " " ;
FROM Che0010, Eqp0040, mao0010
;
WHERE Che0010.equipamento =
Thisform.combo_equip.Value and ;
Che0010.equipamento =
Eqp0040.equipamento and ;
Che0010.mao_de_obra =
mao0010.mao_d_obra ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0020.equipamento, "3",
Che0020.material AS codigo, ;
" ", " ", " ", " ", " ", " ";
MAT0020.Nome_mat AS nome, ;
Che0020.quantidade, MAT0020.undw
AS unidade ;
FROM Che0020, Eqp0040,
MAT0020 ;
WHERE Che0020.equipamento =
Thisform.combo_equip.Value and ;
Che0020.equipamento =
Eqp0040.equipamento and ;
Che0020.material =
MAT0020.material ;
UNION ALL ;
SELECT Eqp0040.classe,
eqp0050.equipamento, "4",
eqp0050.componente AS codigo, ;
" ", " ", " ", " ", " ", " ";
1, " " ;
FROM Eqp0040, eqp0050 ;
WHERE eqp0050.equipamento =
Thisform.combo_equip.Value and ;
eqp0050.equipamento =
Eqp0040.equipamento

```

do form impressa with "rctr0110"

```

CASE .Value=3      && Seleção de
uma classe
*-----
SELECT DISTINCT ;
Eqp0040.classe AS classe,
Eqp0040.equipamento AS equipamento, "1"
AS reg, " " AS codigo, ;
Eqp0010.descricao AS desc_classe, ;
Eqp0040.fabricante AS fabricante,
Eqp0040.modelo AS modelo,
Eqp0040.tipo_eqp AS tipo_eqp, ;
Eqp0040.fonte_energia AS
fonte_energia, Eqp0040.fabricante AS nome,
0000000000 AS qtd, ;
" " AS unidade ;
FROM Eqp0040, Eqp0010 ;
WHERE Eqp0040.classe =
Eqp0010.classe and ;
Eqp0040.classe =
Thisform.ComboClass.Value ;
ORDER BY 1, 2, 3, 4 ;
INTO CURSOR rctr0110 ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0010.equipamento, "2",
Che0010.mao_de_obra AS codigo, ;
" ", " ", " ", " ", " ", " ";
mao0010.descricao AS nome, ;
Che0010.quantidade, " " ;
FROM Che0010, Eqp0040, mao0010
;
WHERE Che0010.equipamento =
Eqp0040.equipamento and ;
Che0010.mao_de_obra =
mao0010.mao_d_obra ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0020.equipamento, "3",
Che0020.material AS codigo, ;
" ", " ", " ", " ", " ", " ";
MAT0020.Nome_mat AS nome, ;
Che0020.quantidade, MAT0020.undw
AS unidade ;
FROM Che0020, Eqp0040,
MAT0020 ;
WHERE Che0020.equipamento =
Eqp0040.equipamento and ;
Che0020.material =
MAT0020.material ;
UNION ALL ;
SELECT Eqp0040.classe,
eqp0050.equipamento, "4",
eqp0050.componente AS codigo, ;
" ", " ", " ", " ", " ", " ";
1, " " ;
FROM Eqp0040, eqp0050 ;
WHERE eqp0050.equipamento =
Eqp0040.equipamento

```

do form impressa with "rctr0110"

```

FROM Che0010, Eqp0040, mao0010
;
WHERE Che0010.equipamento =
Eqp0040.equipamento and ;
Eqp0040.classe =
Thisform.ComboClass.Value and ;
Che0010.mao_de_obra =
mao0010.mao_d_obra ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0020.equipamento, "3",
Che0020.material AS codigo, ;
" ", " ", " ", " ", " ", " ";
MAT0020.Nome_mat AS nome, ;
Che0020.quantidade, MAT0020.undw
AS unidade ;
FROM Che0020, Eqp0040,
MAT0020 ;
WHERE Che0020.equipamento =
Eqp0040.equipamento and ;
Eqp0040.classe =
Thisform.ComboClass.Value and ;
Che0020.material =
MAT0020.material ;
UNION ALL ;
SELECT Eqp0040.classe,
eqp0050.equipamento, "4",
eqp0050.componente AS codigo, ;
" ", " ", " ", " ", " ", " ";
1, " " ;
FROM Eqp0040, eqp0050 ;
WHERE ;
Eqp0040.classe =
Thisform.ComboClass.Value and ;
eqp0050.equipamento =
Eqp0040.equipamento
do form impressa with "rctr0110"
CASE .Value=4      && todos
os equipamentos (selecao de uf)
*-----
SELECT DISTINCT ;
Eqp0040.classe AS classe,
Eqp0040.equipamento AS equipamento, "1"
AS reg, " " AS codigo, ;
Eqp0010.descricao AS desc_classe, ;
Eqp0040.fabricante AS fabricante,
Eqp0040.modelo AS modelo,
Eqp0040.tipo_eqp AS tipo_eqp, ;
Eqp0040.fonte_energia AS
fonte_energia, Eqp0040.fabricante AS nome,
0000000000 AS qtd, ;
" " AS unidade ;
FROM Eqp0040, Eqp0010 ;
WHERE Eqp0040.classe =
Eqp0010.classe ;
ORDER BY 1, 2, 3, 4 ;
INTO CURSOR rctr0110 ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0010.equipamento, "2",
Che0010.mao_de_obra AS codigo, ;
" ", " ", " ", " ", " ", " ";
mao0010.descricao AS nome, ;
Che0010.quantidade, " " ;
FROM Che0010, Eqp0040, mao0010
;
WHERE Che0010.equipamento =
Eqp0040.equipamento and ;
Che0010.mao_de_obra =
mao0010.mao_d_obra ;
UNION ALL ;
SELECT Eqp0040.classe,
Che0020.equipamento, "3",
Che0020.material AS codigo, ;
" ", " ", " ", " ", " ", " ";
MAT0020.Nome_mat AS nome, ;
Che0020.quantidade, MAT0020.undw
AS unidade ;
FROM Che0020, Eqp0040,
MAT0020 ;
WHERE Che0020.equipamento =
Eqp0040.equipamento and ;
Che0020.material =
MAT0020.material ;
UNION ALL ;
SELECT Eqp0040.classe,
eqp0050.equipamento, "4",
eqp0050.componente AS codigo, ;
" ", " ", " ", " ", " ", " ";
1, " " ;
FROM Eqp0040, eqp0050 ;
WHERE ;
Eqp0040.classe =
Thisform.ComboClass.Value and ;
eqp0050.equipamento =
Eqp0040.equipamento
do form impressa with "rctr0110"

```

```

SELECT Eqp0040.classe,
Che0020.equipamento, "3",
Che0020.material AS codigo, ;
" ", " ", " ", " ", " ", " ";
MAT0020.Nome_mat AS nome, ;
Che0020.quantidade, MAT0020.undw
AS unidade ;
FROM Che0020, Eqp0040,
MAT0020 ;
WHERE Che0020.equipamento =
Eqp0040.equipamento and ;
Che0020.material =
MAT0020.material ;
UNION ALL ;
SELECT Eqp0040.classe,
eqp0050.equipamento, "4",
eqp0050.componente AS codigo, ;
" ", " ", " ", " ", " ", " ";
1, " " ;
FROM Eqp0040, eqp0050 ;
WHERE ;
eqp0050.equipamento =
Eqp0040.equipamento
do form impressa with "rctr0110"
ENDCASE
Endwith
ENDPROC
ColumnCount = 3
ColumnWidths = "30,170,30"
RowSourceType = 3
RowSource = "select distinct
pep0040.cod_uf, par0010.denominacao,
par0010.regiao from pep0040 , par0010 into
cursor datauf where pep0040.cod_uf =
par0010.Uf order by 1"
ControlSource = ""
FirstElement = 1
Height = 24
Left = 43
NumberOfElements = 0
Sorted = .f.
StatusBarText = ("Selecione a UF desejada")
TabIndex = 7
ToolTipText = ""
Top = 283
Visible = .f.
Width = 240
Name = "Combo_UF"
FontUnderline = .T.
BackStyle = 0
Caption = "Data de Referência: "
Height = 18
Left = 258
Top = 124
Width = 143
TabIndex = 0
Name = "Label9"
Alignment = 0
RowSourceType = 3
RowSource = "select distinct pesquisa from
pep0040 order by pesquisa DESC into cursor
datapescq"
DisplayValue = 1
Value = (datapescq)
ControlSource = ""
Height = 24
Left = 421
Sorted = .f.
TabIndex = 4
Top = 120
Visible = .T.

```

```

Width = 85
Name = "Combo_Data"
procedure Refresh
    dataproц = Thisform.combo_data.Value
ENDPROC
procedure Valid
    dataproц = Thisform.combo_data.Value
ENDPROC
procedure Init
    dataproц = Thisform.combo_data.Value
ENDPROC
Top = 212
Left = 419
Height = 29
Width = 87
Caption = "Detalhado"
TabIndex = 2
Name = "ComCusto"
procedure Click
    vData = ctod(Thisform.combo_data.Value)

    with Thisform.opcao
    do CASE
    CASE .Value=1      &&
    todos os equipamentos / todas as uf
    SELECT ;
        par0010.uf AS uf, vData AS datap ;
    FROM par0010 ;
    INTO CURSOR rctr0120 ;
    WHERE uf IN (SELECT DISTINCT
    pep0040.cod_uf FROM pep0040 WHERE ;
    pep0040.pesquisa = vData) ;
    Order BY 1

    IF reccount() > 0
        do form impressa with "rctr0120"
    ELSE
        =msg("5")
    ENDIF

    CASE .Value=2      &&
    selecao de um equipamento
    SELECT ;
        par0010.uf AS uf, vData AS datap
    FROM par0010 ;
    INTO CURSOR rctr0120 ;
    WHERE uf IN (SELECT DISTINCT
    cod_uf FROM pep0040 ;
    WHERE pep0040.equipamento =
    Thisform.combo equip.Value and ;
    pep0040.pesquisa = vData) ;
    Order BY 1

    IF reccount() > 0
        do form impressa with "rctr0120", '
    equipamento=' + "" +
    Thisform.combo equip.Value + ""
    ELSE
        =msg("5")
    ENDIF

    CASE .Value=3      &&
    selecao de uma classe de equipamentos
    SELECT ;
        par0010.uf AS uf, vData AS datap
    FROM par0010 ;
    INTO CURSOR rctr0120 ;
    WHERE uf IN (SELECT DISTINCT
    pep0040.cod_uf FROM pepv0040 ;
    WHERE pepv0040.classe =
    Thisform.ComboClass.Value and ;
    pepv0040.pesquisa = vData) ;
    Order BY 1

    IF reccount() > 0

```

```

do form impressa with "rctr0120",'
    classe=' + "" + Thisform.ComboClass.Value
    + ""
    ELSE
        =msg("5")
    ENDIF

    CASE .Value=4      &&
    selecao de uma uf
    SELECT ;
        par0010.uf AS uf, vData AS datap
    FROM par0010 ;
    INTO CURSOR rctr0120 ;
    WHERE uf IN (SELECT DISTINCT
    pep0040.cod_uf FROM pep0040 ;
    WHERE pep0040.cod_uf =
    Thisform.Combo_uf.Value and ;
    pep0040.pesquisa = vData) ;
    Order BY 1

    IF reccount() > 0
        do form impressa with "rctr0120", '
    cod_uf=' + "" + Thisform.Combo_uf.Value +
    ""
    ELSE
        =msg("5")
    ENDIF

    ENDCASE
Endwith

ENDPROC
Top = 254
Left = 419
Height = 29
Width = 87
Caption = "Resumo"
TabIndex = 3
Name = "Resumo"
procedure Click
    vData = ctod(Thisform.combo_data.Value)

    with Thisform.opcao
    do CASE
    CASE .Value=1      &&
    todos os equipamentos / todas as uf
    SELECT ;
        par0010.uf AS uf, vData AS datap
    FROM par0010 ;
    INTO CURSOR rctr0120 ;
    WHERE uf IN (SELECT DISTINCT
    pep0040.cod_uf FROM pep0040 WHERE ;
    pep0040.pesquisa = vData) ;
    Order BY 1

    IF reccount() > 0
        do form impressa with "rctr0130"
    ELSE
        =msg("5")
    ENDIF

    CASE .Value=2      &&
    selecao de um equipamento
    SELECT ;
        par0010.uf AS uf, vData AS datap
    FROM par0010 ;
    INTO CURSOR rctr0120 ;
    WHERE uf IN (SELECT DISTINCT
    cod_uf FROM pep0040 ;
    WHERE pep0040.equipamento =
    Thisform.combo equip.Value and ;
    pep0040.pesquisa = vData) ;

```

```

Order BY 1

    IF reccount() > 0
        do form impressa with "rctr0130", '
    equipamento=' + "" +
    Thisform.combo equip.Value + ""
    ELSE
        =msg("5")
    ENDIF

    CASE .Value=3      &&
    selecao de uma classe de equipamentos
    SELECT ;
        par0010.uf AS uf, vData AS datap
    FROM par0010 ;
    INTO CURSOR rctr0120 ;
    WHERE uf IN (SELECT DISTINCT
    cod_uf FROM pepv0040 ;
    WHERE pepv0040.classe =
    Thisform.ComboClass.Value and ;
    pepv0040.pesquisa = vData) ;
    Order BY 1

    IF reccount() > 0
        do form impressa with "rctr0130", '
    classe=' + "" + Thisform.ComboClass.Value
    + ""
    ELSE
        =msg("5")
    ENDIF

    CASE .Value=4      &&
    selecao de uma uf
    SELECT ;
        par0010.uf AS uf, vData AS datap
    FROM par0010 ;
    INTO CURSOR rctr0120 ;
    WHERE uf IN (SELECT DISTINCT
    cod_uf FROM pep0040 ;
    WHERE pep0040.cod_uf =
    Thisform.Combo_uf.Value and ;
    pep0040.pesquisa = vData) ;
    Order BY 1

    IF reccount() > 0
        do form impressa with "rctr0130", '
    cod_uf=' + "" + Thisform.Combo_uf.Value +
    ""
    ELSE
        =msg("5")
    ENDIF

    ENDCASE
Endwith

ENDPROC
Top = 297
Left = 315
Height = 29
Width = 87
Caption = "Relação"
TabIndex = 2
Name = "Relacao"
procedure Click
    PUBLIC dataproц
    dataproц =
    ctod(Thisform.combo_data.Value)

    IF empty(Thisform.Combo_uf.Value)
        =msg("0")
    ELSE

```

```

do form tctr0140 with
Thisform.Combo_uf.Value, datapro
ENDIF

```

```
ENDPROC
```

```
*****
```

1.70 FORMSORC\TORC0110.SCX

```

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 32
Top = 30
Width = 90
Height = 90
Alias = "orc0010"
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "orc0010"
Name = "Cursor1"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "orc0020"
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "orc0020"
Name = "Cursor2"
ParentAlias = "orc0010"
RelationalExpr = (cpf+orcamento)
ChildAlias = "orc0020"
ChildOrder = "iorc"
Name = "Relation1"
Height = 303
Width = 515
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TORC0110"
HelpContextID = 50010
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TORC0110"
procedure Init
PUBLIC xCPF, xOrc

ENDPROC
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Sistema de Custos Rodoviários"
Height = 37
Left = 8
Top = 36
Width = 415
TabIndex = 0
Name = "Label1"
Top = 256
Left = 10
Height = 29
Width = 93
Caption = "Descrição"
Enabled = .f.
TabIndex = 5
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "CmdDescricao"

```

```

procedure Click
do form TORC0120 with xCPF, xOrc

set deleted off
sele orc0010
use orc0010 exclusive
pack
reindex
use orc0010 shared
set deleted on

```

```

Thisform.Combo_orc.RowSource =
'SELECT ORC0010.orcamento,
ORC0010.titulo ' + ;
'FROM ORC0010 INTO CURSOR ob
ORDER BY 1 ' + ;
'WHERE cpf = xCPF'

IF reccount('ob') > 0
Thisform.CmdQuantidade.Enabled = .T.
Thisform.Extracao.Enabled = .T.
Thisform.CmdExclui.Enabled = .T.
ELSE
Thisform.CmdQuantidade.Enabled = .f.
Thisform.Extracao.Enabled = .f.
Thisform.CmdExclui.Enabled = .f.
ENDIF

```

```
Thisform.Refresh
```

```

ENDPROC
Top = 256
Left = 111
Height = 29
Width = 93
Caption = "Quantidades"
Enabled = .f.
TabIndex = 6
Name = "CmdQuantidade"
procedure Click
do form TORC0130 with xCPF, xOrc

set deleted off
sele orc0020
use orc0020 exclusive
pack
reindex
use orc0020 shared
set deleted on

```

```
Thisform.Refresh
```

```

ENDPROC
Top = 6
Left = 472
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 7
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 50010 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos Rodoviários"
Height = 18
Left = 8
Top = 11
Width = 301
TabIndex = 0
Name = "Label2"
BorderColor = 255,255,255

```

```

Height = 1
Left = 8
Top = 103
Width = 495
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 8
Top = 104
Width = 495
Name = "Shape2"
FontOutline = .f.
FontSize = 10
FontUnderline = .T.
BackStyle = 0
Caption = "Seleção de Informações:"
Height = 25
Left = 23
Top = 118
Width = 180
TabIndex = 0
Name = "Label3"
Caption = "Equipamentos - "
Height = 1
Left = 64
Top = 213
Width = 13
TabIndex = 0
Name = "Label5"
BackStyle = 0
Caption = "Orçamento:"
Enabled = .f.
Height = 18
Left = 132
Top = 181
Width = 97
TabIndex = 0
Name = "Label6"
AutoSize = .T.
FontName = "Times New Roman"
FontOutline = .f.
FontSize = 14
FontUnderline = .f.
BackStyle = 0
Caption = "Orçamento para Projetos"
Height = 25
Left = 8
Top = 71
Width = 209
TabIndex = 0
Name = "Label8"
ColumnCount = 2
ColumnWidths = "60,240"
RowSourceType = 3
RowSource = "select * from ORC0010 into cursor ob"
Enabled = .f.
Height = 24
Left = 292
TabIndex = 2
Top = 178
Width = 118
Name = "Combo_Orc"
procedure Valid
xOrc = Thisform.Combo_orc.Value

ENDPROC
BackStyle = 0
Caption = "CPF do Responsável:"
Height = 18
Left = 132
Top = 143
Width = 143
TabIndex = 0
Name = "Label9"

```

```

Top = 256
Left = 414
Height = 29
Width = 93
Caption = "Fechar"
TabIndex = 8
Name = "Cmd_Fechar"
procedure Click
  SELECT '0' FROM orc0010 INTO
CURSOR ob
  sele ob
  use

  close tables

  Thisform.release
ENDPROC
Alignment = 2
Value = 000000000-00
Height = 24
InputMask = "999999999-99"
Left = 292
TabIndex = 1
Top = 140
Width = 118
Name = "Txt_cpf"
procedure Valid
  private vAux, vCPF, vCerto

  vCerto = .f.

  IF
ISDIGIT(SUBSTR(Thisform.Txt_cpf.Value,
1,9)) = .T.
  IF
ISDIGIT(SUBSTR(Thisform.Txt_cpf.Value,
11,2)) = .T.
    vCPF = 10 * (11 - ;

((VAL(SUBSTR(Thisform.Txt_cpf.Value,1,1)
))*10) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,2,1)
)*9) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,3,1)
)*8) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,4,1)
)*7) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,5,1)
)*6) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,6,1)
)*5) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,7,1)
)*4) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,8,1)
)*3) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,9,1)
)*2)) % 11)

  IF vCPF = 100
    vCPF = 0
  ENDIF

  vAux = 11 - ;

((VAL(SUBSTR(Thisform.Txt_cpf.Value,1,1)
))*11) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,2,1)
))*10) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,3,1)
))*9) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,4,1)
))*8) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,5,1)
))*7) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,6,1)
))*6) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,7,1)
))*5) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,8,1)
))*4) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,9,1)
))*3) + ;

(VAL(SUBSTR(Thisform.Txt_cpf.Value,11,2)
))*2)) % 11

  IF vAux < 10
    vCPF = vCPF + vAux
  ENDIF

  IF
VAL(SUBSTR(Thisform.Txt_cpf.Value,11,2)
)) = vCPF
    vCerto = .T.
  ENDIF

  ENDIF

  ENDIF

  IF vCerto = .f.
    Thisform.CmdDescricao.Enabled = .f.
    Thisform.CmdQuantidade.Enabled = .f.
    Thisform.CmdExclui.Enabled = .f.
    Thisform.Extracao.Enabled = .f.
    Thisform.Label6.Enabled = .f.
    Thisform.Combo_orc.Enabled = .f.
    Thisform.Combo_orc.RowSource = "
xCPF="
xOrc="
    Thisform.Refresh
  ENDIF

  Thisform.Refresh

ENDPROC
Top = 256
Left = 212
Height = 29
Width = 93
Caption = "Extrair Dados"
Enabled = .f.
TabIndex = 8
Name = "Extracao"
procedure Click
  do form TORC0200 with xCPF, xOrc

  Thisform.Refresh

ENDPROC
BorderColor = 255,255,255
Height = 1
Left = 8
Top = 226
Width = 495
Name = "Shape3"
BackColor = 128,128,128

IF reccount('ob') > 0
  Thisform.CmdQuantidade.Enabled =
.T.
  Thisform.Extracao.Enabled = .T.
  Thisform.CmdExclui.Enabled = .T.
ELSE
  Thisform.CmdQuantidade.Enabled =
.f.
  Thisform.Extracao.Enabled = .f.
  Thisform.CmdExclui.Enabled = .f.
ENDIF

DELETE FROM orc0010 ;
WHERE cpf = xCPF

sele orc0010
use orc0010 exclusive
pack
reindex
use orc0010 shared

Thisform.Txt_cpf.Value='00000000000'
Thisform.CmdDescricao.Enabled = .f.
Thisform.CmdQuantidade.Enabled = .f.
Thisform.CmdExclui.Enabled = .f.
Thisform.Extracao.Enabled = .f.
Thisform.Label6.Enabled = .f.
Thisform.Combo_orc.Enabled = .f.
Thisform.Combo_orc.RowSource = "
xCPF="
xOrc="
Thisform.Refresh
ENDIF

Thisform.Refresh

ENDPROC
Top = 256
Left = 212
Height = 29
Width = 93
Caption = "Extrair Dados"
Enabled = .f.
TabIndex = 8
Name = "Extracao"
procedure Click
  do form TORC0200 with xCPF, xOrc

  Thisform.Refresh

ENDPROC
BorderColor = 255,255,255
Height = 1
Left = 8
Top = 226
Width = 495
Name = "Shape3"
BackColor = 128,128,128
FROM ORC0010 INTO CURSOR ob
ORDER BY 1 ' + ;
'WHERE cpf = xCPF'

```



```

BorderColor = 128,128,128
Height = 1
Left = 8
Top = 227
Width = 495
Name = "Shape4"

*****

1.71 FORMSORC\TORC0120.SCX

Left = 0
Top = 0
Width = 792
Height = 451
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 140
Height = 132
Alias = "orc0010"
BufferModeOverride = 5
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "orc0010"
Name = "Cursor1"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor2"
ScaleMode = 3
Height = 283
Width = 607
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TORC0120"
Visible = .f.
HelpContextID = 50020
icon = ..\IMAGENS\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TORC0120"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "layoutsty"
Label1.Caption = "Cadastro de Projetos:
Manutenção de Dados"
Label1.Top = 8
Label1.Width = 524
Label1.TabIndex = 0
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 7
Shape1.Top = 42
Shape1.Width = 593
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 7
Shape2.Top = 43
Shape2.Width = 593
Shape2.Name = "Shape2"
Shape3.Left = 7
Shape3.Top = 218

```

```

Shape3.Width = 593
Shape3.Name = "Shape3"
Shape4.Left = 7
Shape4.Top = 219
Shape4.Width = 593
Shape4.Name = "Shape4"
procedure Init
    Parameter pCPF, pOrc
    PUBLIC xNome, xEstado
    private xCPF, xOrc
    xCPF = pCPF
    xOrc = pOrc

    set deleted on

    sele orc0010
    set Order to ichave
    set FILTER to cpf = xCPF
    LOCATE FOR cpf = xCPF
    IF FOUND() = .T.
        xNome = orc0010.responsave
    ELSE
        xNome = "
    ENDIF

    IF !empty(xOrc)
        SEEK xCPF+xOrc
    ELSE
        GO Top
    ENDIF

    Thisform.Refresh

ENDPROC
FontBold = .T.
Caption = "CPF:"
Left = 30
Top = 74
Visible = .T.
Width = 66
TabIndex = 0
Name = "LBLCPF1"
Value = xCPF
ControlSource = "orc0010.cpf"
Enabled = .f.
InputMask = "XXXXXXXXXXXX"
Left = 116
ReadOnly = .T.
TabIndex = 0
Top = 70
Visible = .T.
Width = 98
Comment = ""
Name = "CPF1"
AutoSize = .f.
FontBold = .T.
Caption = "Orçamento:"
Left = 30
Top = 124
Visible = .T.
Width = 64
TabIndex = 0
Name = "LBLORCAMENTO1"
Value = xOrc
ControlSource = "orc0010.orcamento"
Enabled = .f.
InputMask = "XXXXXX"
Left = 116
TabIndex = 2
Top = 112
Visible = .T.
Width = 60
Name = "ORCAMENTO1"
AutoSize = .f.
FontBold = .T.

```

```

Caption = "Título:"
Left = 232
Top = 124
Visible = .T.
Width = 34
TabIndex = 0
Name = "LBLTITULO1"
Value =
ControlSource = "orc0010.titulo"
Enabled = .f.
Height = 21
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 311
TabIndex = 3
Top = 120
Visible = .T.
Width = 285
Name = "TITULO1"
AutoSize = .f.
FontBold = .T.
Caption = "Responsável:"
Height = 16
Left = 232
Top = 74
Visible = .T.
Width = 74
TabIndex = 0
Name = "LBLRESPONSAVEL1"
Value =
ControlSource = "orc0010.responsave"
Enabled = .f.
Height = 21
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 311
TabIndex = 6
Top = 70
Visible = .T.
Width = 285
Name = "RESPONSAVEL1"
procedure Valid
    IF
!empty(Thisform.RESPONSAVEL1.Value)
        xNome =
Thisform.RESPONSAVEL1.Value
    ENDIF

ENDPROC
AutoSize = .f.
FontBold = .T.
Caption = "Validade:"
Left = 30
Top = 172
Visible = .T.
Width = 50
TabIndex = 0
Name = "LBLVALIDADE1"
Alignment = 2
Value = { / / }
ControlSource = "orc0010.validade"
Enabled = .f.
Height = 21
Left = 116
TabIndex = 4
Top = 168
Visible = .T.
Width = 50
Name = "VALIDADE1"
Top = 12
Left = 571
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp

```

```

Caption = ""
TabIndex = 7
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 50020 IN Screen
ENDPROC
Top = 239
Left = 61
Width = 522
Height = 24
TabIndex = 1
Name = "Botoes"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
procedure cmdAdd.Valid
    IF empty(Thisform.VALIDADE1.Value)
        Thisform.VALIDADE1.Value =
date()+180
    ENDIF

    IF
empty(Thisform.RESPONSAVEL1.Value)
        Thisform.RESPONSAVEL1.Value =
xNome
    ENDIF

    IF
empty(Thisform.ORCAMENTO1.Value)
        Thisform.ORCAMENTO1.Value =
'00000'
    ENDIF

    IF empty(Thisform.CPF1.Value)
        Thisform.CPF1.Value = xCPF
    ENDIF

ENDPROC

*****

1.72 FORMSORC\TORC0130.SCX

Left = 0
Top = 0
Width = 792
Height = 451
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 122
Height = 128
Alias = "orc0010"
BufferModeOverride = 5
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "orc0010"
FILTER = ""
Name = "Cursor1"
procedure Init
    PUBLIC xCPF
ENDPROC
Left = 160
Top = 10
Width = 145
Height = 132
Alias = "orc0020"
BufferModeOverride = 5

Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "orc0020"
Name = "Cursor2"
ParentAlias = "orc0010"
RelationalExpr = "cpf+orcamento"
ChildAlias = "orc0020"
ChildOrder = "iore"
Name = "Relation1"
Left = 345
Top = 10
Width = 149
Height = 167
Alias = "ser0010"
Database = ..\sicro.dbc
CursorSource = "ser0010"
ReadOnly = .T.
Name = "Cursor3"
ParentAlias = "orc0020"
RelationalExpr = "servico"
ChildAlias = "ser0010"
ChildOrder = "iservico"
Name = "Relation2"
ScaleMode = 3
Height = 422
Width = 623
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TORC0130"
Visible = .f.
HelpContextID = 50030
icon = ..\IMAGENS\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TORC0130"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 6
layoutsty.Left = 4009
layoutsty.Width = 561
layoutsty.Height = 253
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
procedure Init
    Parameter pCPF, pOrc
    PUBLIC vCPF, vOrc
    vCPF = pCPF
    vOrc = pOrc

    set deleted on

    sele orc0010
    set FILTER to cpf = vCPF
    GO Top

    IF !empty(vOrc)
        SEEK vCPF+vOrc
    ELSE
        vOrc = orc0010.orcamento
    ENDIF

    Thisform.grid1.Column1.Text1.Value = "
Thisform.Refresh

ENDPROC
AutoSize = .T.
Caption = "CPF:"
Left = 25
Top = 57
Visible = .T.
Width = 28
Name = "LBLECPF1"

Alignment = 3
Value = 4262190749
ControlSource = "orc0010.cpf"
Enabled = .f.
InputMask = "XXXXXXXXXXXXXX"
Left = 71
ReadOnly = .T.
Top = 54
Visible = .T.
Width = 108
Name = "CPF1"
Caption = "Orcamento:"
Left = 25
Top = 81
Visible = .T.
Width = 75
Name = "LBLORCAMENTO1"
Value = D45
ControlSource = "orc0010.orcamento"
Enabled = .f.
InputMask = "XXXXXX"
Left = 110
ReadOnly = .T.
Top = 78
Visible = .T.
Width = 69
Name = "ORCAMENTO1"
Caption = "Titulo:"
Left = 222
Top = 81
Visible = .T.
Width = 75
Name = "LBLTITULO1"
Value = Super Projeto D45
ControlSource = "orc0010.titulo"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 307
ReadOnly = .T.
Top = 78
Visible = .T.
Width = 289
Name = "TITULO1"
AutoSize = .f.
Caption = "Responsavel:"
Left = 222
Top = 57
Visible = .T.
Width = 78
Name = "LBLRESPONSAVE1"
Value = José S Bevilaqua
ControlSource = "orc0010.responsave"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 307
ReadOnly = .T.
Top = 54
Visible = .T.
Width = 289
Name = "RESPONSAVE1"
Caption = "Validade:"
Left = 25
Top = 106
Visible = .T.
Width = 75
Name = "LBLVALIDADE1"
Alignment = 3
Value = {22/10/97}
ControlSource = "orc0010.validade"
Enabled = .f.
Left = 118
ReadOnly = .T.

```

```

Top = 103
Visible = .T.
Width = 61
Name = "VALIDADE1"
ColumnCount = 4
DeleteMark = .f.
Height = 210
Left = 37
Panel = 1
ReadOnly = .f.
RecordSource = "orc0020"
RecordSourceType = 1
ScrollBars = 3
tag = ""
Top = 132
Visible = .T.
Width = 548
Comment = ""
Name = "Grid1"
Column1.Alignment = 2
Column1.ControlSource = "orc0020.servico"
Column1.Width = 78
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.ColumnOrder = 4
Column2.ControlSource =
"orc0020.quantidade"
Column2.Width = 97
Column2.ReadOnly = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.ColumnOrder = 2
Column3.ControlSource =
"ser0010.denominacao"
Column3.Width = 273
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Alignment = 2
Column4.ColumnOrder = 3
Column4.ControlSource =
"ser0010.und_prod"
Column4.Width = 67
Column4.ReadOnly = .T.
Column4.Visible = .T.
Column4.Name = "Column4"
Alignment = 2
Caption = "Código"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value = 1A0101001
Enabled = .T.
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Quantidade"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 1.0000
ForeColor = 0,0,0
Margin = 0
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
BackColor = 255,255,255

BorderStyle = 0
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Und Prod"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
AutoSize = .T.
FontName = "Times New Roman"
FontSize = 20
BorderStyle = 0
Caption = "Cadastro de Projetos: Quadro de
Quantidades"
Height = 34
Left = 7
Top = 4
Width = 545
Name = "Label2"
Top = 6
Left = 570
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 50030 IN Screen
ENDPROC
BorderColor = 255,255,255
Height = 1
Left = 10
Top = 45
Width = 602
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 10
Top = 46
Width = 602
Name = "Shape2"
BorderColor = 255,255,255
Height = 1
Left = 10
Top = 380
Width = 602
Name = "Shape3"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 10
Top = 381
Width = 602
Name = "Shape4"
Top = 349
Left = 115
Height = 24
Width = 74
Caption = "Inclusão"
Name = "Inclui"
procedure Click
set deleted off
xOrc = orc0010.orcamento
IF !empty(Thisform.Combo1.Value)

sele orc0020
set Order to ichave
GO Top
LOCATE FOR orc0020.cpf = xCPF ;
and orc0020.orcamento=xOrc ;
and
orc0020.servico=Thisform.Combo1.Value
IF !FOUND()
INSERT INTO orc0020
(cpf,orcamento,servico, quantidade);
VALUES
(xCPF,xOrc,Thisform.Combo1.Value,1)
=TableUpdate(.T.)
ELSE
IF deleted()
recall next 1
=msg(2)
=TableUpdate(.T.)
ELSE
=msg(1)
set deleted on
RETURN
ENDIF
ENDIF
set deleted on

Thisform.grid1.Refresh
Thisform.Combo1.Value = ""
Thisform.Refresh
ELSE
=msg(3)
ENDIF

set deleted on

ENDPROC
Top = 349
Left = 440
Height = 24
Width = 74
Caption = "Exclusão"
Name = "Exclui"
procedure Click
IF
!empty(Thisform.grid1.Column1.Text1.Value
)

set deleted off
IF perg('Deseja eliminar a linha com o
código =
'+Thisform.grid1.Column1.Text1.Value) =
.T.

sele orc0020
DELETE FROM orc0020 ;
WHERE cpf = orc0010.cpf ;
and orcamento =
orc0010.orcamento ;
and servico =
Thisform.grid1.Column1.Text1.Value

=TableUpdate(.T.)
Thisform.grid1.Column1.Text1.Value
= ""
ENDIF
set deleted on
Thisform.grid1.Refresh
Thisform.Combo1.Value = ""
Thisform.Refresh

ELSE
=msg(4)
ENDIF

IF !empty(Thisform.Combo1.Value)

```

```

sele orc0010

ENDPROC
ColumnCount = 2
ColumnWidths = "80,280"
RowSourceType = 3
RowSource = "select cod_grupo +
cod_composicao + cod_tipo + classe_serv +
cod_ident, denominacao from ser0010 into
cursor servicos order by 1"
ControlSource = ""
FirstElement = 1
Height = 24
Left = 211
NumberOfElements = 0
Top = 349
Width = 205
Name = "Combo1"
Top = 391
Left = 70
Width = 482
Height = 26
TabIndex = 1
Name = "Edita_btms1"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
procedure cmdPrev.Click
    Thisform.grid1.Column1.Text1.Value = "
    Thisform.Combo1.Value=""
    Edita_Btns::cmdPrev.Click

ENDPROC
procedure cmdNext.Click
    Thisform.grid1.Column1.Text1.Value = "
    Thisform.Combo1.Value=""
    Edita_Btns::cmdNext.Click

ENDPROC
procedure cmdTop.Click
    Thisform.grid1.Column1.Text1.Value = "
    Thisform.Combo1.Value=""
    Edita_Btns::cmdTop.Click

ENDPROC
procedure cmdEnd.Click
    Thisform.grid1.Column1.Text1.Value = "
    Thisform.Combo1.Value=""
    Edita_Btns::cmdEnd.Click

ENDPROC
procedure cmdExit.Click

    SELECT '0' FROM orc0010 INTO
CURSOR servicos
sele servicos
use
    Edita_Btns::cmdExit.Click

ENDPROC
procedure cmdAdd.Click
    Edita_Btns::cmdAdd.Click
with Thisform
    .incluir.Enabled=!.incluir.Enabled
    .excluir.Enabled=!.excluir.Enabled
    .Combo1.Enabled=!.Combo1.Enabled
Endwith

```

```

ENDPROC
procedure cmdEdit.Click
    Edita_Btns::cmdEdit.Click
with Thisform
    .incluir.Enabled=!.incluir.Enabled
    .excluir.Enabled=!.excluir.Enabled
    .Combo1.Enabled=!.Combo1.Enabled
    .grid1.Column1.ReadOnly=.T.
Endwith

    Thisform.Refresh
ENDPROC

*****
I.73 FORMSORC\TORC0200.SCX

Left = 0
Top = 0
Width = 792
Height = 451
Name = "Dataenvironment"
Left = 34
Top = 33
Width = 90
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
ReadOnly = .T.
Name = "Cursor3"
Left = 166
Top = 35
Width = 90
Height = 90
Alias = "ctr0010"
Database = ..\sicro.dbc
CursorSource = "ctr0010"
ReadOnly = .T.
Name = "Cursor1"
Left = 29
Top = 178
Width = 90
Height = 90
Alias = "orc0010"
BufferModeOverride = 5
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "orc0010"
ReadOnly = .f.
Name = "Cursor2"
Left = 204
Top = 169
Width = 90
Height = 90
Alias = "orc0020"
BufferModeOverride = 5
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "orc0020"
ReadOnly = .f.
Name = "Cursor4"
ParentAlias = "orc0010"
RelationalExpr = (cpf+orcamento)
ChildAlias = "orc0020"
ChildOrder = "iorc"
Name = "Relation1"
Left = 309
Top = 36
Width = 90
Height = 90
Alias = "ser0010"
Database = ..\sicro.dbc
CursorSource = "ser0010"
Name = "Cursor5"
Height = 323
Width = 521

```

```

DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - TORC0200"
HelpContextID = 50040
icon = ..\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TORC0200"
procedure Refresh
    Thisform.CmdExt.Enabled = .f.
    IF !empty(varOrc)
        IF !empty(vUF)
            IF !empty(datap)
                Thisform.CmdExt.Enabled = .T.
            ENDIF
        ENDIF
    ENDIF

    Thisform.Refresh
ENDPROC
procedure Init
    Parameter xCPF, xOrc

    PUBLIC datap, vUF
    varOrc = xOrc

    set deleted on

sele orc0010
set FILTER to cpf = xCPF
GO Top

IF !empty(varOrc)
    SEEK xCPF+varOrc
    Thisform.Combo_orc.Value = varOrc
    Thisform.Combo_orc.Refresh
ENDIF

    Thisform.CmdExt.Enabled = .f.
    IF !empty(varOrc)
        IF !empty(vUF)
            IF !empty(datap)
                Thisform.CmdExt.Enabled = .T.
            ENDIF
        ENDIF
    ENDIF
ENDPROC
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Cadastro de Projetos"
Height = 37
Left = 12
Top = 31
Width = 415
Name = "Label1"
Top = 21
Left = 475
Height = 26
Width = 26
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
ToolTipText = "Auxilio"
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 50040 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"

```

```

Height = 18
Left = 12
Top = 11
Width = 301
Name = "Label2"
BorderColor = 255,255,255
Height = 1
Left = 14
Top = 93
Width = 493
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 14
Top = 94
Width = 493
Name = "Shape2"
AutoSize = .T.
BackStyle = 0
Caption = "Unidade da Federação:"
Enabled = .T.
Height = 18
Left = 273
Top = 195
Width = 149
Name = "Label4"
FontName = "Arial"
FontSize = 16
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Extração de Dados de
Orçamentos"
Height = 26
Left = 12
Top = 64
Width = 409
Name = "Label8"
BorderColor = 255,255,255
Height = 1
Left = 14
Top = 271
Width = 493
Name = "Shape9"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 14
Top = 272
Width = 493
Name = "Shape10"
AutoSize = .T.
BackStyle = 0
Caption = "Data dos Valores:"
Enabled = .T.
Height = 18
Left = 25
Top = 195
Width = 111
Name = "Label5"
ColumnCount = 2
ColumnWidths = "30,175"
RowSourceType = 6
RowSource = "Par0010.Uf,Denominacao"
Value = RJ
ControlSource = ""
Enabled = .T.
FirstElement = 1
Height = 24
Left = 342
NumberOfElements = 0
Top = 226
Width = 143
Name = "Combo_UF"
procedure Valid

vUF = Thisform.Combo_uf.Value

Thisform.CmdExt.Enabled = .f.
IF !empty(varOrc)
  IF !empty(vUF)
    IF !empty(datap)
      Thisform.CmdExt.Enabled = .T.
    ENDIF
  ENDIF
ENDIF
ENDPROC
procedure Init
  PUBLIC varOrc

  vUF = Thisform.Combo_uf.Value

  Thisform.CmdExt.Enabled = .f.
  IF !empty(varOrc)
    IF !empty(vUF)
      IF !empty(datap)
        Thisform.CmdExt.Enabled = .T.
      ENDIF
    ENDIF
  ENDPROC
procedure Click
  Thisform.release
  ENDPROC
  Alignment = 0
  RowSourceType = 3
  RowSource = "select distinct pesquisa from
CTR0010 order by 1 DESC into cursor
datapesq"
  DisplayValue = 1
  Value = (datapesq)
  ControlSource = " "
  Enabled = .T.
  Height = 24
  Left = 152
  Sorted = .f.
  Top = 192
  Visible = .T.
  Width = 92
  Name = "Combo_Data"
  procedure Refresh
    datap = ctod(Thisform.combo_data.Value)

  Thisform.CmdExt.Enabled = .f.
  IF !empty(varOrc)
    IF !empty(vUF)
      IF !empty(datap)
        Thisform.CmdExt.Enabled = .T.
      ENDIF
    ENDIF
  ENDIF
ENDPROC
procedure Click
  datap = ctod(Thisform.combo_data.Value)

  Thisform.CmdExt.Enabled = .f.
  IF !empty(varOrc)
    IF !empty(vUF)
      IF !empty(datap)
        Thisform.CmdExt.Enabled = .T.
      ENDIF
    ENDIF
  ENDPROC
procedure Valid
  datap = ctod(Thisform.combo_data.Value)

  Thisform.CmdExt.Enabled = .f.
  IF !empty(varOrc)
    IF !empty(vUF)
      IF !empty(datap)
        Thisform.CmdExt.Enabled = .T.
      ENDIF
    ENDIF
  ENDPROC
procedure Valid
  datap = ctod(Thisform.combo_data.Value)

  Thisform.CmdExt.Enabled = .f.
  IF !empty(varOrc)
    IF !empty(vUF)
      IF !empty(datap)
        Thisform.CmdExt.Enabled = .T.
      ENDIF
    ENDIF
  ENDPROC
procedure Click
  private F15
  F15 = '

SELECT DISTINCT ;
orc0020.servico AS codigo ;
FROM orc0020, CTR0010 ;
INTO CURSOR exporta ;
WHERE orc0020.servico =
CTR0010.cod_grupo +
CTR0010.cod_compos + CTR0010.cod_tipo
+ ;
  CTR0010.classe_ser +
CTR0010.cod_ident ;
and orc0020.cpf = xCPF ;
and orc0020.orcamento = varOrc ;
and CTR0010.item_geogr = vUF ;
and CTR0010.pesquisa = datap

IF reccount('exporta') < 1
=msg('5')
ELSE

SELECT DISTINCT ;
orc0020.servico AS codigo, '1' AS
reg, ' ' AS codtrans,
ser0010.denominacao AS nome, ;
orc0020.quantidade AS quantidade,
ser0010.und_prod AS unidade, ;
CTR0010.preco_unit AS preco ;
FROM orc0020, ser0010, CTR0010 ;
INTO CURSOR exporta ;

```

```

Order BY 1,2 ;
WHERE orc0020.servico =
ser0010.cod_grupo +
ser0010.cod_composicao + ser0010.cod_tipo
+ ;
ser0010.classe_serv +
ser0010.cod_ident ;
and orc0020.servico =
CTR0010.cod_grupo +
CTR0010.cod_compos + CTR0010.cod_tipo
+ ;
CTR0010.classe_ser +
CTR0010.cod_ident ;
and orc0020.cpf = xCPF ;
and orc0020.orcamento = varOrc ;
and CTR0010.item_geogr = vUF ;
and CTR0010.pesquisa = datap ;
UNION ALL SELECT ;
orc0020.servico AS codigo, '2' AS
reg, Ser0060.material+ ' ' AS codtrans, ;
MAT0020.Nome_mat+F15 AS nome,
Ser0060.quantidade AS quantidade, ;
MAT0020.undw AS unidade, $0.00
AS preco ;
FROM orc0020, Ser0060, MAT0020 ;
WHERE orc0020.servico =
Ser0060.cod_grupo +
Ser0060.cod_composicao +
Ser0060.cod_tipo + ;
Ser0060.classe_serv +
Ser0060.cod_ident ;
and Ser0060.material =
MAT0020.material ;
and orc0020.cpf = xCPF ;
and orc0020.orcamento = varOrc ;
UNION ALL SELECT ;
orc0020.servico AS codigo, '3' AS
reg,
Ser0070.cod_grupo_c+Ser0070.cod_composi
cao_c+ ;
Ser0070.cod_tipo_c+Ser0070.classe_serv_c+
Ser0070.cod_ident_c AS codtrans, ;
ser0010.denominacao AS nome,
Ser0070.quantidade AS quantidade, ;
ser0010.und_prod AS unidade, $0.00
AS preco ;
FROM orc0020, Ser0070, ser0010 ;
WHERE orc0020.servico =
Ser0070.cod_grupo +
Ser0070.cod_composicao +
Ser0070.cod_tipo + ;
Ser0070.classe_serv +
Ser0070.cod_ident ;
and Ser0070.cod_grupo_c +
Ser0070.cod_composicao_c +
Ser0070.cod_tipo_c + ;
Ser0070.classe_serv_c +
Ser0070.cod_ident_c = ser0010.cod_grupo +
;
ser0010.cod_composicao +
ser0010.cod_tipo + ser0010.classe_serv +
ser0010.cod_ident ;
and orc0020.cpf = xCPF ;
and orc0020.orcamento = varOrc

ENDIF

x =
CREATEOBJECT("EXCEL.Application")
x.Application.Visible = .T.
x.WorkBooks.Add

```

```

x.ActiveWorkBook.Worksheets("Plan1").Col
umns(1).ColumnWidth=11
x.ActiveWorkBook.Worksheets("Plan1").Col
umns(2).ColumnWidth=11
x.ActiveWorkBook.Worksheets("Plan1").Col
umns(3).ColumnWidth=32
x.ActiveWorkBook.Worksheets("Plan1").Col
umns(4).ColumnWidth=10
x.ActiveWorkBook.Worksheets("Plan1").Col
umns(5).ColumnWidth=10
x.ActiveWorkBook.Worksheets("Plan1").Col
umns(6).ColumnWidth=12
x.ActiveWorkBook.Worksheets("Plan1").Col
umns(7).ColumnWidth=12

x.Cells(1,1).Value ="Responsável : "
x.Cells(1,4).Value ="UF: "
x.Cells(3,1).Value ="Orçamento : "
x.Cells(3,4).Value ="Referência : "

x.Cells(1,2).Value =orc0010.cpf
x.Cells(1,3).Value =orc0010.responsave
x.Cells(3,2).Value =orc0010.orcamento
x.Cells(3,3).Value =orc0010.titulo
x.Cells(1,5).Value =vUF
x.Cells(3,5).Value =datap

x.Cells(5,1).Value ="Código "
x.Cells(5,2).Value ="Transporte "
x.Cells(5,3).Value ="Denominação "
x.Cells(5,4).Value ="Unidade "
x.Cells(5,5).Value ="Quantidade "
x.Cells(5,6).Value ="Preço "
x.Cells(5,7).Value ="Total "

sele exporta
i=7
scan
IF reg="1"
x.Cells(i,1).Value =codigo
x.Cells(i,3).Value =nome
x.Cells(i,4).Value =unidade
x.Cells(i,5).Value =quantidade
x.Cells(i,6).Value =preco
x.Cells(i,7).Value =preco*quantidade
ELSE
x.Cells(i,2).Value =codtrans
x.Cells(i,3).Value =nome
x.Cells(i,4).Value =unidade
x.Cells(i,5).Value =quantidade
ENDIF
i=i+1
endscan

x.ActiveWorkBook.SaveAs("\temp\sicro.xls"
)

ENDIFPROC
AutoSize = .T.
BackColor = 0
Caption = "Orçamento:"
Enabled = .T.

```

```

Height = 18
Left = 59
Top = 229
Width = 74
TabIndex = 0
Name = "Label6"
ColumnCount = 2
ColumnWidths = "60,240"
RowSourceType = 3
RowSource = "select orc0010.orcamento,
orc0010.titulo from ORC0010 into cursor
ob1 order by 1 where orc0010.cpf = xcpf"
Enabled = .T.
Height = 24
Left = 152
TabIndex = 2
Top = 226
Width = 92
Name = "Combo_Orc"
procedure Valid
varOrc = Thisform.Combo_orc.Value

Thisform.CmdExt.Enabled = .f.
IF !empty(varOrc)
IF !empty(vUF)
IF !empty(datap)
Thisform.CmdExt.Enabled = .T.
ENDIF
ENDIF
ENDIF
ENDPROC
FontOutline = .f.
FontSize = 10
FontUnderline = .T.
BackColor = 0
Caption = "Seleção de Informações:"
Height = 25
Left = 18
Top = 159
Width = 180
TabIndex = 0
Name = "Label3"
AutoSize = .f.
BackColor = 0
Caption = "Responsável:"
Height = 18
Left = 17
Top = 111
Width = 84
TabIndex = 0
Name = "Label9"
FontBold = .T.
Alignment = 2
Value =
ControlSource = "orc0010.cpf"
Format = ""
Height = 24
InputMask = ""
Left = 104
ReadOnly = .T.
TabIndex = 1
Top = 108
Width = 108
Name = "Txt_cpf"
BorderColor = 255,255,255
Height = 1
Left = 14
Top = 145
Width = 493
Name = "Shape3"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 14
Top = 146
Width = 493

```

```

Name = "Shape4"
FontBold = .T.
Alignment = 0
Value =
ControlSource = "orc0010.responsave"
Format = ""
Height = 24
InputMask = ""
Left = 221
ReadOnly = .T.
TabIndex = 1
Top = 108
Width = 286
Name = "Text1"

```

1.74 FORMSPEP\TPEP0110.SCX

```

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "eqp0040"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor1"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "mat0020"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "Cursor2"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "par0010"
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor3"
Left = 440
Top = 10
Width = 95
Height = 90
Alias = "pep0010"
Database = ..\sicro.dbc
CursorSource = "pep0010"
Name = "Cursor4"
Height = 417
Width = 545
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0110"
HelpContextID = 30030
icon = ..\IMAGENS\dnr02.ico
LockScreen = .f.
Name = "tpep0110"
procedure Init
PUBLIC
tela_estab,relat_estab,tela_eq1,relat_eq,tela_
mat1,relat_mat,condic
PUBLIC datap, dataproc
* PUBLIC tela_eq2,tela_mat2, datap,
dataproc

condic=".t."

```

```

tela_estab="tpep0121"
relat_estab="rpep0011"
tela_eq1="tpep0151"
tela_mat1="tpep0152"
* tela_eq2="tpep0161"
* tela_mat2="tpep0162"

relat_eq=""
relat_mat=""

datap = ctod(Thisform.combo_data.Value)

set point to ","
set separator to "."

```

```

ENDPROC
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Sistema de Pesquisa de Preços"
Height = 37
Left = 8
Top = 36
Width = 415
TabIndex = 0
Name = "Label1"
Top = 240
Left = 7
Height = 29
Width = 119
Caption = "Estabelecimentos"
Enabled = .T.
TabIndex = 6
DisabledForeColor = 128,128,128
ColorSource = 0
Name = "estab"
procedure Click
IF !empty(Thisform.Combo_uf.Value)

condic="cod_uf="+Thisform.Combo_uf.Val
ue+""
ELSE
condic=".t."
ENDIF

do CASE
CASE Thisform.op_estab.Value=1
relat_estab="rpep0011"
tela_estab=" tpep0121"
IF Thisform.opsaida.Value=1
do form (tela_estab) with
Thisform.Combo_uf.Value
ELSE
do form impressa with
"rpep0011",condic
ENDIF

CASE Thisform.op_estab.Value=2
IF !empty(Thisform.combo_eqp.Value)
condic=condic + "and
equipamento="+Thisform.combo_eqp.Value
+""
ENDIF
IF Thisform.opsaida.Value=1
IF !empty(Thisform.Combo_uf.Value)
do form (tela_estab) with
Thisform.Combo_uf.Value,Thisform.combo_
eqp.Value
ELSE
do form (tela_estab)
ENDIF
ELSE
ENDIF

```

```

do form impressa with
"rpep0020",condic
ENDIF

CASE Thisform.op_estab.Value=3
IF !empty(Thisform.combo_mat.Value)
condic=condic + "and
material="+Thisform.combo_mat.Value+""
ENDIF

IF Thisform.opsaida.Value=1
IF !empty(Thisform.Combo_uf.Value)
do form (tela_estab) with
Thisform.Combo_uf.Value,Thisform.combo_
mat.Value
ELSE
do form (tela_estab)
ENDIF
ELSE
do form impressa with
"rpep0030",condic
ENDIF
ENDCASE

ENDPROC
AutoSize = .f.
Top = 240
Left = 193
Height = 29
Width = 104
Caption = "Equipamentos"
Enabled = .T.
TabIndex = 8
Name = "eq"
procedure Click
IF !empty(Thisform.Combo_uf.Value)

condic="cod_uf="+Thisform.Combo_uf.Val
ue+""
ELSE
condic=".t."
ENDIF

IF !empty(Thisform.combo_eqp.Value)
condic=condic + " and
equipamento="+Thisform.combo_eqp.Value
+""
ENDIF

do CASE
CASE Thisform.OP.Value=1
IF Thisform.opsaida.Value=1
do form tpep0141 with
Thisform.Combo_uf.Value,Thisform.combo_
eqp.Value
ELSE
do form impressa with
"rpep0141",condic
ENDIF
CASE Thisform.OP.Value=2
IF !empty(Thisform.combo_data.Value)
condic=condic + " and
dtoc(pesquisa)="+Thisform.combo_data.Val
ue+""
ENDIF

IF Thisform.opsaida.Value=1
IF empty(Thisform.Combo_uf.Value)
do form tpep0151 with
Thisform.Combo_uf.Value,
Thisform.combo_eqp.Value, datap
ELSE

```

```

do form tpep0161 with
Thisform.Combo_uf.Value,
Thisform.combo_eqp.Value, datap
ENDIF
ELSE
do form impressa with
"rpep0040",condic
ENDIF
ENDCASE

ENDPROC
Top = 5
Left = 491
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
StatusBarText = "Auxílio à utilização do
SICRO"
TabIndex = 12
ToolTipText = "Auxílio"
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 30030 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 8
Top = 11
Width = 301
TabIndex = 0
Name = "Label2"
BorderColor = 255,255,255
Height = 1
Left = 22
Top = 80
Width = 513
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 22
Top = 81
Width = 513
Name = "Shape2"
FontOutline = .f.
FontSize = 10
FontUnderline = .T.
BackStyle = 0
Caption = "Seleção de Informações:"
Height = 25
Left = 12
Top = 92
Width = 180
TabIndex = 0
Name = "Label3"
BorderColor = 255,255,255
Height = 1
Left = 22
Top = 228
Width = 513
Name = "Shape3"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 22
Top = 229
Width = 513
Name = "Shape4"
Top = 279
Left = 193
Height = 29

```

```

Width = 104
Caption = "Materiais"
Enabled = .T.
TabIndex = 9
Name = "mat"
procedure Click
IF !empty(Thisform.Combo_uf.Value)
condic="cod_uf="+Thisform.Combo_uf.Val
ue+""
ELSE
condic=".t."
ENDIF

IF !empty(Thisform.combo_mat.Value)
condic=condic + "and
material="+Thisform.combo_mat.Value+""
ENDIF

do CASE
CASE Thisform.OP.Value=1
IF Thisform.opsaida.Value=1
do form tpep0142 with
Thisform.Combo_uf.Value,Thisform.combo_
mat.Value
ELSE
do form impressa with
"rpep0142",condic
ENDIF
CASE Thisform.OP.Value=2
IF !empty(Thisform.combo_data.Value)
condic=condic + " and
dtoc(pesquisa)="+Thisform.combo_data.Val
ue+""
ENDIF
IF Thisform.opsaida.Value=1
IF empty(Thisform.Combo_uf.Value)
do form tpep0152 with
Thisform.Combo_uf.Value,
Thisform.combo_mat.Value, datap
ELSE
do form tpep0162 with
Thisform.Combo_uf.Value,
Thisform.combo_mat.Value, datap
ENDIF
ELSE
do form impressa with
"rpep0050",condic
ENDIF
ENDCASE

ENDPROC
Top = 336
Left = 193
Height = 29
Width = 104
Caption = "Mão-de-Obra"
Enabled = .T.
TabIndex = 10
Name = "mao"
procedure Click
IF !empty(Thisform.Combo_uf.Value)
condic="cod_uf="+Thisform.Combo_uf.Val
ue+""
ELSE
condic=".t."
ENDIF

IF !empty(Thisform.combo_data.Value)

```

```

condic=condic + " and
dtoc(pesquisa)="+Thisform.combo_data.Val
ue+""
ENDIF

do CASE
CASE Thisform.opsaida.Value=1
do form tpep0153 with datap
CASE Thisform.opsaida.Value=2
do form impressa with "rpep0060",condic
ENDCASE

ENDPROC
AutoSize = .T.
ButtonCount = 3
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 84
Left = 9
Top = 283
Width = 173
TabIndex = 7
Name = "op_estab"
Option1.BackStyle = 0
Option1.Caption = "Cadastro"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 89
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Lista de Equipamentos"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 32
Option2.Width = 163
Option2.AutoSize = .T.
Option2.Name = "Option2"
Option3.BackStyle = 0
Option3.Caption = "Lista de Materiais"
Option3.Value = 0
Option3.Height = 18
Option3.Left = 5
Option3.Top = 61
Option3.Width = 131
Option3.AutoSize = .T.
Option3.Name = "Option3"
procedure Valid
do CASE
CASE Thisform.op_estab.Value=1
relat_estab="rpep0011"
tela_estab=" tpep0121"
CASE Thisform.op_estab.Value=2
relat_estab="rpep0020"
tela_estab=" tpep0240"
CASE Thisform.op_estab.Value=3
relat_estab="rpep0030"
tela_estab=" tpep0250"
ENDCASE
ENDPROC
BorderColor = 255,255,255
Height = 128
Left = 179
Top = 240
Width = 2
Name = "Shape5"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 128
Left = 178
Top = 240
Width = 1
Name = "Shape6"

```



```

BorderColor = 255,255,255
Height = 1
Left = 22
Top = 374
Width = 513
Name = "Shape7"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 22
Top = 375
Width = 513
Name = "Shape8"
AutoSize = .T.
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 28
Left = 77
Top = 383
Width = 390
TabIndex = 0
Name = "opsaida"
Option1.BackStyle = 0
Option1.Caption = "Visualização de
Informações"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 202
Option1.AutoSize = .T.
Option1.Name = "Option1"
Option2.Alignment = 0
Option2.BackStyle = 0
Option2.Caption = "Impressão de Relatórios"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 213
Option2.Top = 5
Option2.Width = 172
Option2.AutoSize = .T.
Option2.Name = "Option2"
ColumnCount = 2
ColumnWidths = "30,175"
RowSourceType = 3
RowSource = "select par0010.uf,
par0010.denominacao from par0010 order by
1 where SUBSTR(par0010.uf,1,1) != 'Z' into
cursor datauf"
Value =
Height = 24
Left = 119
NumberOfElements = 0
Sorted = .f.
TabIndex = 3
Top = 120
Width = 196
Name = "Combo_UF"
AutoSize = .f.
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 60
Left = 315
SpecialEffect = 0
Top = 245
Width = 219
TabIndex = 11
Name = "op"
Option1.BackStyle = 0
Option1.Caption = "Estabelecimentos
Informantes"
Option1.Value = 1

Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 209
Option1.AutoSize = .T.
Option1.Name = "Option1"
Option2.Alignment = 0
Option2.BackStyle = 0
Option2.Caption = "Preço Unitário"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 40
Option2.Width = 130
Option2.AutoSize = .f.
Option2.Name = "Option2"
ColumnCount = 4
ColumnWidths = "50,100,70,70"
RowSourceType = 3
RowSource = "select
equipamento,fabricante,modelo,tipo_eqp
from eqp0040 order by equipamento into
cursor eqps"
Height = 25
Left = 119
TabIndex = 4
Top = 156
Visible = .T.
Width = 279
Name = "Combo_EQP"
ColumnCount = 4
ColumnWidths = "50,140,30,60"
RowSourceType = 3
RowSource = "select
material,nome_mat,und,fator from mat0020
order by material into cursor mats"
Height = 25
Left = 119
TabIndex = 5
Top = 190
Visible = .T.
Width = 279
Name = "Combo_mat"
BorderColor = 255,255,255
Height = 1
Left = 194
Top = 321
Width = 341
Name = "Shape9"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 194
Top = 322
Width = 341
Name = "Shape10"
Top = 334
Left = 481
Height = 28
Width = 46
Picture = ..\IMAGENS\wzclose.bmp
Caption = ""
StatusBarText = "Fechar o formulário"
TabIndex = 1
ToolTipText = "Fechar"
Name = "Cancela"
procedure Click
    sele datapesq
    use
    sele eqps
    use
    sele mats
    use
close tables

Thisform.release
ENDPROC
BackStyle = 0
Caption = "Equipamentos - "
Height = 18
Left = 20
Top = 161
Visible = .T.
Width = 97
TabIndex = 0
Name = "Label6"
BackStyle = 0
Caption = "Materiais - "
Height = 18
Left = 20
Top = 195
Visible = .T.
Width = 83
TabIndex = 0
Name = "Label7"
BackStyle = 0
Caption = "UF - "
Height = 18
Left = 20
Top = 124
Width = 33
TabIndex = 0
Name = "Label4"
Alignment = 0
RowSourceType = 3
RowSource = "select distinct pesquisa from
PEP0040 order by 1 DESC into cursor
datapesq union select distinct pesquisa from
PEP0070 union select distinct pesquisa from
PEP0080"
DisplayValue = 1
Value = (datapesq)
ControlSource = " "
Height = 24
Left = 432
Sorted = .f.
TabIndex = 2
Top = 120
Visible = .T.
Width = 91
Name = "Combo_Data"
procedure Click
    datap = ctod(Thisform.combo_data.Value)

ENDPROC
procedure Valid
    datap = ctod(Thisform.combo_data.Value)
ENDPROC
FontOutline = .f.
FontSize = 10
FontUnderline = .T.
BackStyle = 0
Caption = "Data de Referência:"
Height = 25
Left = 398
Top = 92
Width = 129
TabIndex = 0
Name = "Label5"

*****

I.75 FORMSPEP\TPEP0121.SCX

Left = 10
Top = 269
Width = 400
Height = 111
Name = "Dataenvironment"
Alias = "pep0010"
BufferModeOverride = 5
Order = "cod_local"

```

```

Database = ..\sicro.dbc
CursorSource = "pep0010"
Name = "CURSOR1"
ScaleMode = 3
Height = 306
Width = 580
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0121"
Visible = .f.
HelpContextID = 30040
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TPEP0121"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Estabelecimentos
Participantes da Pesquisa"
Label1.Width = 511
Label1.Name = "Label1"
Shape1.Name = "Shape1"
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 257
Shape3.Name = "Shape3"
Shape4.Left = 6
Shape4.Top = 258
Shape4.Name = "Shape4"
procedure Init
    parameters uf
    PUBLIC UFBASE

    IF !empty(uf)
        sele pep0010
        UFBASE=uf
        set FILTER to cod_uf=UFBASE
        GO Top
    ENDIF

ENDPROC
FontBold = .T.
Caption = "UF:"
Left = 10
Top = 61
Visible = .T.
Width = 49
Name = "LBLCOD_UF1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pep0010.cod_uf"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 79
Top = 57
Visible = .T.
Width = 34
Name = "COD_UF1"
FontBold = .T.
Caption = "Código do Estabelecimento:"
Height = 13
Left = 330
Top = 61
Visible = .T.
Width = 158

```

```

Name = "LBLLOCAL1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pep0010.local"
Enabled = .f.
Height = 24
InputMask = "XXXX"
Left = 497
Top = 57
Visible = .T.
Width = 58
Name = "LOCAL1"
FontBold = .T.
Caption = "Nome:"
Left = 10
Top = 89
Visible = .T.
Width = 49
Name = "LBLNOME1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pep0010.nome"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 80
Top = 85
Visible = .T.
Width = 475
Name = "NOME1"
FontBold = .T.
Caption = "Endereco:"
Left = 10
Top = 116
Visible = .T.
Width = 49
Name = "LBLENDERECO1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pep0010.endereco"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 80
Top = 112
Visible = .T.
Width = 475
Name = "ENDERECO1"
FontBold = .T.
Caption = "Cidade:"
Left = 10
Top = 145
Visible = .T.
Width = 49
Name = "LBLCIDADE1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pep0010.cidade"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 79
Top = 141
Visible = .T.
Width = 179
Name = "CIDADE1"
FontBold = .T.

```

```

Caption = "CEP:"
Height = 16
Left = 419
Top = 145
Visible = .T.
Width = 31
Name = "LBLCEP1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pep0010.cep"
Enabled = .f.
Height = 24
InputMask = "XXXXXXXXXX"
Left = 456
Top = 141
Visible = .T.
Width = 99
Name = "CEP1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pep0010.ddd"
Enabled = .f.
Height = 24
InputMask = "XXXXX"
Left = 79
Top = 169
Visible = .T.
Width = 50
Name = "DDD1"
FontBold = .T.
Caption = "Telefone:"
Left = 10
Top = 175
Visible = .T.
Width = 49
Name = "LBLTELEFONE1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pep0010.telefone"
Enabled = .f.
Height = 24
InputMask = "XXXXXXXXXXXXXXXXXXXX"
Left = 136
Top = 169
Visible = .T.
Width = 206
Name = "TELEFONE1"
FontBold = .T.
Caption = "Contato:"
Left = 10
Top = 201
Visible = .T.
Width = 49
Name = "LBLPESSOA1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pep0010.pessoa"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 79
Top = 197
Visible = .T.
Width = 307
Name = "PESSOA1"
FontBold = .T.
Caption = "E-Mail:"
Left = 10
Top = 229
Visible = .T.

```

```

Width = 49
Name = "LBLE_MAIL1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pep0010.e_mail"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXX"
Left = 79
Top = 225
Visible = .T.
Width = 235
Name = "E_MAIL1"
AutoSize = .T.
BackStyle = 0
Caption = "Fax:"
Height = 18
Left = 360
Top = 172
Width = 28
Name = "Label2"
ControlSource = "pep0010.fax"
Enabled = .f.
Height = 24
Left = 404
Top = 169
Width = 151
Name = "Fax"
Top = 272
Left = 104
Width = 368
Height = 27
Name = "Navegal"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 8
Left = 543
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 12
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 30040 IN Screen
ENDPROC

```

1.76 FORMSPEP/TPEP0141.SCX

```

Left = 56
Top = 133
Width = 400
Height = 103
Name = "Dataenvironment"
Alias = "eqp0040"
BufferModeOverride = 5
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "CURSOR1"
Left = 160
Top = 10
Width = 90

```

```

Height = 90
Alias = "pep0010"
Database = ..\sicro.dbc
CursorSource = "pep0010"
Name = "Cursor2"
Left = 20
Top = 130
Width = 90
Height = 90
Alias = "pep0020"
Database = ..\sicro.dbc
CursorSource = "pep0020"
Name = "Cursor3"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "pep0020"
ChildOrder = "eqp"
Name = "Relation1"
ScaleMode = 3
Height = 372
Width = 615
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0141"
Visible = .f.
HelpContextID = 30070
icon = ..\IMAGENS\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TPEP0141"
layoutsty.Shape1.Name = "SHAPE1"
layoutsty.Shape2.Name = "SHAPE2"
layoutsty.Shape3.Name = "SHAPE3"
layoutsty.Shape4.Name = "SHAPE4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "LAYOUTSTY"
Label1.BackColor = 0,0,0
Label1.Caption = "Equipamentos:
Estabelecimentos Informantes"
Label1.Width = 536
Label1.Name = "LABEL1"
Shape1.Height = 1
Shape1.Left = 7
Shape1.Top = 42
Shape1.Width = 601
Shape1.Name = "SHAPE1"
Shape2.Height = 1
Shape2.Left = 7
Shape2.Top = 43
Shape2.Width = 601
Shape2.Name = "SHAPE2"
Shape3.Left = 7
Shape3.Top = 331
Shape3.Width = 601
Shape3.Name = "SHAPE3"
Shape4.Left = 7
Shape4.Top = 332
Shape4.Width = 601
Shape4.Name = "SHAPE4"
procedure Refresh
sele Eqp0040

este_equip=Thisform.EQUIPAMENTO1.Val
ue
IF used("eqpLOCAL")
sele eqplocal
use
ENDIF

Thisform.List1.Requery
Thisform.List1.Refresh

```

```

sele Eqp0040
ENDPROC
procedure Init
parameters uf,XEQP
PUBLIC UFBASE,este_equip
UFBASE=""
IF !empty(uf)
UFBASE=uf
ENDIF
este_equip=""
sele Eqp0040
set Order to tag iequip
IF !empty(XEQP)
este_equip=XEQP
*seek este_equip
set FILTER to equipamento=este_equip
GO Top
ELSE
GO Top
este_equip=Eqp0040.equipamento
ENDIF

with Thisform.List1
IF empty(UFBASE)
.RowSource="select
pep0010.cod_uf,cidade,pep0010.local,nome
from pep0020,pep0010 where
pep0010.local=pep0020.local and
pep0010.cod_uf=pep0020.cod_uf and
pep0020.equipamento=este_equip order by
pep0010.cod_uf,pep0010.local into cursor
eqplocal"
ELSE
.RowSource='select
pep0010.cod_uf,cidade,pep0010.local,nome
from pep0020,pep0010 where
pep0010.local=pep0020.local and
pep0010.cod_uf=pep0020.cod_uf and
pep0020.equipamento=este_equip and
pep0020.cod_uf=ufbase order by
pep0010.local into cursor eqplocal'
ENDIF
Endwith
sele Eqp0040

ENDPROC
BackColor = 192,192,192
Height = 30
Left = 13
Top = 133
Width = 587
Name = "Shape5"
Caption = "Equipamento:"
Left = 10
Top = 59
Visible = .T.
Width = 64
Name = "LBLEQUIPAMENTO1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "eqp0040.equipamento"
Enabled = .f.
Height = 24
InputMask = "XXXX"
Left = 94
Top = 53
Visible = .T.
Width = 54
Name = "EQUIPAMENTO1"
Caption = "Classe:"
Height = 13
Left = 182
Top = 59
Visible = .T.

```

```

Width = 40
Name = "LBLCLASSE1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "eqp0040.classe"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 230
Top = 53
Visible = .T.
Width = 50
Name = "CLASSE1"
Caption = "Fabricante:"
Left = 10
Top = 84
Visible = .T.
Width = 64
Name = "LBLFABRICANTE1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "eqp0040.fabricante"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 94
Top = 80
Visible = .T.
Width = 405
Name = "FABRICANTE1"
Caption = "Modelo:"
Left = 10
Top = 110
Visible = .T.
Width = 64
Name = "LBLMODELO1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "eqp0040.modelo"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 94
Top = 106
Visible = .T.
Width = 405
Name = "MODELO1"
Caption = "Tipo:"
Height = 13
Left = 333
Top = 59
Visible = .T.
Width = 32
Name = "LBLTIPO_EQP1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "eqp0040.tipo_eqp"
Enabled = .f.
Height = 24
InputMask = "XXXXXXXXXXXXXXXXXX"
Left = 365
Top = 53
Visible = .T.
Width = 134
Name = "TIPO_EQP1"
Caption = "Montagem:"
Left = 527
Top = 59

```

```

Visible = .T.
Width = 64
Name = "LBLCOMPOSICAO1"
Top = 57
Left = 596
Width = 18
AutoSize = .T.
Caption = ""
Value = .f.
ControlSource = "eqp0040.montagem"
Enabled = .f.
Visible = .T.
Name = "COMPOSICAO1"
ColumnCount = 4
ColumnWidths = "60,150,100,200"
RowSourceType = 3
Height = 167
Left = 12
Top = 161
Width = 589
Name = "List1"
Top = 343
Left = 120
Width = 368
Height = 27
Name = "Navega1"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
procedure cmdPrev.Click
    TxtBtns.cmdPrev::Click
    Thisform.Refresh
ENDPROC
procedure cmdNext.Click
    TxtBtns.cmdNext::Click
    Thisform.Refresh
ENDPROC
procedure cmdTop.Click
    TxtBtns.cmdTop::Click
    Thisform.Refresh
ENDPROC
procedure cmdEnd.Click
    TxtBtns.cmdEnd::Click
    Thisform.Refresh
ENDPROC
AutoSize = .T.
BackStyle = 0
Caption = "UF"
Height = 18
Left = 14
Top = 141
Width = 17
Name = "Label2"
AutoSize = .T.
BackStyle = 0
Caption = "Cidade"
Height = 18
Left = 81
Top = 141
Width = 45
Name = "Label3"
AutoSize = .T.
BackStyle = 0
Caption = "Local"
Height = 18
Left = 240
Top = 141
Width = 35
Name = "Label4"

```

```

AutoSize = .T.
BackStyle = 0
Caption = "Nome"
Height = 18
Left = 339
Top = 141
Width = 37
Name = "Label5"
Top = 8
Left = 575
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 12
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30070 IN Screen
ENDPROC

```

1.77 FORMSPEP\TPEP0142.SCX

```

Left = 33
Top = 133
Width = 475
Height = 204
Name = "Dataenvironment"
Alias = "mat0020"
BufferModeOverride = 5
Order = "imaterial"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "Cursor1"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "pep0010"
Database = ..\sicro.dbc
CursorSource = "pep0010"
Name = "Cursor2"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "pep0050"
Database = ..\sicro.dbc
CursorSource = "pep0050"
Name = "Cursor3"
ParentAlias = "mat0020"
RelationalExpr = "material"
ChildAlias = "pep0050"
ChildOrder = "mat"
Name = "Relation1"
ScaleMode = 3
Height = 399
Width = 587
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0142"
Visible = .f.
HelpContextID = 30080
icon = ..\IMAGENS\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TPEP0142"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571

```

```

layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Materiais:
Estabelecimentos Informantes"
Label1.Width = 481
Label1.Name = "Label1"
Shape1.Name = "Shape1"
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 356
Shape3.Name = "Shape3"
Shape4.Left = 6
Shape4.Top = 357
Shape4.Name = "Shape4"
procedure Refresh
    sele MAT0020
    este_mat=Thisform.MATERIAL1.Value
    IF used("eqpLOCAL")
        sele eqplocal
        use
    ENDIF

    Thisform.List1.Requery
    Thisform.List1.Refresh

    sele MAT0020
ENDPROC
procedure Init
    parameters uf,xmat
    set safety off
    PUBLIC UFBASE,este_mat
    UFBASE=""
    IF !empty(uf)
        UFBASE=uf
    ENDIF
    este_mat=""
    sele MAT0020
    set Order to tag imaterial
    IF !empty(xmat)
        este_mat=xmat
        * seek este_mat
        set FILTER to material=este_mat
        GO Top
    ELSE
        GO Top
        este_mat=MAT0020.material
    ENDIF

    IF empty(UFBASE)
        Thisform.List1.RowSource="select
Distinct
pep0010.cod_uf,cidade,pep0010.local,nome
from pep0050,pep0010 where
pep0010.local=pep0050.local and
pep0010.cod_uf=pep0050.cod_uf and
pep0050.material=este_mat into cursor
MATlocal"
    ELSE
        Thisform.List1.RowSource="select
Distinct
pep0010.cod_uf,cidade,pep0010.local,nome
from pep0050,pep0010 where
pep0010.local=pep0050.local and
pep0010.cod_uf=pep0050.cod_uf and
pep0050.material=este_mat AND
PEP0010.COD_UF=UFBASE into cursor
MATlocal"
    ENDIF
    sele MAT0020
ENDPROC
Caption = "Material:"
Left = 10
Top = 54
Visible = .T.
Width = 59

Name = "LBLMATERIAL1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "mat0020.material"
Enabled = .f.
Height = 24
InputMask = "XXXX"
Left = 89
Top = 48
Visible = .T.
Width = 50
Name = "MATERIAL1"
Caption = "Classe:"
Height = 13
Left = 212
Top = 54
Visible = .T.
Width = 38
Name = "LBLCLASSE_MAT1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "mat0020.classe_mat"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 261
Top = 48
Visible = .T.
Width = 38
Name = "CLASSE_MAT1"
Caption = "Denominação:"
Height = 13
Left = 10
Top = 80
Visible = .T.
Width = 72
Name = "LBLNOME_MAT1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "mat0020.nome_mat"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 89
Top = 75
Visible = .T.
Width = 296
Name = "NOME_MAT1"
Caption = "Unidade:"
Height = 13
Left = 391
Top = 84
Visible = .T.
Width = 45
Name = "LBLUND1"
FontBold = .f.
FontSize = 10
Value =
ControlSource = "mat0020.und"
Enabled = .f.
Height = 24
InputMask = "XXX"
Left = 443
Top = 75
Visible = .T.
Width = 48
Name = "UND1"
Caption = "Descrição:"
Left = 10
Top = 107
Visible = .T.

Width = 59
Name = "LBLDESCRICA01"
FontBold = .T.
FontSize = 10
BackColor = 255,255,255
ForeColor = 128,128,128
Height = 50
Left = 89
ReadOnly = .T.
Top = 103
Visible = .T.
Width = 402
Value =
ControlSource = "mat0020.descricao"
Name = "DESCRICA01"
BackColor = 192,192,192
Height = 30
Left = 4
Top = 156
Width = 571
Name = "Shape5"
ColumnCount = 4
ColumnWidths = "60,150,100,200"
RowSourceType = 3
Height = 167
Left = 3
Top = 184
Width = 574
Name = "List1"
AutoSize = .T.
BackStyle = 0
Caption = "UF"
Height = 18
Left = 5
Top = 164
Width = 17
Name = "Label2"
AutoSize = .T.
BackStyle = 0
Caption = "Cidade"
Height = 18
Left = 72
Top = 164
Width = 45
Name = "Label3"
AutoSize = .T.
BackStyle = 0
Caption = "Local"
Height = 18
Left = 231
Top = 164
Width = 35
Name = "Label4"
AutoSize = .T.
BackStyle = 0
Caption = "Nome"
Height = 18
Left = 330
Top = 164
Width = 37
Name = "Label5"
Top = 360
Left = 108
Width = 368
Height = 27
Name = "Navega1"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"

```

```

procedure cmdPrev.Click
  TxtBtns.cmdPrev::Click
  Thisform.Refresh
ENDPROC
procedure cmdNext.Click
  TxtBtns.cmdNext::Click
  Thisform.Refresh
ENDPROC
procedure cmdTop.Click
  TxtBtns.cmdTop::Click
  Thisform.Refresh
ENDPROC
procedure cmdEnd.Click
  TxtBtns.cmdEnd::Click
  Thisform.Refresh
ENDPROC
Top = 9
Left = 544
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 12
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
  HELP ID 30080 IN Screen
ENDPROC

```

1.78 FORMSPEP\TPEP0151.SCX

```

Left = 0
Top = 0
Width = 792
Height = 451
InitialSelectedAlias = "eqp0040"
Name = "Dataenvironment"
Alias = "eqp0040"
BufferModeOverride = 1
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "CURSOR1"
Alias = "pep0040"
BufferModeOverride = 1
Database = ..\sicro.dbc
CursorSource = "pep0040"
Name = "CURSOR2"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "pep0040"
ChildOrder = "eqp"
Name = "Relation1"
DataSession = 2
ScaleMode = 3
Height = 430
Width = 634
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0151"
Visible = .f.
HelpContextID = 30090
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TPEP0151"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.

```

```

layoutsty.Name = "layoutsty"
Label1.Caption = "Equipamentos: Preços
Unitários"
Label1.Width = 380
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 13
Shape1.Top = 42
Shape1.Width = 610
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 13
Shape2.Top = 43
Shape2.Width = 610
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 13
Shape3.Top = 385
Shape3.Width = 610
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 13
Shape4.Top = 386
Shape4.Width = 610
Shape4.Name = "Shape4"
procedure Init
  parameters uf, XEQP, datap
  PUBLIC UFBASE

  sele pep0040

  IF !empty(uf)
    UFBASE=uf
    set FILTER to cod_uf=UFBASE and
pesquisa = datap and SUBSTR(cod_uf,1,1)
!= "Z"
    GO Top
  ELSE
    set FILTER to pesquisa = datap and
SUBSTR(cod_uf,1,1) != "Z"
    GO Top
  ENDIF

ENDPROC
AutoSize = .f.
FontBold = .T.
Caption = "Equipamento:"
Left = 10
Top = 51
Visible = .T.
Width = 75
Name = "LBLEQUIPAMENTO1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "eqp0040.equipamento"
Enabled = .f.
Height = 24
InputMask = "XXXX"
Left = 94
ReadOnly = .T.
Top = 47
Visible = .T.
Width = 58
Name = "EQUIPAMENTO1"
AutoSize = .f.
FontBold = .T.
Caption = "Classe:"
Height = 16
Left = 158
Top = 51
Visible = .T.
Width = 41
Name = "LBLCLASSE1"
FontBold = .T.

```

```

FontSize = 10
Value =
ControlSource = "eqp0040.classe"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 200
ReadOnly = .T.
Top = 47
Visible = .T.
Width = 52
Name = "CLASSE1"
AutoSize = .f.
FontBold = .T.
Caption = "Fabricante:"
Left = 10
Top = 78
Visible = .T.
Width = 60
Name = "LBLFABRICANTE1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "eqp0040.fabricante"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 94
ReadOnly = .T.
Top = 74
Visible = .T.
Width = 377
Name = "FABRICANTE1"
AutoSize = .f.
FontBold = .T.
Caption = "Modelo:"
Left = 10
Top = 106
Visible = .T.
Width = 44
Name = "LBLMODELO1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "eqp0040.modelo"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 94
ReadOnly = .T.
Top = 102
Visible = .T.
Width = 377
Name = "MODELO1"
AutoSize = .f.
FontBold = .T.
Caption = "Tipo:"
Height = 16
Left = 264
Top = 52
Visible = .T.
Width = 23
Name = "LBLTIPO_EQP1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "eqp0040.tipo_eqp"
Enabled = .f.
Height = 24
InputMask = ""
Left = 297
ReadOnly = .T.

```

Top = 47
 Visible = .T.
 Width = 293
 Name = "TIPO_EQP1"
 ColumnCount = 10
 DeleteMark = .f.
 HeaderHeight = 19
 Height = 248
 Left = 22
 LinkMaster = ""
 Panel = 1
 ReadOnly = .T.
 RecordMark = .f.
 RecordSource = "pep0040"
 RecordSourceType = 1
 RelationalExpr = ""
 tag = ""
 Top = 132
 Visible = .T.
 Width = 590
 Comment = ""
 Name = "grid1"
 Column1.Alignment = 2
 Column1.ControlSource = "pep0040.cod_uf"
 Column1.Width = 40
 Column1.ReadOnly = .T.
 Column1.Visible = .T.
 Column1.Name = "Column1"
 Column2.Bound = .f.
 Column2.ColumnOrder = 10
 Column2.ControlSource = ""
 Column2.Enabled = .T.
 Column2.Width = 0
 Column2.Resizable = .f.
 Column2.ReadOnly = .T.
 Column2.Sparse = .f.
 Column2.Visible = .f.
 Column2.Name = "Column2"
 Column3.Bound = .f.
 Column3.ColumnOrder = 2
 Column3.ControlSource = "pep0040.aquisicao"
 Column3.Width = 105
 Column3.ReadOnly = .T.
 Column3.Sparse = .f.
 Column3.Visible = .T.
 Column3.Name = "Column3"
 Column4.Bound = .f.
 Column4.ColumnOrder = 3
 Column4.ControlSource = ""
 Column4.Width = 105
 Column4.ReadOnly = .T.
 Column4.Sparse = .f.
 Column4.Visible = .T.
 Column4.Name = "Column4"
 Column5.Bound = .f.
 Column5.ColumnOrder = 4
 Column5.ControlSource = ""
 Column5.Width = 105
 Column5.ReadOnly = .T.
 Column5.Sparse = .f.
 Column5.Visible = .T.
 Column5.Name = "Column5"
 Column6.Bound = .f.
 Column6.ColumnOrder = 5
 Column6.ControlSource = ""
 Column6.Width = 105
 Column6.ReadOnly = .T.
 Column6.Sparse = .f.
 Column6.Visible = .T.
 Column6.Name = "Column6"
 Column7.Bound = .f.
 Column7.ColumnOrder = 6
 Column7.ControlSource = ""
 Column7.Width = 105
 Column7.ReadOnly = .T.

Column7.Sparse = .f.
 Column7.Visible = .T.
 Column7.Name = "Column7"
 Column8.Bound = .f.
 Column8.ColumnOrder = 7
 Column8.ControlSource = ""
 Column8.Width = 105
 Column8.ReadOnly = .T.
 Column8.Sparse = .f.
 Column8.Visible = .T.
 Column8.Name = "Column8"
 Column9.Bound = .f.
 Column9.ColumnOrder = 8
 Column9.ControlSource = ""
 Column9.Width = 105
 Column9.ReadOnly = .T.
 Column9.Sparse = .f.
 Column9.Visible = .T.
 Column9.Name = "Column9"
 Column10.Bound = .f.
 Column10.ColumnOrder = 9
 Column10.ControlSource = ""
 Column10.Width = 105
 Column10.ReadOnly = .T.
 Column10.Sparse = .f.
 Column10.Visible = .T.
 Column10.Name = "Column10"
 Alignment = 2
 Caption = "UF"
 Name = "Header1"
 Alignment = 2
 BackColor = 255,255,255
 BorderStyle = 0
 Value =
 ForeColor = 0,0,0
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"
 Caption = "Pesquisa"
 Name = "Header1"
 Alignment = 3
 BackColor = 255,255,255
 BorderStyle = 0
 Value = { / / }
 Enabled = .T.
 ForeColor = 0,0,0
 Margin = 0
 ReadOnly = .T.
 Visible = .f.
 ColorSource = 3
 Name = "Text1"
 Alignment = 2
 Caption = "Aquisição"
 Name = "Header1"
 FontSize = 10
 Alignment = 1
 BackColor = 255,255,255
 BorderStyle = 0
 Value = \$0,00
 ControlSource = "pep0040.aquisicao"
 ForeColor = 0,0,0
 InputMask = "999,999,999.99"
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"
 Alignment = 2
 Caption = "Depreciação"
 Name = "Header1"
 Alignment = 1
 BackColor = 255,255,255
 BorderStyle = 0
 Value = \$0,00
 ControlSource = "pep0040.depreciacao"
 ForeColor = 0,0,0

InputMask = "999,999,999.99"
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"
 Alignment = 2
 Caption = "Impostos/SgObr"
 Name = "Header1"
 Alignment = 1
 BackColor = 255,255,255
 BorderStyle = 0
 Value = \$0,00
 ControlSource = "pep0040.remunera"
 ForeColor = 0,0,0
 InputMask = "999,999,999.99"
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"
 Alignment = 2
 Caption = "Manutenção"
 Name = "Header1"
 Alignment = 1
 BackColor = 255,255,255
 BorderStyle = 0
 Value = \$0,00
 ControlSource = "pep0040.manutencao"
 ForeColor = 0,0,0
 InputMask = "999,999,999.99"
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"
 FontStrikethru = .f.
 Alignment = 2
 Caption = "Material (H)"
 Name = "Header1"
 Alignment = 1
 BackColor = 255,255,255
 BorderStyle = 0
 Value = \$0,00
 ControlSource = "pep0040.oper_a_mat"
 ForeColor = 0,0,0
 InputMask = "999,999,999.99"
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"
 Alignment = 2
 Caption = "Mão-de-Obra (H)"
 Name = "Header1"
 Alignment = 1
 BackColor = 255,255,255
 BorderStyle = 0
 Value = \$0,00
 ControlSource = "pep0040.oper_a_mo"
 ForeColor = 0,0,0
 InputMask = "999,999,999.9999"
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"
 Alignment = 2
 Caption = "Operativo (H)"
 Name = "Header1"
 Alignment = 1
 BackColor = 255,255,255
 BorderStyle = 0
 Value = \$0,0000
 ControlSource = "pep0040.hora_oper_a"
 ForeColor = 0,0,0
 InputMask = "999,999,999.9999"
 Margin = 0
 ReadOnly = .T.
 ColorSource = 3
 Name = "Text1"

```

Alignment = 2
Caption = "Improdutivo (H)"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,0000
ControlSource = "pep0040.hora_parado"
ForeColor = 0,0,0
InputMask = "999,999,999.9999"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 95
Left = 560
Height = 18
Width = 15
BackStyle = 0
Caption = " "
ControlSource = "eqp0040.montagem"
Name = "Check1"
AutoSize = .f.
FontBold = .T.
FontSize = 8
BackStyle = 0
Caption = "Montagem:"
Height = 16
Left = 527
Top = 74
Width = 62
Name = "Label2"
Top = 396
Left = 146
Width = 368
Height = 27
Name = "Navega1"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 6
Left = 593
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 12
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30090 IN Screen
ENDPROC

```

1.79 FORMSPEP\TPEP0152.SCX

```

Left = 10
Top = 269
Width = 400
Height = 111
Name = "Dataenvironment"
Alias = "mat0020"
BufferModeOverride = 5
Order = "material"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "CURSOR1"
Alias = "pep0070"
BufferModeOverride = 5

```

```

Database = ..\sicro.dbc
CursorSource = "pep0070"
Name = "CURSOR2"
ParentAlias = "mat0020"
RelationalExpr = "material"
ChildAlias = "pep0070"
ChildOrder = "mat"
Name = "RELATION1"
ScaleMode = 3
Height = 398
Width = 558
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0152"
Visible = .f.
HelpContextID = 30100
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TPEP0152"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Materiais: Preços
Unitários"
Label1.Width = 325
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 6
Shape1.Top = 42
Shape1.Width = 546
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 6
Shape2.Top = 43
Shape2.Width = 546
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 6
Shape3.Top = 353
Shape3.Width = 546
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 6
Shape4.Top = 354
Shape4.Width = 546
Shape4.Name = "Shape4"
procedure Init
    parameters uf,xmat, datap
    PUBLIC UFBASE
    IF !empty(uf)
        UFBASE=uf
        sele pep0070
        set FILTER to cod_uf=UFBASE and
pesquisa = datap and SUBSTR(cod_uf,1,1)
!= 'Z'
        GO Top
    ELSE
        sele pep0070
        set FILTER to pesquisa = datap and
SUBSTR(cod_uf,1,1) != 'Z'
        GO Top
    ENDIF
ENDPROC
Caption = "Material:"
Left = 10
Top = 54

```

```

Visible = .T.
Width = 59
Name = "LBLMATERIAL1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "mat0020.material"
Enabled = .f.
Height = 24
InputMask = "XXXXX"
Left = 104
Top = 48
Visible = .T.
Width = 56
Name = "MATERIAL1"
Caption = "Classe:"
Height = 13
Left = 195
Top = 54
Visible = .T.
Width = 43
Name = "LBLCLASSE_MAT1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "mat0020.classe_mat"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 250
Top = 48
Visible = .T.
Width = 45
Name = "CLASSE_MAT1"
Caption = "Denominação:"
Height = 13
Left = 10
Top = 84
Visible = .T.
Width = 70
Name = "LBLNOME_MAT1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "mat0020.nome_mat"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 104
Top = 77
Visible = .T.
Width = 350
Name = "NOME_MAT1"
Caption = "Unidade:"
Height = 13
Left = 350
Top = 54
Visible = .T.
Width = 43
Name = "LBLUND1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "mat0020.und"
Enabled = .f.
Height = 24
InputMask = "XXX"
Left = 406
Top = 48
Visible = .T.
Width = 48
Name = "UND1"
Caption = "Descrição:"
Left = 10

```



```

Top = 107
Visible = .T.
Width = 59
Name = "LBLDESCRICA01"
FontBold = .T.
FontSize = 10
BackColor = 255,255,255
ForeColor = 128,128,128
Height = 50
Left = 105
ReadOnly = .T.
Top = 103
Visible = .T.
Width = 349
Value =
ControlSource = "mat0020.descricao"
Name = "DESCRICA01"
ColumnCount = 3
DeleteMark = .f.
Height = 190
Left = 160
ReadOnly = .T.
RecordMark = .f.
RecordSource = "pep0070"
RecordSourceType = 1
ScrollBars = 2
tag = ""
Top = 159
Visible = .T.
Width = 239
Comment = ""
Name = "grid1"
Column1.ControlSource = "pep0070.cod_uf"
Column1.Width = 40
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource = "mat0020.und"
Column2.Width = 79
Column2.ReadOnly = .T.
Column2.Sparse = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"pep0070.valor_mat"
Column3.Width = 98
Column3.ReadOnly = .T.
Column3.Sparse = .f.
Column3.Visible = .T.
Column3.Name = "Column3"
Alignment = 2
Caption = "UF"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Und Com"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "mat0020.und"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"

```

```

Alignment = 2
Caption = "Preço Unitário"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "pep0070.valor_mat"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 360
Left = 108
Width = 368
Height = 27
Name = "Navega1"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 7
Left = 517
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 12
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 30100 IN Screen
ENDPROC

*****

1.80 FORMSPEP\TPEP0153.SCX

Left = 38
Top = 62
Width = 695
Height = 325
InitialSelectedAlias = "mao0010"
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 122
Height = 144
Alias = "pep0080"
BufferModeOverride = 5
Order = "imao"
Database = ..\sicro.dbc
CursorSource = "pep0080"
Name = "CURSOR2"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "mao0010"
Order = "imaodeobra"
Database = ..\sicro.dbc
CursorSource = "mao0010"
Name = "Curs0r3"
ParentAlias = "mao0010"
RelationalExpr = "mao_d_obra"
ChildAlias = "pep0080"
ChildOrder = "imao"
Name = "Relation1"
ScaleMode = 3

```

```

Height = 410
Width = 586
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0153"
Visible = .f.
HelpContextID = 30110
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TPEP0153"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Mão-de-Obra: Custo
Unitário"
Label1.Width = 352
Label1.Name = "Label1"
Shape1.Name = "Shape1"
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 355
Shape3.Name = "Shape3"
Shape4.Left = 6
Shape4.Top = 356
Shape4.Name = "Shape4"
procedure Init
Parameter datap
PUBLIC nRec

sele pep0080
set FILTER to pesquisa = datap and
SUBSTR(cod_uf,1,1) != "Z"
GO Top

Thisform.grid1.Refresh

ENDPROC
FontBold = .T.
FontSize = 10
Caption = "Mão-de-Obra:"
Height = 13
Left = 10
Top = 60
Visible = .T.
Width = 88
Name = "LBLMAO_DE_OBRA1"
Value =
ControlSource = "mao0010.mao_d_obra"
Enabled = .f.
Height = 24
InputMask = "XXXX"
Left = 99
ReadOnly = .T.
Top = 54
Visible = .T.
Width = 46
Name = "MAO_DE_OBRA1"
Value =
ControlSource = "mao0010.descricao"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
XXXXXXXXXX"
Left = 149
ReadOnly = .T.
Top = 54

```

```

Visible = .T.
Width = 277
Name = "DESCRICA01"
ColumnCount = 5
DeleteMark = .f.
Height = 249
Left = 90
ReadOnly = .T.
RecordSource = "pep0080"
RecordSourceType = 1
ScrollBars = 2
tag = ""
Top = 90
Visible = .T.
Width = 407
Comment = ""
Name = "grid1"
Column1.Bound = .f.
Column1.ControlSource = "pep0080.cod_uf"
Column1.Width = 80
Column1.ReadOnly = .T.
Column1.Sparse = .f.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ColumnOrder = 5
Column2.ControlSource = ""
Column2.Enabled = .f.
Column2.Width = 0
Column2.Resizable = .f.
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ColumnOrder = 2
Column3.ControlSource =
"pep0080.valor_mo"
Column3.Width = 98
Column3.ReadOnly = .T.
Column3.Sparse = .f.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ColumnOrder = 3
Column4.ControlSource =
"pep0080.encargos"
Column4.Width = 98
Column4.ReadOnly = .T.
Column4.Sparse = .f.
Column4.Visible = .T.
Column4.Name = "Column4"
Column5.Bound = .f.
Column5.ColumnOrder = 4
Column5.ControlSource =
"pep0080.hora_mo"
Column5.Width = 98
Column5.ReadOnly = .T.
Column5.Sparse = .f.
Column5.Visible = .T.
Column5.Name = "Column5"
Alignment = 2
Caption = "UF"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "pep0080.cod_uf"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Pesquisa"
Name = "Header1"
Alignment = 3

```

```

BackColor = 255,255,255
BorderStyle = 0
Value = { / / }
Enabled = .f.
ForeColor = 0,0,0
Margin = 0
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Valor Mensal"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "pep0080.valor_mo"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Encargos/Adic."
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "pep0080.encargos"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Custo Horário"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = 0.0000
ControlSource = "pep0080.hora_mo"
ForeColor = 0,0,0
InputMask = "999,999.9999"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 369
Left = 201
Width = 368
Height = 27
Name = "Navega1"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Alignment = 2
Value = { / / }
ControlSource = "pep0080.pesquisa"
Height = 24
Left = 456
Top = 54
Width = 89
Name = "Text2"
Top = 368
Left = 35
Height = 29
Width = 123

```

```

Caption = "Valores Regionais"
Name = "Command1"
procedure Click
nRec = RECNO()

do form tpep0183 with datap

sele pep0080
set FILTER to pesquisa = datap and
SUBSTR(cod_uf,1,1) != "Z"
GOTO nRec

Thisform.grid1.Refresh

ENDPROC
Top = 8
Left = 543
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 12
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 30110 IN Screen
ENDPROC

*****

1.81 FORMSPEP\TPEP0161.SCX

Left = 0
Top = 0
Width = 792
Height = 419
InitialSelectedAlias = "par0010"
Name = "Dataenvironment"
Alias = "par0010"
BufferModeOverride = 5
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "CURSOR1"
Left = 144
Top = 16
Width = 90
Height = 90
Alias = "pep0040"
Database = ..\sicro.dbc
CursorSource = "pep0040"
Name = "Cursor3"
ParentAlias = "par0010"
RelationalExpr = "uf"
ChildAlias = "pep0040"
ChildOrder = "cod_uf"
Name = "Relation1"
Left = 258
Top = 26
Width = 90
Height = 90
Alias = "eqp0040"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor2"
ParentAlias = "pep0040"
RelationalExpr = "equipamento"
ChildAlias = "eqp0040"
ChildOrder = "iequip"
Name = "Relation2"
Left = 440
Top = 10
Width = 90
Height = 90
Alias = "pepv0060"
Database = ..\sicro.dbc

```

```

CursorSource = "pepv0060"
Name = "Cursor4"
DataSession = 2
ScaleMode = 3
Height = 449
Width = 686
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0161"
Visible = .f.
HelpContextID = 30120
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TPEP0161"
layoutsty.Shape1.Name = "SHAPE1"
layoutsty.Shape2.Name = "SHAPE2"
layoutsty.Shape3.Name = "SHAPE3"
layoutsty.Shape4.Name = "SHAPE4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "LAYOUTSTY"
Label1.Caption = "UF: Preço Unitário dos Equipamentos Pesquisados"
Label1.Left = 12
Label1.Top = 8
Label1.Width = 599
Label1.Name = "LABEL1"
Shape1.Height = 1
Shape1.Left = 10
Shape1.Top = 42
Shape1.Width = 667
Shape1.Name = "SHAPE1"
Shape2.Height = 1
Shape2.Left = 10
Shape2.Top = 43
Shape2.Width = 667
Shape2.Name = "SHAPE2"
Shape3.Height = 1
Shape3.Left = 10
Shape3.Top = 412
Shape3.Width = 667
Shape3.Name = "SHAPE3"
Shape4.Height = 1
Shape4.Left = 10
Shape4.Top = 413
Shape4.Width = 667
Shape4.Name = "SHAPE4"
procedure Init
    parameters par_uf,peqp, datap
    set safety off
    PUBLIC UFBASE,este_uf
    UFBASE=""
    este_uf=""
    IF !empty (par_uf)
        UFBASE=par_uf
        este_uf=par_uf
        sele par0010
        SEEK UFBASE
    ELSE
        sele par0010
        GO Top
        este_uf=par0010.uf
    ENDIF

    sele PEPV0060
    set FILTER to cod_uf=este_uf and
pesquisa = datap
GO Top

```

```

        sele par0010
        ENDPROC
        procedure Refresh

        sele par0010
        este_uf=Thisform.UF1.Value

        sele PEPV0060
        =Requery("pepv0060")
        set FILTER to cod_uf=este_uf and
pesquisa = datap
        GO Top

        sele par0010
        ENDPROC
        AutoSize = .f.
        FontBold = .T.
        Caption = "UF:"
        Height = 16
        Left = 10
        Top = 54
        Visible = .T.
        Width = 16
        Name = "LBLUF1"
        FontBold = .T.
        FontSize = 10
        Value = RS
        ControlSource = "par0010.uf"
        Enabled = .f.
        Height = 24
        InputMask = "XX"
        Left = 51
        ReadOnly = .T.
        Top = 50
        Visible = .T.
        Width = 41
        Name = "UF1"
        AutoSize = .T.
        FontBold = .T.
        Caption = "Data de Referência:"
        Left = 468
        Top = 54
        Visible = .T.
        Width = 105
        Name = "LBLDENOMINACAO1"
        FontBold = .T.
        FontSize = 10
        Value = Rio Grande do Sul
        ControlSource = "par0010.denominacao"
        Enabled = .f.
        Height = 24
        InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
        Left = 105
        ReadOnly = .T.
        Top = 50
        Visible = .T.
        Width = 275
        Name = "DENOMINACAO1"
        ColumnCount = 7
        DeleteMark = .f.
        Height = 324
        Left = 23
        Panel = 1
        RecordMark = .f.
        RecordSource = "Pepv0060"
        Top = 84
        Visible = .T.
        Width = 653
        Name = "Grid1"
        Column1.Alignment = 2
        Column1.ControlSource =
"Pepv0060.Equipamento"
        Column1.Width = 50

```

```

        Column1.ReadOnly = .T.
        Column1.Visible = .T.
        Column1.Name = "Column1"
        Column2.ColumnOrder = 7
        Column2.ControlSource =
"Pepv0060.Pesquisa"
        Column2.Width = 0
        Column2.Visible = .f.
        Column2.Name = "Column2"
        Column3.Bound = .f.
        Column3.ColumnOrder = 4
        Column3.ControlSource =
"Pepv0060.Aquisicao"
        Column3.Width = 100
        Column3.Sparse = .f.
        Column3.Visible = .T.
        Column3.Name = "Column3"
        Column4.Bound = .f.
        Column4.ColumnOrder = 5
        Column4.ControlSource =
"Pepv0060.Hora_parado"
        Column4.Width = 90
        Column4.Sparse = .f.
        Column4.Visible = .T.
        Column4.Name = "Column4"
        Column5.Bound = .f.
        Column5.ColumnOrder = 6
        Column5.ControlSource =
"Pepv0060.Hora_oper"
        Column5.Width = 90
        Column5.Sparse = .f.
        Column5.Visible = .T.
        Column5.Name = "Column5"
        Column6.ColumnOrder = 2
        Column6.ControlSource =
"Pepv0060.Clas"
        Column6.Width = 42
        Column6.Visible = .T.
        Column6.Name = "Column6"
        Column7.ColumnOrder = 3
        Column7.ControlSource =
"pepv0060.denomina"
        Column7.Width = 438
        Column7.Visible = .T.
        Column7.Name = "Column7"
        Alignment = 2
        Caption = "Código"
        Name = "Header1"
        Alignment = 2
        BackColor = 255,255,255
        BorderStyle = 0
        ForeColor = 0,0,0
        Margin = 0
        ReadOnly = .T.
        Visible = .T.
        ColorSource = 3
        Name = "Text1"
        Caption = "Pesquisa"
        Name = "Header1"
        BackColor = 255,255,255
        BorderStyle = 0
        ForeColor = 0,0,0
        Margin = 0
        ReadOnly = .T.
        Visible = .f.
        ColorSource = 3
        Name = "Text1"
        Alignment = 2
        Caption = "Aquisição"
        Name = "Header1"
        Alignment = 1
        BackColor = 255,255,255
        BorderStyle = 0
        ControlSource = "pepv0060.aquisicao"
        ForeColor = 0,0,0
        InputMask = "999,999,999.99"

```

```

Margin = 0
ReadOnly = .T.
Visible = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Improdutivo"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pepv0060.hora_parado"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
Visible = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Operativo"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pepv0060.hora_opera"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
Visible = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Classe"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 0
Visible = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Equipamento"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 0
Visible = .T.
ColorSource = 3
Name = "Text1"
FontBold = .T.
FontSize = 10
Alignment = 2
Value = { / / }
ControlSource = "datap"
Enabled = .f.
Height = 24
InputMask = ""
Left = 600
ReadOnly = .T.
Top = 50
Visible = .T.
Width = 71
Name = "Embossedfield2"
Top = 7
Left = 645
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 12
DisabledForeColor = 128,128,128
Name = "auxilio"

```

```

procedure Click
    HELP ID 30120 IN Screen
ENDPROC
Top = 418
Left = 614
Height = 26
Width = 42
Picture = ..\IMAGENS\wzclose.bmp
Caption = ""
StatusBarText = "Fechar o formulário"
ToolTipText = "Fechar"
Name = "Command1"
procedure Click
    Thisform.release
ENDPROC

*****

1.82 FORMSPEP\TPEP0162.SCX

Left = 141
Top = 137
Width = 400
Height = 111
Name = "Dataenvironment"
Alias = "par0010"
BufferModeOverride = 5
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "CURSOR1"
Alias = "pepv0070"
Database = ..\sicro.dbc
CursorSource = "pepv0070"
Name = "CURSOR2"
ScaleMode = 3
Height = 419
Width = 665
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0162"
Visible = .f.
HelpContextID = 30130
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TPEP0162"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "UF: Preço Unitário dos
Materiais"
Label1.Width = 394
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 7
Shape1.Top = 42
Shape1.Width = 650
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 7
Shape2.Top = 43
Shape2.Width = 650
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 7
Shape3.Top = 385
Shape3.Width = 650
Shape3.Name = "Shape3"

```

```

Shape4.Height = 1
Shape4.Left = 7
Shape4.Top = 386
Shape4.Width = 650
Shape4.Name = "Shape4"
procedure Init
    parameters par_uf,pmat, datap
    set safety off
    PUBLIC UFBASE,este_uf
    UFBASE=""
    este_uf=""
    IF !empty (par_uf)
        UFBASE=par_uf
        este_uf=par_uf
        sele par0010
        SEEK UFBASE
    ELSE
        sele par0010
        GO Top
        este_uf=par0010.uf
    ENDIF

    sele PEPV0070
    set FILTER to cod_uf=este_uf and
pesquisa = datap
    GO Top

    sele par0010

ENDPROC
procedure Refresh

    sele par0010
    este_uf=Thisform.UF1.Value

    sele PEPV0070
    =Requery("pepv0070")

    sele par0010
ENDPROC
AutoSize = .T.
FontBold = .T.
Caption = "UF:"
Height = 16
Left = 15
Top = 58
Visible = .T.
Width = 16
Name = "LBLUF1"
FontBold = .T.
FontSize = 10
Value = RS
ControlSource = "par0010.uf"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 38
Top = 54
Visible = .T.
Width = 41
Name = "UF1"
FontBold = .T.
FontSize = 10
Value = Rio Grande do Sul
ControlSource = "par0010.denominacao"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 83
Top = 54
Visible = .T.
Width = 304
Name = "DENOMINACAO1"

```

```

ColumnCount = 6
DeleteMark = .f.
Height = 287
Left = 17
Panel = 1
ReadOnly = .T.
RecordMark = .f.
RecordSource = "pepv0070"
RecordSourceType = 1
ScrollBars = 2
tag = "COD_UF"
Top = 87
Visible = .T.
Width = 630
Comment = "UF"
Name = "grid1"
Column1.ControlSource =
"pepv0070.material"
Column1.Width = 60
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.ControlSource =
"pepv0070.nome_mat"
Column2.Width = 287
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.ColumnOrder = 6
Column3.ControlSource =
"pepv0070.pesquisa"
Column3.Width = 0
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Alignment = 2
Column4.ColumnOrder = 3
Column4.ControlSource = "pepv0070.und"
Column4.Width = 80
Column4.ReadOnly = .T.
Column4.Visible = .T.
Column4.Name = "Column4"
Column5.Bound = .f.
Column5.ColumnOrder = 5
Column5.ControlSource =
"pepv0070.valor_mat"
Column5.Width = 98
Column5.ReadOnly = .T.
Column5.Sparse = .f.
Column5.Visible = .T.
Column5.Name = "Column5"
Column6.Alignment = 2
Column6.Bound = .f.
Column6.ColumnOrder = 4
Column6.Width = 80
Column6.ReadOnly = .T.
Column6.Sparse = .f.
Column6.Visible = .T.
Column6.Name = "Column6"
Alignment = 2
Caption = "Material"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =

```

```

ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Pesquisa"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = { / / }
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Und Trab"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Preço Unitário"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "pepv0070.valor_mat"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Und Com"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pepv0070.und"
ForeColor = 0,0,0
Margin = 0
ColorSource = 3
Name = "Text1"
AutoSize = .T.
FontBold = .T.
Caption = "Data de Referência:"
Left = 452
Top = 58
Visible = .T.
Width = 105
Name = "Embossedlabel2"
FontBold = .T.
FontSize = 10
Alignment = 2
Value = { / / }
ControlSource = "datap"
Enabled = .f.
Height = 24
InputMask = ""
Left = 583
ReadOnly = .T.
Top = 54
Visible = .T.
Width = 71
Name = "Embossedfield2"

```

```

Top = 8
Left = 625
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
StatusBarText = "Auxílio à utilização do
SICRO"
TabIndex = 12
ToolTipText = "Auxílio"
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 30130 IN Screen
ENDPROC
Top = 389
Left = 606
Height = 26
Width = 42
Picture = ..\IMAGENS\wzclose.bmp
Caption = ""
StatusBarText = "Fechar o formulário"
ToolTipText = "Fechar"
Name = "Command1"
procedure Click
Thisform.release
ENDPROC

*****

1.83 FORMSPEP\TPEP0163.SCX

Left = 0
Top = 0
Width = 792
Height = 451
InitialSelectedAlias = "par0010"
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "pepv0080"
BufferModeOverride = 5
Order = (pepv0080.cod_uf)
Database = ..\sicro.dbc
CursorSource = "pepv0080"
FILTER = (pesquisa = datap)
Name = "Cursor1"
procedure Init
sele pepv0080
set FILTER to pesquisa = datap and cod_uf
= xuf

ENDPROC
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "par0010"
BufferModeOverride = 5
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor2"
procedure Init
sele par0010
set Order to iuf
SEEK pepv0080.cod_uf

ENDPROC
ScaleMode = 3
Height = 443
Width = 654
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.

```

```

BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0163"
Visible = .f.
HelpContextID = 30140
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TPEP0163"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "UF: Custo da Mão-de-
Obra"
Label1.Width = 325
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 639
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 639
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 5
Shape3.Top = 405
Shape3.Width = 639
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 5
Shape4.Top = 406
Shape4.Width = 639
Shape4.Name = "Shape4"
procedure Init
    parameters xuf, datap
    PUBLIC uf, vdatap

    vdatap = datap
    uf = xuf

    sele par0010
    set Order to uf
    SEEK xuf

    sele pepv0080
    set FILTER to pesquisa = vdatap and
cod_uf = par0010.uf
    LOCATE FOR pepv0080.cod_uf = uf
    GO Top

    Thisform.grid1.Refresh
ENDPROC
procedure Click

    Thisform.grid1.Refresh
ENDPROC
AutoSize = .f.
FontBold = .T.
Caption = "UF / Região:"
Height = 16
Left = 10
Top = 55
Visible = .T.
Width = 62
Name = "LBLUF1"
FontBold = .T.
FontSize = 10

```

```

Value =
ControlSource = "par0010.uf"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 75
ReadOnly = .T.
tag = (pepv0080.cod_uf)
Top = 48
Visible = .T.
Width = 41
Name = "UF1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "par0010.denominacao"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 123
ReadOnly = .T.
tag = (pepv0080.cod_uf)
Top = 48
Visible = .T.
Width = 295
Name = "DENOMINACAO1"
ColumnCount = 6
DeleteMark = .f.
Height = 305
Left = 11
LinkMaster = ""
Panel = 1
ReadOnly = .T.
RecordMark = .f.
RecordSource = "pepv0080"
RecordSourceType = 1
ScrollBars = 2
tag = "COD_UF"
Top = 84
Visible = .T.
Width = 632
Comment = "UF"
Name = "grid1"
Column1.Bound = .f.
Column1.ControlSource =
"pepv0080.mao_d_obra"
Column1.Width = 84
Column1.ReadOnly = .T.
Column1.Sparse = .f.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.FontName = "Arial"
Column2.FontSize = 8
Column2.ColumnOrder = 6
Column2.ControlSource =
"pepv0080.pesquisa"
Column2.Enabled = .f.
Column2.Width = 0
Column2.Resizable = .f.
Column2.ReadOnly = .T.
Column2.Visible = .f.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"pepv0080.valor_mo"
Column3.Width = 98
Column3.ReadOnly = .T.
Column3.Sparse = .f.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ControlSource =
"pepv0080.encargos"
Column4.Width = 98

```

```

Column4.ReadOnly = .T.
Column4.Sparse = .f.
Column4.Visible = .T.
Column4.Name = "Column4"
Column5.Bound = .f.
Column5.ControlSource =
"pepv0080.hora_mo"
Column5.Width = 98
Column5.ReadOnly = .T.
Column5.Sparse = .f.
Column5.Visible = .T.
Column5.Name = "Column5"
Column6.FontSize = 8
Column6.ColumnOrder = 2
Column6.ControlSource =
"pepv0080.descricao"
Column6.Width = 229
Column6.ReadOnly = .T.
Column6.Visible = .T.
Column6.Name = "Column6"
Alignment = 2
Caption = "Mão-de-Obra"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "pepv0080.mao_d_obra"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Pesquisa"
Name = "Header1"
FontName = "Arial"
FontSize = 8
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = { / / }
Enabled = .f.
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
Visible = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Valor Mensal"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "pepv0080.valor_mo"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Encargos/Adic."
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "pepv0080.encargos"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"

```

```

Alignment = 2
Caption = "Custo Horário"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,0000
ControlSource = "pepv0080.hora_mo"
ForeColor = 0,0,0
InputMask = "999,999.9999"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
FontSize = 10
Alignment = 2
Caption = "Descrição"
Name = "Header1"
FontSize = 8
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
AutoSize = .f.
FontBold = .T.
Caption = "Data de referência:"
Height = 16
Left = 431
Top = 55
Visible = .T.
Width = 103
Name = "Embossedlabel1"
FontBold = .T.
FontSize = 10
Alignment = 2
Value = { / / }
ControlSource = "datap"
Enabled = .f.
Height = 24
InputMask = ""
Left = 542
ReadOnly = .T.
Top = 48
Visible = .T.
Width = 94
Name = "data1"
Top = 9
Left = 613
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
StatusBarText = "Auxílio à utilização do SICRO"
TabIndex = 6
ToolTipText = "Auxílio"
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30140 IN Screen
ENDPROC
Top = 412
Left = 592
Height = 26
Width = 42
Picture = ..\IMAGENS\wzclose.bmp
Caption = ""
StatusBarText = "Fechar o formulário"
ToolTipText = "Fechar"
Name = "Command1"
procedure Click
    Thisform.release

```

```

ENDPROC
*****
1.84 FORMSPEP\TPEP0183.SCX
Left = 38
Top = 62
Width = 695
Height = 325
InitialSelectedAlias = "mao0010"
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 122
Height = 144
Alias = "pep0080"
BufferModeOverride = 5
Order = "imao"
Database = ..\sicro.dbc
CursorSource = "pep0080"
Name = "CURSOR2"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "mao0010"
Order = "imaodeobra"
Database = ..\sicro.dbc
CursorSource = "mao0010"
Name = "Cursor3"
ParentAlias = "mao0010"
RelationalExpr = "mao_d_obra"
ChildAlias = "pep0080"
ChildOrder = "imao"
Name = "Relation1"
ScaleMode = 3
Height = 364
Width = 586
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0183"
Visible = .f.
HelpContextID = 30150
icon = ..\IMAGENS\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TPEP0153"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Mão-de-Obra: Custo Unitário"
Label1.Width = 352
Label1.Name = "Label1"
Shape1.Left = 5
Shape1.Top = 74
Shape1.Name = "Shape1"
Shape2.Left = 5
Shape2.Top = 75
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 305
Shape3.Name = "Shape3"
Shape4.Left = 6
Shape4.Top = 306
Shape4.Name = "Shape4"
procedure Init

```

```

Parameter datap
    sepe pep0080
    set FILTER to pesquisa = datap and
SUBSTR(cod_uf,1,1) = "Z"
GO Top

Thisform.grid1.Refresh

ENDPROC
FontBold = .T.
FontSize = 10
Caption = "Mão-de-Obra:"
Height = 13
Left = 10
Top = 103
Visible = .T.
Width = 88
Name = "LBLEMAO_DE_OBRA1"
Value =
ControlSource = "mao0010.mao_d_obra"
Enabled = .f.
Height = 24
InputMask = "XXXX"
Left = 106
ReadOnly = .T.
Top = 100
Visible = .T.
Width = 46
Name = "MAO_DE_OBRA1"
Value =
ControlSource = "mao0010.descricao"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 156
ReadOnly = .T.
Top = 100
Visible = .T.
Width = 277
Name = "DESCRICA01"
ColumnCount = 5
DeleteMark = .f.
Height = 116
Left = 59
ReadOnly = .T.
RecordSource = "pep0080"
RecordSourceType = 1
ScrollBars = 2
tag = ""
Top = 149
Visible = .T.
Width = 468
Comment = ""
Name = "grid1"
Column1.Bound = .f.
Column1.ControlSource = "pep0080.cod_uf"
Column1.Width = 140
Column1.ReadOnly = .T.
Column1.Sparse = .f.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ColumnOrder = 5
Column2.ControlSource = ""
Column2.Enabled = .f.
Column2.Width = 0
Column2.Resizable = .f.
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ColumnOrder = 2

```

```

Column3.ControlSource =
"pep0080.valor_mo"
Column3.Width = 98
Column3.ReadOnly = .T.
Column3.Sparse = .f.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ColumnOrder = 3
Column4.ControlSource =
"pep0080.encargos"
Column4.Width = 98
Column4.ReadOnly = .T.
Column4.Sparse = .f.
Column4.Visible = .T.
Column4.Name = "Column4"
Column5.Bound = .f.
Column5.ColumnOrder = 4
Column5.ControlSource =
"pep0080.hora_mo"
Column5.Width = 98
Column5.ReadOnly = .T.
Column5.Sparse = .f.
Column5.Visible = .T.
Column5.Name = "Column5"
Alignment = 2
Caption = "Região Geográfica"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "eRegiao(pep0080.cod_uf)"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Pesquisa"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = { / / }
Enabled = .f.
ForeColor = 0,0,0
Margin = 0
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Valor Mensal"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "pep0080.valor_mo"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Encargos/Adic."
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "pep0080.encargos"
ForeColor = 0,0,0
InputMask = "999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"

```

```

Alignment = 2
Caption = "Custo Horário"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value = 0.0000
ControlSource = "pep0080.hora_mo"
ForeColor = 0,0,0
InputMask = "999,999.9999"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Value = { / / }
ControlSource = "pep0080.pesquisa"
Height = 24
Left = 456
Top = 100
Width = 89
Name = "Text2"
AutoSize = .f.
FontBold = .T.
FontName = "Times New Roman"
FontSize = 18
Caption = "Regiões Geográficas"
Height = 29
Left = 187
Top = 41
Visible = .T.
Width = 207
Name = "Embossedlabel2"
Top = 22
Left = 543
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
StatusBarText = "Auxílio à utilização do
SICRO"
ToolTipText = "Auxílio"
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 30150 IN Screen
ENDPROC
Top = 324
Left = 109
Width = 368
Height = 27
Name = "Navega1"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
procedure Click
IF FOUND()
set FILTER to pesquisa = datap and
SUBSTR(cod_uf,1,1) = "Z"
ENDIF
ENDPROC
*****
L.85 FORMSPEP\TPEP0210.SCX
Left = 0
Top = 0
Width = 792
Height = 419

```

```

Name = "Dataenvironment"
Left = 125
Top = 11
Width = 90
Height = 90
Alias = "par0010"
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor3"
Left = 20
Top = 10
Width = 95
Height = 90
Alias = "pep0010"
Database = ..\sicro.dbc
CursorSource = "pep0010"
Name = "Cursor1"
Height = 317
Width = 451
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0210"
HelpContextID = 30160
icon = ..\dner02.ico
LockScreen = .f.
Name = "TPEP0210"
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Sistema de Pesquisa de Preços"
Height = 37
Left = 15
Top = 32
Width = 415
Name = "Label1"
Top = 168
Left = 29
Height = 29
Width = 92
Caption = "Manutenção"
Enabled = .f.
Name = "manut"
procedure Click
with Thisform
do CASE
CASE .OP.Value=1
do form tpep0230 with
.Combo_uf.Value
CASE .OP.Value=2
do form tpep0240 with
.Combo_uf.Value
CASE .OP.Value=3
do form tpep0250 with
.Combo_uf.Value
ENDCASE
Endwith
ENDPROC
Top = 6
Left = 408
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 30160 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"

```



```

Height = 18
Left = 15
Top = 14
Width = 301
Name = "Label2"
BackColor = 255,255,255
Height = 1
Left = 18
Top = 92
Width = 409
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 18
Top = 93
Width = 409
Name = "Shape2"
BackStyle = 0
Caption = "UF - "
Height = 18
Left = 36
Top = 106
Width = 33
Name = "Label4"
ButtonCount = 3
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 111
Left = 179
Top = 159
Width = 238
Name = "op"
Option1.Alignment = 0
Option1.BackStyle = 0
Option1.Caption = "Estabelecimentos"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 166
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Questionários de Equipamentos"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 37
Option2.Width = 224
Option2.Name = "Option2"
Option3.BackStyle = 0
Option3.Caption = "Questionários de Materiais"
Option3.Value = 0
Option3.Height = 18
Option3.Left = 5
Option3.Top = 72
Option3.Width = 215
Option3.Name = "Option3"
FontName = "Arial"
FontSize = 16
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Manutenção das Informações"
Height = 26
Left = 15
Top = 63
Width = 307
Name = "Label8"
BackColor = 255,255,255
Height = 1
Left = 18
Top = 133

```

```

Width = 409
Name = "Shape9"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 18
Top = 134
Width = 409
Name = "Shape10"
Top = 220
Left = 29
Height = 29
Width = 92
Caption = "Relatórios"
Enabled = .f.
Name = "relat"
procedure Click
    with Thisform
        do CASE
            CASE .OP.Value=1
                do form impressa with
                    "rpep0010",UF="+ .Combo_uf.Value+"
            CASE .OP.Value=2
                do form impressa with
                    "rpep0020",'cod_UF="+
                    .Combo_uf.Value+"
            CASE .OP.Value=3
                do form impressa with
                    "rpep0030",'cod_UF="+
                    .Combo_uf.Value+"
            ENDCASE
        Endwith
    ENDPROC
    ColumnCount = 2
    ColumnWidths = "30,175"
    RowSourceType = 3
    RowSource = "select par0010.uf,
par0010.denominacao from par0010 order by
1 where SUBSTR(par0010.uf,1,1) != 'Z' into
cursor datauf"
    FirstElement = 1
    Height = 24
    Left = 108
    NumberOfElements = 0
    Top = 102
    Width = 229
    Name = "Combo_UF"
    procedure Valid
        Thisform.manut.Enabled=.T.
        Thisform.relat.Enabled=.T.
    ENDPROC
    Top = 272
    Left = 29
    Height = 29
    Width = 92
    Caption = "Fechar"
    Name = "Cancela"
    procedure Click
        Thisform.release
    ENDPROC
*****

1.86 FORMSPEP\TPEP0230.SCX

Left = 10
Top = 289
Width = 400
Height = 103
Name = "Dataenvironment"
Alias = "pep0010"
BufferModeOverride = 5
Order = "cod_local"
Database = ..\sicro.dbc
CursorSource = "pep0010"
Name = "Cursor1"
ScaleMode = 3

```

```

Height = 320
Width = 576
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP230"
Visible = .f.
HelpContextID = 30180
icon = ..\dner02.ico
LockScreen = .f.
Name = "TPEP0230"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Estabelecimentos: Manutenção de Dados"
Label1.Width = 478
Label1.Name = "Label1"
Shape1.Name = "Shape1"
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 254
Shape3.Name = "Shape3"
Shape4.Left = 6
Shape4.Top = 255
Shape4.Name = "Shape4"
procedure Init
    parameters uf
    PUBLIC UFBASE
    UFBASE=""
    IF parameters()=1
        UFBASE=uf

        IF !empty(UFBASE)

Thisform.Dataenvironment.Cursor1.FILTER
="COD_UF=UFBASE"
        GO Top
        ENDIF
        ENDIF

        sele pep0010
    ENDPROC
    procedure Destroy
        sele pep0010
        use pep0010 exclusive
        pack
        reindex
        use pep0010 shared

    ENDPROC
    Top = 271
    Left = 24
    Width = 522
    Height = 24
    Name = "Botoes"
    cmdPrev.Name = "cmdPrev"
    cmdNext.Name = "cmdNext"
    cmdTop.Name = "cmdTop"
    cmdEnd.Name = "cmdEnd"
    cmdFind.Name = "cmdFind"
    cmdPrint.Name = "cmdPrint"
    cmdExit.Name = "cmdExit"
    cmdAdd.Name = "cmdAdd"
    cmdDelete.Name = "cmdDelete"
    cmdEdit.Name = "cmdEdit"
    FontBold = .T.
    Caption = "UF:"

```

Left = 18
 Top = 69
 Visible = .T.
 Width = 49
 TabIndex = 0
 Name = "LBLCOD_UF1"
 Value =
 ControlSource = "pep0010.cod_uf"
 Enabled = .f.
 InputMask = "XX"
 Left = 87
 TabIndex = 1
 Top = 65
 Visible = .T.
 Width = 30
 Name = "COD_UF1"
 FontBold = .T.
 Caption = "Local:"
 Left = 348
 Top = 69
 Visible = .T.
 Width = 49
 TabIndex = 0
 Name = "LBLLOCAL1"
 Value =
 ControlSource = "pep0010.local"
 Enabled = .f.
 InputMask = "XXXX"
 Left = 417
 TabIndex = 2
 Top = 65
 Visible = .T.
 Width = 50
 Name = "LOCAL1"
 FontBold = .T.
 Caption = "Nome:"
 Left = 18
 Top = 93
 Visible = .T.
 Width = 49
 TabIndex = 0
 Name = "LBLNOME1"
 Value =
 ControlSource = "pep0010.nome"
 Enabled = .f.
 Height = 21
 InputMask =
 "XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XXXXXXXXXXXX"
 Left = 87
 TabIndex = 3
 Top = 89
 Visible = .T.
 Width = 379
 Name = "NOME1"
 FontBold = .T.
 Caption = "Endereço:"
 Height = 13
 Left = 18
 Top = 118
 Visible = .T.
 Width = 60
 TabIndex = 0
 Name = "LBLENDERECO1"
 Value =
 ControlSource = "pep0010.endereco"
 Enabled = .f.
 Height = 21
 InputMask =
 "XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XXXXXXXXXXXX"
 Left = 87
 TabIndex = 4
 Top = 114
 Visible = .T.
 Width = 379

Name = "ENDERECO1"
 FontBold = .T.
 Caption = "Cidade:"
 Left = 18
 Top = 142
 Visible = .T.
 Width = 49
 TabIndex = 0
 Name = "LBLCIDADE1"
 Value =
 ControlSource = "pep0010.cidade"
 Enabled = .f.
 Height = 21
 InputMask =
 "XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
 Left = 87
 TabIndex = 5
 Top = 138
 Visible = .T.
 Width = 174
 Name = "CIDADE1"
 FontBold = .T.
 Caption = "CEP:"
 Left = 324
 Top = 142
 Visible = .T.
 Width = 49
 TabIndex = 0
 Name = "LBLCEP1"
 Value =
 ControlSource = "pep0010.cep"
 Enabled = .f.
 InputMask = "XXXXXXXXX"
 Left = 393
 TabIndex = 6
 Top = 138
 Visible = .T.
 Width = 74
 Name = "CEP1"
 Value =
 ControlSource = "pep0010.ddd"
 Enabled = .f.
 InputMask = "XXXXX"
 Left = 87
 TabIndex = 7
 Top = 161
 Visible = .T.
 Width = 50
 Name = "DDD1"
 FontBold = .T.
 Caption = "Telefone:"
 Height = 13
 Left = 18
 Top = 165
 Visible = .T.
 Width = 57
 TabIndex = 0
 Name = "LBLTELEFONE1"
 Value =
 ControlSource = "pep0010.telefone"
 Enabled = .f.
 Height = 21
 InputMask = "XXXXXXXXXXXXXXXXXXXXX"
 Left = 152
 TabIndex = 8
 Top = 161
 Visible = .T.
 Width = 163
 Name = "TELEFONE1"
 FontBold = .T.
 Caption = "Contato:"
 Left = 18
 Top = 189
 Visible = .T.
 Width = 49
 TabIndex = 0

Name = "LBLPESSOA1"
 Value =
 ControlSource = "pep0010.pessoa"
 Enabled = .f.
 Height = 21
 InputMask =
 "XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XXXXXXXXXXXX"
 Left = 87
 TabIndex = 10
 Top = 185
 Visible = .T.
 Width = 380
 Name = "PESSOA1"
 FontBold = .T.
 Caption = "E-Mail:"
 Left = 18
 Top = 213
 Visible = .T.
 Width = 49
 TabIndex = 0
 Name = "LBLMAIL1"
 Value =
 ControlSource = "pep0010.e_mail"
 Enabled = .f.
 Height = 21
 InputMask =
 "XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XXXXXX"
 Left = 87
 TabIndex = 11
 Top = 209
 Visible = .T.
 Width = 258
 Name = "E_MAIL1"
 Top = 59
 Left = 511
 Height = 26
 Width = 28
 Picture = ..\IMAGENS\HELP.bmp
 Caption = ""
 TabIndex = 15
 DisabledForeColor = 128,128,128
 Name = "auxilio"
 procedure Click
 HELP ID 30180 IN Screen
 ENDPROC
 AutoSize = .T.
 FontBold = .T.
 FontSize = 8
 BackStyle = 0
 Caption = "Fax:"
 Height = 16
 Left = 324
 Top = 165
 Width = 21
 TabIndex = 0
 Name = "Label3"
 FontBold = .f.
 FontSize = 8
 ControlSource = "pep0010.fax"
 Enabled = .f.
 Height = 20
 Left = 354
 TabIndex = 9
 Top = 161
 Width = 113
 Name = "FAX"

1.87 FORMSPEP\TPEP0240.SCX
 Left = 0
 Top = 0
 Width = 792
 Height = 387

```

InitialSelectedAlias = "pep0010"
Name = "Ambiente"
Left = 157
Top = 8
Width = 114
Height = 256
Alias = "pep0010"
BufferModeOverride = 5
Order = "cod_local"
Database = ..\sicro.dbc
CursorSource = "pep0010"
Name = "pep10"
Left = 10
Top = 19
Width = 95
Height = 90
Alias = "par0010"
BufferModeOverride = 5
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "par10"
ParentAlias = "pep0010"
RelationalExpr = "cod_uf"
ChildAlias = "par0010"
ChildOrder = "iuf"
Name = "Relation1"
Left = 441
Top = 40
Width = 132
Height = 152
Alias = "pepv0020"
BufferModeOverride = 5
Database = ..\sicro.dbc
CursorSource = "pepv0020"
Name = "pepv20"
Left = 316
Top = 7
Width = 95
Height = 90
Alias = "pep0020"
BufferModeOverride = 5
Order = "cod_local"
Database = ..\sicro.dbc
CursorSource = "pep0020"
Name = "pep20"
ScaleMode = 3
Height = 417
Width = 634
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0240"
icon = ..\dner02.ico
WindowType = 1
Name = "TPEP0240"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Estabelecimentos:
Equipamentos Pesquisados"
Label1.Left = 0
Label1.Top = 8
Label1.Width = 536
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5

```

```

Shape1.Top = 42
Shape1.Width = 612
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 612
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 6
Shape3.Top = 385
Shape3.Width = 612
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 6
Shape4.Top = 386
Shape4.Width = 612
Shape4.Name = "Shape4"
procedure Refresh
    sele pep0010
        ESTE_LOCAL=pep0010.LOCAL
        UFBASE=pep0010.cod_uf
    sele pepv0020
        =Requery("pepv0020")
    GO Top
    sele pep0010
ENDPROC
procedure Init
    parameters xuf,XEQP

    PUBLIC
    UFBASE,ESTE_LOCAL,STATUS_USU
    UFBASE=""
    ESTE_LOCAL=""
    IF !empty(xuf)
        UFBASE=xuf

Thisform.Ambiente.pep10.FILTER="COD_
UF=UFBASE"
ELSE
    sele pep0010
        GO Top
        ESTE_LOCAL=LOCAL
        UFBASE=cod_uf
    ENDIF

    sele pep0020

Thisform.Ambiente.pep20.FILTER="COD_
UF=UFBASE and local=este_local"
GO Top

    sele pepv0020

Thisform.Ambiente.pepv20.FILTER="COD_
UF=UFBASE and local=este_local"
GO Top

    STATUS_USU= (classeusu="G") and
(opmenu="A")
    Thisform.inclui.Visible=STATUS_USU
    Thisform.exclui.Visible=STATUS_USU
    Thisform.Combo1.Visible=STATUS_USU
    Thisform.Caption="SICRO/PEP -
"+IIF(STATUS_USU,"TPEP240","TPEP131
")

Thisform.HelpContextID=IIF(STATUS_US
U,30190,30050)

    sele pep0010

Thisform.Navega1.cmdNext.Click

```

```

Thisform.Navega1.cmdPrev.Click
ENDPROC
Caption = "Cod_uf:"
Left = 10
Top = 60
Visible = .T.
Width = 49
Name = "LBLCOD_UF1"
Value = RJ
ControlSource = "pep0010.cod_uf"
Enabled = .f.
InputMask = "XX"
Left = 72
Top = 57
Visible = .T.
Width = 30
Name = "COD_UF1"
Caption = "Local:"
Left = 447
Top = 60
Visible = .T.
Width = 49
Name = "LBLLOCAL1"
Alignment = 3
Value = 1
ControlSource = "pep0010.local"
Enabled = .f.
InputMask = "XXXX"
Left = 516
Top = 57
Visible = .T.
Width = 50
Name = "LOCAL1"
Caption = "Nome:"
Left = 10
Top = 84
Visible = .T.
Width = 49
Name = "LBLNOME1"
Value = Viradouro Materiais e Obras
ControlSource = "pep0010.nome"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 72
Top = 80
Visible = .T.
Width = 255
Name = "NOME1"
Caption = "Endereco:"
Left = 10
Top = 107
Visible = .T.
Width = 49
Name = "LBLENDERECO1"
Value = Rua do teste
ControlSource = "pep0010.endereco"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 72
Top = 103
Visible = .T.
Width = 255
Name = "ENDERECO1"
Caption = "Cidade:"
Left = 355
Top = 84
Visible = .T.
Width = 49
Name = "LBLCIDADE1"
Value = São Gonçalo
ControlSource = "pep0010.cidade"
Enabled = .f.

```

```

InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXX"
Left = 417
Top = 80
Visible = .T.
Width = 150
Name = "CIDADE1"
Caption = "Cep:"
Left = 387
Top = 106
Visible = .T.
Width = 49
Name = "LBLCEP1"
Alignment = 3
Value = 21212001
ControlSource = "pep0010.cep"
Enabled = .f.
InputMask = "XXXXXXXX"
Left = 456
Top = 102
Visible = .T.
Width = 74
Name = "CEP1"
Caption = "Ddd:"
Height = 13
Left = 11
Top = 130
Visible = .T.
Width = 49
Name = "LBLDDD1"
Alignment = 3
Value = 211
ControlSource = "pep0010.ddd"
Enabled = .f.
Height = 21
InputMask = "XXXX"
Left = 72
Top = 126
Visible = .T.
Width = 50
Name = "DDD1"
Caption = "Telefone:"
Height = 13
Left = 129
Top = 131
Visible = .T.
Width = 49
Name = "LBLTELEFONE1"
Alignment = 3
Value = 23232124
ControlSource = "pep0010.telefone"
Enabled = .f.
Height = 21
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXX"
XXXXX"
Left = 189
Top = 127
Visible = .T.
Width = 220
Name = "TELEFONE1"
Caption = "Fax:"
Height = 13
Left = 427
Top = 131
Visible = .T.
Width = 49
Name = "LBLFAX1"
Alignment = 3
Value = 321413245
ControlSource = "pep0010.fax"
Enabled = .f.
Height = 21
InputMask = "XXXXXXXXXXXXXXXXXXXX"
Left = 490
Top = 127

Visible = .T.
Width = 115
Name = "fax1"
ColumnCount = 4
DeleteMark = .f.
Height = 194
Left = 2
Panel = 1
ReadOnly = .T.
RecordMark = .T.
RecordSource = "pepv0020"
RecordSourceType = 1
ScrollBars = 2
Top = 157
Visible = .T.
Width = 528
Name = "grid1"
Column1.ControlSource =
"pepv0020.equipamento"
Column1.Width = 111
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.ControlSource =
"pepv0020.tipo_eqp"
Column2.Width = 60
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.ControlSource =
"pepv0020.fabricante"
Column3.Width = 252
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.ControlSource =
"pepv0020.modelo"
Column4.Width = 286
Column4.ReadOnly = .T.
Column4.Visible = .T.
Column4.Name = "Column4"
Caption = "Equipamento"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value = M010
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Tipo"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 16
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Fabricante"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value = caterpillar
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Modelo"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0

Value = 950-f
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 357
Left = 544
Height = 24
Width = 74
Caption = "Inclusão"
Name = "Inclui"
procedure Click
set deleted off
result=.T.
IF !empty(Thisform.Combo1.Value)
sele pep0020
GO Top
LOCATE FOR
equipamento=Thisform.Combo1.Value
IF !FOUND()
INSERT INTO pep0020
(cod_uf,LOCAL,equipamento);
VALUES
(pep0010.cod_uf,pep0010.LOCAL,Thisform.
Combo1.Value)
result
=TableUpdate(.T.,.T.,"pep0020")

ELSE
xrec=RECNO()
IF deleted()
recall RECORD xrec
=msg('2')
result
=TableUpdate(.T.,.T.,"pep0020")
ELSE
=msg('1')
set deleted on
RETURN
ENDIF
ENDIF
IF ! result
=tablerevert(.T.,"pep0020")
ENDIF
set deleted on
=Requery("pepv0020")
Thisform.Refresh

ELSE
=msg('3')
ENDIF
set deleted on
ENDPROC
Top = 250
Left = 544
Height = 24
Width = 74
Caption = "Exclusão"
Name = "Exclui"
procedure Click
IF
!empty(Thisform.grid1.Column1.Text1.Value
)

sele pep0020
IF perg('Deseja eliminar a linha com o
código =
'+Thisform.grid1.Column1.Text1.Value) =
.T.
DELETE FROM pep0020 WHERE
cod_uf=pep0010.cod_uf;
and LOCAL=pep0010.LOCAL;

```

```

        and
equipamento=Thisform.grid1.Column1.Text1
.Value

result=TableUpdate(.T.,T.,"pep0020")
IF ! result
    =tablerevert(.T.,"pep0020")
ENDIF
=Requery("pepv0020")
Thisform.Refresh

ENDIF
ELSE
    =msg(4)
ENDIF
ENDPROC
ColumnCount = 3
RowSourceType = 3
RowSource = "select * from eqp0040 where
montagem=.f. order by equipamento into
cursor equips"
ControlSource = ""
FirstElement = 1
Height = 24
Left = 325
NumberOfElements = 0
Top = 357
Width = 205
Name = "Combo1"
Top = 12
Left = 590
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    IF STATUS_USU
        HELP ID 30190 IN Screen
    ELSE
        HELP ID 30050 IN Screen
    ENDIF

ENDPROC
Value = RJ
ControlSource = "par0010.denominacao"
Enabled = .f.
Height = 21
Left = 113
ReadOnly = .T.
Top = 57
Visible = .T.
Width = 301
Name = "denomina"
Top = 390
Left = 108
Width = 368
Height = 27
Name = "Navegal"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.TerminateRead = .T.
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
procedure Destroy
    *nTablesUsed=-1
    *TxtBtns::Destroy
ENDPROC
procedure cmdPrev.Click
    Thisform.Combo1.Value=""

```

```

    TxtBtns.cmdPrev::Click
    Thisform.Refresh
ENDPROC
procedure cmdNext.Click
    Thisform.Combo1.Value=""
    TxtBtns.cmdNext::Click
    Thisform.Refresh
ENDPROC
procedure cmdTop.Click
    Thisform.Combo1.Value=""
    TxtBtns.cmdTop::Click
    Thisform.Refresh
ENDPROC
procedure cmdEnd.Click
    Thisform.Combo1.Value=""
    TxtBtns.cmdEnd::Click
    Thisform.Refresh
ENDPROC

*****
1.88 FORMSPEP\TPEP0250.SCX

Left = 0
Top = 0
Width = 792
Height = 387
InitialSelectedAlias = "pep0010"
Name = "Ambiente"
Left = 157
Top = 8
Width = 114
Height = 256
Alias = "pep0010"
BufferModeOverride = 5
Order = "cod_local"
Database = ..\sicro.dbc
CursorSource = "pep0010"
Name = "pep10"
Left = 10
Top = 19
Width = 95
Height = 90
Alias = "par0010"
BufferModeOverride = 5
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "par10"
ParentAlias = "pep0010"
RelationalExpr = "cod_uf"
ChildAlias = "par0010"
ChildOrder = "iuf"
Name = "Relation1"
Left = 310
Top = 8
Width = 97
Height = 176
Alias = "pep0050"
Order = "mat"
Database = ..\sicro.dbc
CursorSource = "pep0050"
Name = "pep50"
ParentAlias = "pep0010"
RelationalExpr = "cod_uf"
ChildAlias = "pep0050"
ChildOrder = "ilocal"
Name = "Relation2"
Left = 440
Top = 10
Width = 95
Height = 188
Alias = "pepv0050"
Database = ..\sicro.dbc
CursorSource = "pepv0050"
Name = "pepv50"
ScaleMode = 3

```

```

Height = 417
Width = 684
DoCreate = .T.
ShowTips = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0250"
icon = ..\dner02.ico
WindowType = 1
Name = "TPEP0250"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Estabelecimentos :
Materiais Pesquisados"
Label1.Left = 7
Label1.Top = 8
Label1.Width = 488
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 664
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 664
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 6
Shape3.Top = 385
Shape3.Width = 664
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 6
Shape4.Top = 386
Shape4.Width = 664
Shape4.Name = "Shape4"
procedure Refresh
    sele pep0010
    ESTE_LOCAL=pep0010.LOCAL
    UFBASE=pep0010.cod_uf
    sele pepv0050
    =Requery("pepv0050")
    GO Top
    sele pep0010
ENDPROC
procedure Init
    parameters xuf,xmat

    PUBLIC UFBASE,ESTE_LOCAL,
STATUS_USU
    UFBASE=""
    ESTE_LOCAL=""
    IF !empty(xuf)
        UFBASE=xuf

Thisform.Ambiente.pep10.FILTER="COD_
UF=UFBASE"
    ELSE
        sele pep0010
        GO Top
        ESTE_LOCAL=LOCAL
        UFBASE=cod_uf
    ENDIF

```

```

sele pep0050
Left = 72
Top = 80
Visible = .T.
Width = 49
Name = "LBLTELEFONE1"
Alignment = 3
Value = 23232124
ControlSource = "pep0010.telefone"
Enabled = .f.
Height = 21
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXX"
Left = 189
Top = 127
Visible = .T.
Width = 220
Name = "TELEFONE1"
Caption = "Fax:"
Height = 13
Left = 427
Top = 131
Visible = .T.
Width = 49
Name = "LBLFAX1"
Alignment = 3
Value = 321413245
ControlSource = "pep0010.fax"
Enabled = .f.
Height = 21
InputMask = "XXXXXXXXXXXXXXXXXXXX"
Left = 490
Top = 127
Visible = .T.
Width = 115
Name = "fax1"
Top = 356
Left = 594
Height = 24
Width = 74
Caption = "Inclusão"
Name = "Inclui"
procedure Click
set deleted off
result=.T.
IF !empty(Thisform.Combo1.Value)
sele pep0050
GO Top
LOCATE FOR
material=Thisform.Combo1.Value
IF !FOUND()
INSERT INTO pep0050
(cod_uf,LOCAL,material);
VALUES
(pep0010.cod_uf,pep0010.LOCAL,Thisform.
Combo1.Value)

result=TableUpdate(.T.,.T.,"pep0050")
ELSE
xrec=RECNO()
IF deleted()
recall RECORD xrec
=msg('2')
result
=TableUpdate(.T.,.T.,"pep0050")
ELSE
=msg('1')
set deleted on
RETURN
ENDIF
ENDIF
IF ! result
=tablerevert(.T.,"pep0050")
ENDIF
set deleted on
=Requery("pepv0050")
Thisform.Refresh

Thisform.Ambiente.pep50.FILTER="COD_
UF=UFBASE and local=este_local"
GO Top

sele pepv0050
Left = 72
Top = 107
Visible = .T.
Width = 49
Name = "LBLENDERECO1"
Value = Rua do teste
ControlSource = "pep0010.endereco"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 72
Top = 103
Visible = .T.
Width = 255
Name = "ENDERECO1"
Caption = "Cidade:"
Left = 355
Top = 84
Visible = .T.
Width = 49
Name = "LBLCIDADE1"
Value = São Gonçalo
ControlSource = "pep0010.cidade"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
Left = 417
Top = 80
Visible = .T.
Width = 150
Name = "CIDADE1"
Caption = "Cep:"
Left = 387
Top = 106
Visible = .T.
Width = 49
Name = "LBLCPE1"
Alignment = 3
Value = 21212001
ControlSource = "pep0010.cep"
Enabled = .f.
InputMask = "XXXXXXXXXX"
Left = 456
Top = 102
Visible = .T.
Width = 74
Name = "CEP1"
Caption = "Ddd:"
Height = 13
Left = 11
Top = 130
Visible = .T.
Width = 49
Name = "LBLDDD1"
Alignment = 3
Value = 211
ControlSource = "pep0010.ddd"
Enabled = .f.
Height = 21
InputMask = "XXXXX"
Left = 72
Top = 126
Visible = .T.
Width = 50
Name = "DDD1"
Caption = "Telefone:"
Height = 13
Left = 129
Top = 131

STATUS_USU= (classeusu="G") and
(opmenu="A")
Thisform.inclui.Visible=STATUS_USU
Thisform.exclui.Visible=STATUS_USU
Thisform.Combo1.Visible=STATUS_USU
Thisform.Caption="SICRO/PEP -
"+IF(STATUS_USU,"TPEP250","TPEP132
")

Thisform.HelpContextID=IF(STATUS_US
U,30200,30060)

sele pep0010

Thisform.Navega1.cmdNext.Click
Thisform.Navega1.cmdPrev.Click
ENDPROC
Caption = "Cod_uf:"
Left = 10
Top = 60
Visible = .T.
Width = 49
Name = "LBLCOD_UF1"
Value = RJ
ControlSource = "pep0010.cod_uf"
Enabled = .f.
InputMask = "XX"
Left = 72
Top = 57
Visible = .T.
Width = 30
Name = "COD_UF1"
Caption = "Local:"
Left = 447
Top = 60
Visible = .T.
Width = 49
Name = "LBLLOCAL1"
Alignment = 3
Value = 1
ControlSource = "pep0010.local"
Enabled = .f.
InputMask = "XXXX"
Left = 516
Top = 57
Visible = .T.
Width = 50
Name = "LOCAL1"
Caption = "Nome:"
Left = 10
Top = 84
Visible = .T.
Width = 49
Name = "LBLNOME1"
Value = Viradouro Materiais e Obras
ControlSource = "pep0010.nome"
Enabled = .f.
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"

```

```

ELSE
  =msg('3')
ENDIF
set deleted on
ENDPROC
Top = 239
Left = 594
Height = 24
Width = 74
Caption = "Exclusão"
Name = "Exclui"
procedure Click
  IF
!empty(Thisform.grid1.Column1.Text1.Value
)

    sele pep0050

    IF perg('Deseja eliminar a linha com o
código =
'+Thisform.grid1.Column1.Text1.Value) =
.T.

        DELETE FROM pep0050 WHERE
cod_uf=pep0010.cod_uf;
and LOCAL=pep0010.LOCAL;
and
material=Thisform.grid1.Column1.Text1.Val
ue

        result
=TableUpdate(.T.,T.,"pep0050")
        IF ! result
            =tablerevert(.T.,"pep0050")
        ENDIF
        =Requery("pepv0050")

        Thisform.Refresh
    ELSE
        =msg('4')
    ENDIF
ENDIF

ENDPROC
ColumnCount = 3
RowSourceType = 3
RowSource = "select * from mat0020 order
by material into cursor mats"
ControlSource = ""
FirstElement = 1
Height = 24
Left = 339
NumberOfElements = 0
Top = 356
Width = 205
Name = "Combo1"
Top = 12
Left = 640
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
  IF STATUS_USU
HELP ID 30200 IN Screen
  ELSE
HELP ID 30060 IN Screen
  ENDIF
ENDPROC
Value = RJ
ControlSource = "par0010.denominacao"

Enabled = .f.
Height = 21
Left = 113
ReadOnly = .T.
Top = 57
Visible = .T.
Width = 301
Name = "denomina"
Top = 390
Left = 108
Width = 368
Height = 27
Name = "Navega1"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.TerminateRead = .T.
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
procedure Destroy
*****
ENDPROC
procedure cmdPrev.Click
  Thisform.Combo1.Value=""
  TxtBtns.cmdPrev::Click
  Thisform.Refresh
ENDPROC
procedure cmdNext.Click
  Thisform.Combo1.Value=""
  TxtBtns.cmdNext::Click
  Thisform.Refresh
ENDPROC
procedure cmdTop.Click
  Thisform.Combo1.Value=""
  TxtBtns.cmdTop::Click
  Thisform.Refresh
ENDPROC
procedure cmdEnd.Click
  Thisform.Combo1.Value=""
  TxtBtns.cmdEnd::Click
  Thisform.Refresh
ENDPROC
ColumnCount = 5
DeleteMark = .f.
Enabled = .T.
Height = 198
Left = 3
Panel = 1
ReadOnly = .T.
RecordSource = "pepv0050"
RecordSourceType = 1
Top = 151
Width = 563
Name = "Grid1"
Column1.ControlSource =
"pepv0050.material"
Column1.Enabled = .T.
Column1.Width = 56
Column1.ReadOnly = .T.
Column1.Name = "Column1"
Column2.ControlSource =
"pepv0050.nome_mat"
Column2.Enabled = .T.
Column2.Width = 193
Column2.ReadOnly = .T.
Column2.Name = "Column2"
Column3.ControlSource = "pepv0050.und"
Column3.Enabled = .T.
Column3.Width = 98
Column3.ReadOnly = .T.
Column3.Name = "Column3"

Column4.ControlSource = "pepv0050.undw"
Column4.Enabled = .T.
Column4.Width = 98
Column4.ReadOnly = .T.
Column4.Name = "Column4"
Column5.ControlSource = "pepv0050.fator"
Column5.Enabled = .T.
Column5.Width = 84
Column5.ReadOnly = .T.
Column5.Name = "Column5"
Alignment = 2
Caption = "Material"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value = (MAT0020.material)
Enabled = .T.
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
TerminateRead = .f.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value = (MAT0020.Nome_mat)
Enabled = .T.
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Und Comercial"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Enabled = .T.
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Und Trabalho"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Enabled = .T.
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Fator"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Enabled = .T.
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"

*****

1.89 FORMSPEP\TPEP0320.SCX

Left = 0
Top = 0
Width = 792

```

```

Height = 451
Name = "Dataenvironment"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "par0010"
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor3"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "pep0010"
Database = ..\sicro.dbc
CursorSource = "pep0010"
Name = "Cursor1"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor2"
Left = 440
Top = 10
Width = 90
Height = 90
Alias = "pep0040"
Database = ..\sicro.dbc
CursorSource = "pep0040"
Name = "Cursor4"
Left = 580
Top = 10
Width = 90
Height = 90
Alias = "eqp0040"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor5"
Left = 20
Top = 130
Width = 90
Height = 90
Alias = "pep0030"
Database = ..\sicro.dbc
CursorSource = "pep0030"
Name = "Cursor6"
Left = 160
Top = 130
Width = 90
Height = 90
Alias = "pep0020"
Database = ..\sicro.dbc
CursorSource = "pep0020"
Name = "Cursor7"
Left = 300
Top = 130
Width = 90
Height = 90
Alias = "pep0050"
Database = ..\sicro.dbc
CursorSource = "pep0050"
Name = "Cursor8"
Left = 440
Top = 130
Width = 90
Height = 90
Alias = "pep0060"
Database = ..\sicro.dbc
CursorSource = "pep0060"
Name = "Cursor9"
Left = 580

```

```

Top = 130
Width = 90
Height = 90
Alias = "pep0070"
Database = ..\sicro.dbc
CursorSource = "pep0070"
Name = "Cursor10"
Left = 20
Top = 250
Width = 90
Height = 90
Alias = "eqp0010"
Database = ..\sicro.dbc
CursorSource = "eqp0010"
Name = "Cursor11"
Height = 351
Width = 462
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0320"
HelpContextID = 30220
icon = ..\dner02.ico
Name = "tpep0320"
procedure Init
    PUBLIC UFBASE,mesano,datagd,
    MESANT

    UFBASE=""
    mesano=" / "
    MESANT={ / / }
    datagd=Thisform.combo_data.Value
    Thisform.dataproc = ctod(datagd)

    Thisform.combo_data.Valid

ENDPROC
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Sistema de Pesquisa de Preços"
Height = 37
Left = 22
Top = 34
Width = 415
Name = "Label1"
Top = 178
Left = 22
Height = 29
Width = 92
Caption = "Simplificado"
Enabled = .f.
Name = "simples"
procedure Click
    IF !empty(datagd)
        IF perg('Deseja emitir questionarios para
= ' + datagd + ' em ' + ;
                Thisform.Combo_uf.Value) = .T.

                do emite_q_eqp IN procs with
Thisform.dataproc,
Thisform.Combo_uf.Value
                do emite_q_mat IN procs with
Thisform.dataproc,
Thisform.Combo_uf.Value

                do CASE
                    CASE Thisform.OPquest.Value=1 and
Thisform.oplocal.Value=1
                        do form impressa with
"rpep0320",'cod_uf='+'''+Thisform.Combo_u
f.Value+''''
                    CASE Thisform.OPquest.Value=1 and
Thisform.oplocal.Value=2
                        do form impressa with
"rpep0320",'cod_uf='+'''+Thisform.Combo_u
f.Value+''''+' and
local='+'''+Thisform.LOCAL.Value+''''+'
and montagem=.f.'
                    CASE Thisform.OPquest.Value=2 and
Thisform.oplocal.Value=2
                        do form impressa with
"rpep0330",'cod_uf='+'''+Thisform.Combo_u
f.Value+''''+' and
local='+'''+Thisform.LOCAL.Value+''''
                    ENDCASE

                ENDIF
ELSE
    wait WINDOW "Data de referencia não
existe."
ENDIF
ENDPROC
Top = 9
Left = 411
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30220 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 22
Top = 17
Width = 301
Name = "Label2"
BorderColor = 255,255,255
Height = 1
Left = 30
Top = 90
Width = 409
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 30
Top = 91
Width = 409
Name = "Shape2"
BackStyle = 0
Caption = "Unidade da Federação:"
Height = 18
Left = 28
Top = 100
Width = 157
Name = "Label4"
Top = 223
Left = 22
Height = 29
Width = 92
Caption = "Completo"
Enabled = .f.
Name = "completo"
procedure Click
    IF !empty(datagd)

```

```

CASE Thisform.OPquest.Value=2 and
Thisform.oplocal.Value=1
    do form impressa with
"rpep0330",'cod_uf='+'''+Thisform.Combo_u
f.Value+''''
    CASE Thisform.OPquest.Value=1 and
Thisform.oplocal.Value=2
        do form impressa with
"rpep0320",'cod_uf='+'''+Thisform.Combo_u
f.Value+''''+' and
local='+'''+Thisform.LOCAL.Value+''''+'
and montagem=.f.'
    CASE Thisform.OPquest.Value=2 and
Thisform.oplocal.Value=2
        do form impressa with
"rpep0330",'cod_uf='+'''+Thisform.Combo_u
f.Value+''''+' and
local='+'''+Thisform.LOCAL.Value+''''
    ENDCASE

    ENDIF
ELSE
    wait WINDOW "Data de referencia não
existe."
ENDIF
ENDPROC
Top = 9
Left = 411
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30220 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 22
Top = 17
Width = 301
Name = "Label2"
BorderColor = 255,255,255
Height = 1
Left = 30
Top = 90
Width = 409
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 30
Top = 91
Width = 409
Name = "Shape2"
BackStyle = 0
Caption = "Unidade da Federação:"
Height = 18
Left = 28
Top = 100
Width = 157
Name = "Label4"
Top = 223
Left = 22
Height = 29
Width = 92
Caption = "Completo"
Enabled = .f.
Name = "completo"
procedure Click
    IF !empty(datagd)

```



```

IF perg('Deseja emitir questionarios para
= ' + datagd + ' em ' + ;
    Thisform.Combo_uf.Value) = .T.

    do emite_q_eqp IN procs with
Thisform.dataproc,
Thisform.Combo_uf.Value
    do emite_q_mat IN procs with
Thisform.dataproc,
Thisform.Combo_uf.Value

    do CASE
    CASE Thisform.OPquest.Value=1 and
Thisform.oplocal.Value=1
    do form impressa with
"rpep0321",'cod_uf='+'''+Thisform.Combo_u
f.Value+''' and montagem=.f.'
    CASE Thisform.OPquest.Value=2 and
Thisform.oplocal.Value=1

condic='cod_uf='+'''+Thisform.Combo_uf.Valu
e+'''
    do form impressa with
"rpep0331",condic
    CASE Thisform.OPquest.Value=1 and
Thisform.oplocal.Value=2
    do form impressa with
"rpep0321",'cod_uf='+'''+Thisform.Combo_u
f.Value+'''+' and
local='+'''+Thisform.LOCAL.Value+''' and
montagem=.f.'
    CASE Thisform.OPquest.Value=2 and
Thisform.oplocal.Value=2
    do form impressa with
"rpep0331",'cod_uf='+'''+Thisform.Combo_u
f.Value+'''+' and
local='+'''+Thisform.LOCAL.Value+'''
    ENDCASE
    ENDIF
ELSE
    wait WINDOW "Data de referencia não
existe."
ENDIF
ENDPROC
FontName = "Arial"
FontSize = 16
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Emissão de Questionários"
Height = 26
Left = 22
Top = 64
Width = 307
Name = "Label8"
BorderColor = 255,255,255
Height = 1
Left = 30
Top = 153
Width = 409
Name = "Shape9"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 30
Top = 154
Width = 409
Name = "Shape10"
ColumnCount = 2
ColumnWidths = "40,150"
RowSourceType = 3
RowSource = ""
Enabled = .f.
Height = 24
Left = 324
Top = 212

Width = 133
Name = "Local"
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 48
Left = 202
Top = 190
Width = 115
Name = "oplocal"
Option1.BackStyle = 0
Option1.Caption = "Todos"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 68
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Selecionar"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 25
Option2.Width = 88
Option2.AutoSize = .T.
Option2.Name = "Option2"
procedure Valid
do CASE
CASE Thisform.oplocal.Value=1
Thisform.LOCAL.Enabled=.f.
CASE Thisform.oplocal.Value=2
IF !empty(Thisform.Combo_uf.Value)
Thisform.LOCAL.RowSource="select
local,nome from pep0010 where
Cod_uf=ufbase into cursor loc"
ELSE
Thisform.LOCAL.RowSource="select
local,nome from pep0010 into cursor loc"
ENDIF
Thisform.LOCAL.Enabled=.T.
ENDCASE
ENDPROC
BackStyle = 0
Caption = "Estabelecimentos"
Height = 18
Left = 190
Top = 169
Width = 133
Name = "Label3"
ColumnCount = 2
ColumnWidths = "30,175"
RowSourceType = 3
RowSource = "select par0010.uf,
par0010.denominacao from par0010 order by
1 where SUBSTR(par0010.uf,1,1) != 'Z' into
cursor datauf"
FirstElement = 1
Height = 24
Left = 29
NumberOfElements = 0
Top = 121
Width = 229
Name = "Combo_UF"
procedure Valid
Thisform.simples.Enabled=.T.
Thisform.completo.Enabled=.T.
Thisform.Manual.Enabled=.T.
*Thisform.Local.Enabled=.t.
UFBASE=Thisform.Combo_uf.Value
Thisform.LOCAL.RowSource="select
local,nome from pep0010 where
Cod_uf=ufbase into cursor loc"
ENDPROC

BackStyle = 0
Caption = "Data de Referência:"
Height = 18
Left = 274
Top = 100
Width = 157
Name = "Label5"
Top = 269
Left = 22
Height = 29
Width = 92
Caption = "Manual"
Enabled = .f.
Name = "Manual"
procedure Click
IF !empty(datagd)

set safety off
MESANT =
gomonth(Thisform.dataproc,-1)

IF Thisform.OPquest.Value=1
SELECT DISTINCT ;
cod_uf AS cod_uf, LOCAL AS
LOCAL, pesquisa AS pesquisa, ;
equipamento AS equipment,
aquisicao AS valor_ant ;
FROM pep0030 ;
INTO table WPEP0320 ;
Order BY cod_uf, equipment,
LOCAL ;
WHERE cod_uf =
Thisform.Combo_uf.Value ;
and pesquisa = MESANT
index on
cod_uf+equipment+LOCAL tag uf_eqp_loc
of WPEP0320.cdx
index on equipment tag IEQP of
WPEP0320.cdx
ELSE
SELECT DISTINCT ;
cod_uf AS cod_uf, LOCAL AS
LOCAL, pesquisa AS pesquisa, ;
material AS material, mat_pesq AS
valor_ant ;
FROM pep0060 ;
INTO table WPEP0321 ;
Order BY cod_uf, material,
LOCAL ;
WHERE cod_uf =
Thisform.Combo_uf.Value ;
and pesquisa = MESANT
index on cod_uf+material+LOCAL
tag uf_mat_loc of WPEP0321.cdx
index on material tag lmat of
WPEP0321.cdx
ENDIF

IF perg('Deseja emitir questionarios para
= ' + datagd + ' em ' + ;
    Thisform.Combo_uf.Value) = .T.

    do emite_q_eqp IN procs with
Thisform.dataproc,
Thisform.Combo_uf.Value
    do emite_q_mat IN procs with
Thisform.dataproc,
Thisform.Combo_uf.Value

    IF Thisform.OPquest.Value=1
    do form impressa with
"rpep0322",'cod_uf='+'''+Thisform.Combo_u
f.Value+''' and
dtoc(pesquisa)=''+DTOC(Thisform.dataproc)
+'''

```

```

ELSE
do form impressa with
"rpep0332",cod_uf='+'+Thisform.Combo_u
f.Value+'and
dtoc(pepv0062.pesquisa)="+DTOC(Thisfor
m.dataproc)+"
ENDIF
ENDIF
ELSE
wait WINDOW "Data de referencia não
existe."
ENDIF
ENDPROC
Top = 312
Left = 22
Height = 29
Width = 92
Caption = "Fechar"
Name = "Cancela"
procedure Click
sele datapesq
use
sele datauf
use
SELECT "0" AS xxx FROM par0010
INTO CURSOR loc
sele loc
use
DELETE FROM WPEP0320
sele WPEP0320
use
DELETE FROM WPEP0321
sele WPEP0321
use

Thisform.release
ENDPROC
BackStyle = 0
Caption = "Questionários:"
Height = 18
Left = 192
Top = 257
Width = 115
Name = "Label6"
AutoSize = .T.
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 48
Left = 200
Top = 278
Width = 119
Name = "opquest"
Option1.BackStyle = 0
Option1.Caption = "Equipamentos"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 109
Option1.AutoSize = .f.
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Material"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 25
Option2.Width = 109
Option2.AutoSize = .f.
Option2.Name = "Option2"
Alignment = 0
RowSourceType = 3

```

```

RowSource = "select distinct pesquisa from
PEP0040 order by 1 DESC into cursor
datapesq union select par0040.critica from
par0040 union select pesquisa from
PEP0070"
DisplayValue = 1
Value = (datapesq)
DragMode = 0
Height = 24
Left = 326
Top = 121
Visible = .T.
Width = 115
Name = "Combo_Data"
procedure Click
Thisform.dataproc =
ctod(Thisform.combo_data.Value)

ENDPROC
procedure Init
datagd=Thisform.combo_data.Value
Thisform.dataproc =
ctod(Thisform.combo_data.Value)

mesano=SUBSTR(Thisform.combo_data.Val
ue,4)

ENDPROC
procedure Valid
datagd=Thisform.combo_data.Value
IF LEN(datagd)>=4
mesano=SUBSTR(datagd,4)
ELSE
mesano=" / "
ENDIF
Thisform.dataproc = ctod(datagd)

ENDPROC

*****

1.90 FORMSPEP\TPEP0330.SCX

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "par0010"
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor3"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "pep0010"
Order = "cod_local"
Database = ..\sicro.dbc
CursorSource = "pep0010"
Name = "Cursor1"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor2"
Height = 327

```

```

Width = 440
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0330"
HelpContextID = 30230
icon = ..\dner02.ico
LockScreen = .f.
Name = "tpep0330"
procedure Init
PUBLIC cduf,mesano

cduf=""
ENDPROC
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Sistema de Pesquisa de Preços"
Height = 37
Left = 12
Top = 31
Width = 415
Name = "Label1"
Top = 216
Left = 336
Height = 29
Width = 93
Caption = "Processar"
Enabled = .f.
Name = "processar"
procedure Click
PUBLIC
UFBASE,este_uf,ESTE_LOCAL,esta_data,c
ondic
esta_data=ctod("")
UFBASE=""
este_uf=""
ESTE_LOCAL=""
with Thisform

do CASE
CASE .optipo.Value=1
do CASE
CASE .OPquest.Value=1
do form tpep0331 with
.Combo_uf.Value,.dataproc,IIF(!empty(.LOC
AL.Value),.LOCAL.Value,"")
CASE .OPquest.Value=2
do form tpep0332 with
.Combo_uf.Value,.dataproc,IIF(!empty(.LOC
AL.Value),.LOCAL.Value,"")
ENDCASE

CASE .optipo.Value=2
do CASE
CASE .OPquest.Value=1

condic=IIF(!empty(.Combo_uf.Value),"cod_
uf="+.Combo_uf.Value+"",".t.")
do form impressa with "rpep0341",condic
CASE .OPquest.Value=2

condic=IIF(!empty(.Combo_uf.Value),"cod_
uf="+.Combo_uf.Value+"",".t.")
do form impressa with "rpep0342",condic
ENDCASE
ENDCASE
Endwith

ENDPROC
Top = 2

```

```

Left = 397
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30230 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 12
Top = 11
Width = 301
Name = "Label2"
BorderColor = 255,255,255
Height = 1
Left = 16
Top = 93
Width = 409
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 16
Top = 94
Width = 409
Name = "Shape2"
BackStyle = 0
Caption = "Unidade da Federação:"
Height = 18
Left = 18
Top = 103
Width = 157
Name = "Label4"
FontName = "Arial"
FontSize = 16
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Registro / Correção de
Questionários"
Height = 26
Left = 12
Top = 64
Width = 409
Name = "Label8"
BorderColor = 255,255,255
Height = 1
Left = 16
Top = 156
Width = 409
Name = "Shape9"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 16
Top = 157
Width = 409
Name = "Shape10"
BackStyle = 0
Caption = "Data de Referência:"
Height = 18
Left = 270
Top = 103
Width = 157
Name = "Label5"
BackStyle = 0
Caption = "Questionários:"
Height = 18
Left = 184
Top = 181

```

```

Width = 115
Name = "Label6"
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 25
Left = 52
Top = 289
Width = 337
Name = "optipo"
Option1.BackStyle = 0
Option1.Caption = "Manuseio do BD"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 0
Option1.Top = 5
Option1.Width = 155
Option1.Name = "Option1"
Option2.Alignment = 0
Option2.BackStyle = 0
Option2.Caption = "Emissão de Relatório"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 162
Option2.Top = 5
Option2.Width = 155
Option2.Name = "Option2"
BorderColor = 255,255,255
Height = 1
Left = 16
Top = 286
Width = 409
Name = "Shape3"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 16
Top = 287
Width = 409
Name = "Shape4"
ColumnCount = 2
ColumnWidths = "30,175"
RowSourceType = 3
RowSource = "select par0010.uf,
par0010.denominacao from par0010 order by
1 where SUBSTR(par0010.uf,1,1) != 'Z' into
cursor datauf"
FirstElement = 1
Height = 24
Left = 38
NumberOfElements = 0
Top = 123
Width = 229
Name = "Combo_UF"
procedure Valid
    Thisform.processar.Enabled=.T.

    cduf=Thisform.Combo_uf.Value

    sele pep0010
    set FILTER to cod_uf=cduf
    GO Top

    Thisform.LOCAL.RowSource="select
local,nome from pep0010 where
Cod_uf=CDUF into cursor loc"

ENDPROC
AutoSize = .T.
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1

```

```

Height = 48
Left = 192
Top = 202
Width = 119
Name = "opquest"
Option1.BackStyle = 0
Option1.Caption = "Equipamentos"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 109
Option1.AutoSize = .f.
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Material"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 25
Option2.Width = 109
Option2.AutoSize = .f.
Option2.Name = "Option2"
ColumnCount = 2
ColumnWidths = "40,150"
RowSourceType = 3
RowSource = ""
Enabled = .f.
Height = 24
Left = 56
Top = 246
Width = 141
Name = "Local"
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 48
Left = 30
Top = 202
Width = 115
Name = "oplocal"
Option1.BackStyle = 0
Option1.Caption = "Todos"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 68
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Selecionar"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 25
Option2.Width = 88
Option2.AutoSize = .T.
Option2.Name = "Option2"
procedure Valid
    do CASE
CASE Thisform.oplocal.Value=1
    Thisform.LOCAL.Enabled=.f.
CASE Thisform.oplocal.Value=2
    IF !empty(Thisform.Combo_uf.Value)
        Thisform.LOCAL.RowSource="select
local,nome from pep0010 where
Cod_uf=CDUF into cursor loc"
    ELSE
        Thisform.LOCAL.RowSource="select
local,nome from pep0010 into cursor loc"
    ENDIF
    Thisform.LOCAL.Enabled=.T.
ENDCASE
ENDPROC
BackStyle = 0

```

```

Caption = "Estabelecimentos"
Height = 18
Left = 18
Top = 181
Width = 133
Name = "Label3"
Top = 252
Left = 336
Height = 29
Width = 93
Caption = "Fechar"
Name = "Cancela"
procedure Click
    Thisform.release
ENDPROC
Alignment = 0
RowSourceType = 3
RowSource = "select distinct pesquisa from
PEP0040 order by pep0040.pesquisa DESC
into cursor datapesq"
DisplayValue = 1
Value = (datapesq)
ControlSource = ""
Height = 24
Left = 288
Sorted = .f.
Top = 123
Visible = .T.
Width = 115
Name = "Combo_Data"
procedure Valid

mesano=SUBSTR(Thisform.combo_data.Val
ue,4)
    Thisform.dataproc =
ctod(Thisform.combo_data.Value)

ENDPROC
procedure Init
    Thisform.dataproc =
ctod(Thisform.combo_data.Value)

mesano=SUBSTR(Thisform.combo_data.Val
ue,4)
ENDPROC
procedure Click
    Thisform.dataproc =
ctod(Thisform.combo_data.Value)

ENDPROC

*****

1.91 FORMSPEP\TPEP0331.SCX

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 107
Height = 131
Alias = "pep0010"
BufferModeOverride = 5
Order = "cod_local"
Database = ..\sicro.dbc
CursorSource = "pep0010"
Name = "Cursor1"
Left = 300
Top = 10
Width = 107
Height = 142
Alias = "pepv0031"
BufferModeOverride = 5
Order = ""

Database = ..\sicro.dbc
CursorSource = "pepv0031"
Name = "Cursor3"
Left = 160
Top = 10
Width = 95
Height = 90
Alias = "par0040"
BufferModeOverride = 5
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor2"
ScaleMode = 3
Height = 369
Width = 595
DoCreate = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0331"
Visible = .f.
HelpContextID = 30240
icon = ..\dner02.ico
LockScreen = .f.
Name = "TPEP0331"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Estabelecimentos: Preços
Informados (1)"
Label1.Width = 478
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 7
Shape1.Top = 42
Shape1.Width = 583
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 7
Shape2.Top = 43
Shape2.Width = 583
Shape2.Name = "Shape2"
Shape3.Left = 7
Shape3.Top = 327
Shape3.Width = 583
Shape3.Name = "Shape3"
Shape4.Left = 7
Shape4.Top = 328
Shape4.Width = 583
Shape4.Name = "Shape4"
procedure Refresh
    sele pep0010
    este_uf=cod_uf
    ESTE_LOCAL=LOCAL

    sele PEPV0031
    set FILTER to cod_uf=este_uf and
LOCAL=ESTE_LOCAL and
pesquisa=esta_data
GO Top
    sele pep0010

ENDPROC
procedure Init
    parameters xuf,xdata,xlocal
    IF !empty(xdata)
        esta_data=xdata
    ELSE
        esta_data=par0040.critica
    ENDIF
    Thisform.Text2.Value=esta_data
    IF !empty(xuf) and empty(xlocal)
        UFBASE=xuf
        sele pep0010
        SEEK UFBASE
    ELSE
        sele pep0010
        GO Top
    ENDIF

    IF !empty(xlocal)
        sele pep0010
        GO Top
        LOCATE FOR LOCAL=xlocal and
cod_uf=xuf
    ENDIF

    este_uf=pep0010.cod_uf
    ESTE_LOCAL=pep0010.LOCAL

    sele pep0010

    Thisform.Refresh
    Thisform.Botoes.cmdNext.Click
    Thisform.Botoes.cmdPrev.Click
ENDPROC
FontBold = .T.
FontOutline = .T.
FontSize = 10
Caption = "UF:"
Left = 10
Top = 55
Visible = .T.
Width = 38
Name = "LBLCOD_UF1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pep0010.cod_uf"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 37
ReadOnly = .T.
Top = 49
Visible = .T.
Width = 42
Name = "COD_UF1"
FontBold = .T.
FontOutline = .T.
FontSize = 10
Caption = "Local:"
Left = 92
Top = 55
Visible = .T.
Width = 38
Name = "LBLLOCAL1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pep0010.local"
Enabled = .f.
Height = 24
InputMask = "XXXX"
Left = 150
ReadOnly = .T.
Top = 49
Visible = .T.
Width = 57
Name = "LOCAL1"
FontBold = .T.

```

```

FontOutline = .T.
FontSize = 10
Caption = "Nome:"
Left = 92
Top = 84
Visible = .T.
Width = 38
Name = "LBLNOME1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pepv0010.nome"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 150
ReadOnly = .T.
Top = 80
Visible = .T.
Width = 380
Name = "NOME1"
ColumnCount = 4
DeleteMark = .f.
Height = 209
Left = 11
ReadOnly = .T.
RecordSource = "pepv0031"
RecordSourceType = 1
Top = 111
Visible = .T.
Width = 573
Comment = ""
Name = "grid1"
Column1.ControlSource =
"pepv0031.equipamento"
Column1.Width = 50
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource =
"pepv0031.fabricante"
Column2.Width = 200
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"pepv0031.modelo"
Column3.Width = 200
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ControlSource =
"pepv0031.aquisicao"
Column4.Width = 90
Column4.ReadOnly = .T.
Column4.Visible = .T.
Column4.Name = "Column4"
Caption = "Equip."
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Fabricante"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0

```

```

ControlSource = "pepv0031.fabricante"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Modelo"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pepv0031.modelo"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Preço Unit."
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pepv0031.aquisicao"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 47
Left = 555
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 30240 IN Screen
ENDPROC
BackStyle = 0
Caption = "Data da Pesquisa:"
Height = 18
Left = 287
Top = 52
Width = 119
Name = "Label2"
Alignment = 2
Enabled = .f.
Height = 24
Left = 417
ReadOnly = .T.
Top = 48
Width = 113
Name = "Text2"
Top = 340
Left = 54
Width = 482
Height = 26
Name = "botoes"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
procedure cmdAdd.Click
Edita_Btns::cmdAdd.Click
Thisform.grid1.Column1.ReadOnly=.T.
Thisform.grid1.Column2.ReadOnly=.T.
Thisform.grid1.Column3.ReadOnly=.T.
Thisform.grid1.Column4.ReadOnly=.T.
ENDPROC
procedure cmdEdit.Click
Edita_Btns::cmdEdit.Click

```

```

Thisform.grid1.Column1.ReadOnly=.T.
Thisform.grid1.Column2.ReadOnly=.T.
Thisform.grid1.Column3.ReadOnly=.T.
Thisform.grid1.Column4.ReadOnly=.f.

```

ENDPROC

1.92 FORMSPEP\TPEP0332.SCX

```

Left = 0
Top = 0
Width = 792
Height = 419
InitialSelectedAlias = "pepv0010"
Name = "Dataenvironment"
Alias = "pepv0010"
BufferModeOverride = 5
Order = "cod_local"
Database = ..\sicro.dbc
CursorSource = "pepv0010"
Name = "Cursor1"
Alias = "pepv0061"
BufferModeOverride = 5
Database = ..\sicro.dbc
CursorSource = "pepv0061"
Name = "Cursor2"
Left = 20
Top = 130
Width = 95
Height = 90
Alias = "par0040"
BufferModeOverride = 5
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor3"
ScaleMode = 3
Height = 356
Width = 580
DoCreate = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0332"
Visible = .f.
HelpContextID = 30250
icon = ..\dner02.ico
LockScreen = .f.
Name = "TPEP0332"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Estabelecimentos: Preços
Informados (2)"
Label1.Width = 478
Label1.Name = "Label1"
Shape1.Name = "Shape1"
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 308
Shape3.Name = "Shape3"
Shape4.Left = 6
Shape4.Top = 309
Shape4.Name = "Shape4"
procedure Refresh
sele pepv0010
este_uf=cod_uf
ESTE_LOCAL=LOCAL

```

```

sele PEPV0061
set FILTER to cod_uf = este_uf and
LOCAL = ESTE_LOCAL and
pesquisa = esta_data
GO Top
sele pep0010
ENDPROC
procedure Init
parameters xuf,xdata,xlocal

IF !empty(xdata)
esta_data=xdata
ELSE
esta_data=par0040.critica
ENDIF
Thisform.Text2.Value=esta_data
IF !empty (xuf) and empty(xlocal)
UFBASE=xuf
sele pep0010
SEEK UFBASE
ELSE
sele pep0010
GO Top
ENDIF

IF !empty (xlocal)
sele pep0010
GO Top
LOCATE FOR LOCAL=xlocal and
cod_uf=xuf
ENDIF

este_uf=pepv0010.cod_uf
ESTE_LOCAL=LOCAL

sele pep0010

Thisform.Refresh
Thisform.Botoes.cmdNext.Click
Thisform.Botoes.cmdPrev.Click
ENDPROC
ColumnCount = 4
DeleteMark = .f.
Height = 190
Left = 17
ReadOnly = .T.
RecordSource = "pepv0061"
RecordSourceType = 1
tag = "LOCAL"
Top = 109
Visible = .T.
Width = 547
Comment = "LOCAL"
Name = "grid1"
Column1.ControlSource =
"pepv0061.material"
Column1.Width = 60
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.ControlSource = "pepv0061.und"
Column2.Width = 35
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.ControlSource =
"pepv0061.nome_mat"
Column3.Width = 286
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.ControlSource =
"pepv0061.mat_pesq"
Column4.Width = 132
Column4.ReadOnly = .T.
Column4.Visible = .T.
Column4.Name = "Column4"
Caption = "Material"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Und"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Denominação"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Preço Unitário"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = $0,0000
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
FontBold = .T.
FontOutline = .T.
FontSize = 10
Caption = "UF:"
Left = 18
Top = 54
Visible = .T.
Width = 38
Name = "LBLCOD_UF1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pepv0010.cod_uf"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 45
ReadOnly = .T.
Top = 48
Visible = .T.
Width = 42
Name = "COD_UF1"
FontBold = .T.
FontOutline = .T.
FontSize = 10
Caption = "Local:"
Left = 100
Top = 54
Visible = .T.
Width = 38
Name = "LBLLOCAL1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pepv0010.local"
Enabled = .f.
Height = 24
InputMask = "XXXX"
Left = 158
ReadOnly = .T.
Top = 48
Visible = .T.
Width = 57
Name = "LOCAL1"
FontBold = .T.
FontOutline = .T.
FontSize = 10
Caption = "Nome:"
Left = 100
Top = 83
Visible = .T.
Width = 38
Name = "LBLNOME1"
FontBold = .T.
FontSize = 10
Value =
ControlSource = "pepv0010.nome"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 158
ReadOnly = .T.
Top = 79
Visible = .T.
Width = 380
Name = "NOME1"
BackStyle = 0
Caption = "Data da Pesquisa:"
Height = 18
Left = 295
Top = 51
Width = 119
Name = "Label2"
Alignment = 2
ControlSource = "par0040.critica"
Enabled = .f.
Height = 24
Left = 432
ReadOnly = .T.
Top = 48
Width = 106
Name = "Text2"
Top = 319
Left = 62
Width = 482
Height = 26
Name = "botoes"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
procedure cmdAdd.Click
Edita_Btns::cmdAdd.Click
Thisform.grid1.Column1.ReadOnly=.T.
Thisform.grid1.Column2.ReadOnly=.T.
Thisform.grid1.Column3.ReadOnly=.T.
Thisform.grid1.Column4.ReadOnly=.T.
ENDPROC
procedure cmdEdit.Click
Edita_Btns::cmdEdit.Click

```

```

Thisform.grid1.Column1.ReadOnly=.T.
Thisform.grid1.Column2.ReadOnly=.T.
Thisform.grid1.Column3.ReadOnly=.T.
Thisform.grid1.Column4.ReadOnly=.f.

```

```

ENDPROC
Top = 9
Left = 542
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 12
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 30250 IN Screen
ENDPROC

```

1.93 FORMSPEP\TPEP0410.SCX

```

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "par0010"
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor3"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "pep0010"
Database = ..\sicro.dbc
CursorSource = "pep0010"
Name = "Cursor1"
ParentAlias = "par0010"
RelationalExpr = "uf"
ChildAlias = "pep0010"
ChildOrder = "uf"
Name = "Relation1"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor2"
Left = 62
Top = 156
Width = 95
Height = 90
Alias = "eqp0040"
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor4"
Left = 580
Top = 10
Width = 95
Height = 90
Alias = "mat0020"
Order = "imaterial"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "Cursor5"

```

```

Left = 197
Top = 145
Width = 95
Height = 90
Alias = "pep0040"
Database = ..\sicro.dbc
CursorSource = "pep0040"
Name = "Cursor6"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "pep0040"
ChildOrder = "eqp"
Name = "Relation2"
Left = 642
Top = 183
Width = 95
Height = 90
Alias = "pep0070"
Database = ..\sicro.dbc
CursorSource = "pep0070"
Name = "Cursor7"
ParentAlias = "mat0020"
RelationalExpr = "material"
ChildAlias = "pep0070"
ChildOrder = "mat"
Name = "Relation3"
Left = 217
Top = 266
Width = 95
Height = 90
Alias = "pep0030"
Order = "uf_local_e"
Database = ..\sicro.dbc
CursorSource = "pep0030"
Name = "Cursor8"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "pep0030"
ChildOrder = "eqp"
Name = "Relation4"
Left = 430
Top = 11
Width = 95
Height = 90
Alias = "pep0060"
Database = ..\sicro.dbc
CursorSource = "pep0060"
Name = "Cursor9"
ParentAlias = "mat0020"
RelationalExpr = "material"
ChildAlias = "pep0060"
ChildOrder = "mat"
Name = "Relation5"
Left = 370
Top = 144
Width = 95
Height = 90
Alias = "pepv0061"
Database = ..\sicro.dbc
CursorSource = "pepv0061"
Name = "Cursor10"
Height = 349
Width = 451
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0410"
HelpContextID = 30260
icon = ..\dner02.ico
LockScreen = .f.
Name = "tpep0410"
procedure Destroy
set safety on
ENDPROC
procedure Init

```

```

PUBLIC
lim_sup,lim_inf,denomina,mes,mes_1,mes_2,
mes_3,nuf,condlimite,puf

```

```
set safety off
```

```

ENDPROC
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Sistema de Pesquisa de Preços"
Height = 37
Left = 12
Top = 28
Width = 415
Name = "Label1"
Top = 240
Left = 12
Height = 29
Width = 121
Caption = "Estabelecimentos"
Enabled = .f.
Name = "estabel"
procedure Click
puf=Thisform.Combo_uf.Value
limite=Thisform.oplimite.Value
lim_inf=1+(Thisform.inf.Value/100)
lim_sup=1+(Thisform.sup.Value/100)

data_3=gomonth(Thisform.dataproc,-3)

mes=month(Thisform.dataproc)

mes_1=month(gomonth(Thisform.dataproc,-
1))

mes_2=month(gomonth(Thisform.dataproc,-
2))

mes_3=month(gomonth(Thisform.dataproc,-
3))

nmes=EMES(Thisform.dataproc)

nmes_1=EMES(gomonth(Thisform.dataproc,
-1))

nmes_2=EMES(gomonth(Thisform.dataproc,
-2))

nmes_3=EMES(gomonth(Thisform.dataproc,
-3))

condlimite=IIF(limite=1,"t.",("!between(m,li
m_inf*m_1,lim_sup*m_1)) and m<>0")

IF Thisform.OPquest.Value=1

CREATE table critvar free (cod_uf c(2)
,LOCAL c(4),equip c(4),M Y ,m_1 Y ,m_2
Y,m_3 Y)

sele pep0030
set Order to tag uf_local_e
GO Top

scan FOR cod_uf=puf and
BETWEEN(pesquisa,data_3,Thisform.dataproc)

mespesq=month(pep0030.pesquisa)
store 0 to vm,vm_1,vm_2,vm_3
sele critvar

```

```

LOCATE FOR
equip=pep0030.equipamento
do CASE
CASE mespesq=mes
vm=pep0030.aquisicao
CASE mespesq=mes_1
vm_1=pep0030.aquisicao
CASE mespesq=mes_2
vm_2=pep0030.aquisicao
CASE mespesq=mes_3
vm_3=pep0030.aquisicao
ENDCASE

IF FOUND()
do CASE
CASE mespesq=mes
replace M with pep0030.aquisicao
CASE mespesq=mes_1
replace m_1 with pep0030.aquisicao
CASE mespesq=mes_2
replace m_2 with pep0030.aquisicao
CASE mespesq=mes_3
replace m_3 with pep0030.aquisicao
ENDCASE
ELSE
INSERT INTO critvar
(cod_uf,LOCAL,equip,M,m_1,m_2,m_3);
VALUES (
pep0030.cod_uf,pep0030.LOCAL,pep0030.e
quipamento,vm,vm_1,vm_2,vm_3)
ENDIF
endscan
sele critvar
set FILTER to &condlimite
GO Top

IF Thisform.opsaida.Value=2
do form impressa with
"rpep0421",cod_uf='+'''+Thisform.Combo_u
f.Value+''''
ELSE
do form tpep0421 with
Thisform.Combo_uf.Value,Thisform.datapro
c
ENDIF

ELSE
CREATE table critvar free (cod_uf c(2)
,und c(2), LOCAL c(4),material c(4),M Y
,m_1 Y ,m_2 Y,m_3 Y)
sele PEPV0061
scan FOR cod_uf=puf and
BETWEEN(pesquisa,data_3,Thisform.datapro
oc)
mespesq=month(PEPV0061.pesquisa)
store 0 to vm,vm_1,vm_2,vm_3
sele critvar
LOCATE FOR
material=PEPV0061.material
do CASE
CASE mespesq=mes
vm=PEPV0061.mat_pesq
CASE mespesq=mes_1
vm_1=PEPV0061.mat_pesq
CASE mespesq=mes_2
vm_2=PEPV0061.mat_pesq
CASE mespesq=mes_3
vm_3=PEPV0061.mat_pesq
ENDCASE

IF FOUND()
do CASE
CASE mespesq=mes
replace M with PEPV0061.mat_pesq
CASE mespesq=mes_1

```

```

replace m_1 with PEPV0061.mat_pesq
CASE mespesq=mes_2
replace m_2 with PEPV0061.mat_pesq
CASE mespesq=mes_3
replace m_3 with PEPV0061.mat_pesq
ENDCASE
ELSE
INSERT INTO critvar
(cod_uf,und,LOCAL,material,M,m_1,m_2,m
_3);
VALUES (
PEPV0061.cod_uf,PEPV0061.und,PEPV006
1.LOCAL,PEPV0061.material,vm,vm_1,vm_
2,vm_3)
ENDIF
endscan
sele critvar
set FILTER to &condlimite
GO Top

IF Thisform.opsaida.Value=2
do form impressa with
"rpep0422",cod_uf='+'''+Thisform.Combo_u
f.Value+''''
ELSE
do form tpep0422 with
Thisform.Combo_uf.Value,Thisform.datapro
c
ENDIF

ENDIF
sele critvar
use

ENDPROC
Top = 3
Left = 396
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 30260 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 12
Top = 11
Width = 301
Name = "Label2"
BorderColor = 255,255,255
Height = 1
Left = 16
Top = 84
Width = 409
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 16
Top = 85
Width = 409
Name = "Shape2"
BackStyle = 0
Caption = "Unidade da Federação:"
Height = 18
Left = 18
Top = 94
Width = 157
Name = "Label4"

```

```

FontName = "Arial"
FontSize = 16
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Crítica dos Preços Informados"
Height = 26
Left = 12
Top = 58
Width = 409
Name = "Label8"
BorderColor = 255,255,255
Height = 1
Left = 16
Top = 147
Width = 409
Name = "Shape9"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 16
Top = 148
Width = 409
Name = "Shape10"
BackStyle = 0
Caption = "Data do Processamento:"
Height = 18
Left = 270
Top = 94
Width = 157
Name = "Label5"
AutoSize = .T.
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 50
Left = 17
Top = 288
Width = 174
Name = "oplimite"
Option1.BackStyle = 0
Option1.Caption = "Todos os questionários"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 164
Option1.AutoSize = .T.
Option1.Name = "Option1"
Option2.Alignment = 0
Option2.BackStyle = 0
Option2.Caption = "Preços fora dos limites"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 27
Option2.Width = 163
Option2.AutoSize = .T.
Option2.Name = "Option2"
BorderColor = 255,255,255
Height = 1
Left = 16
Top = 283
Width = 409
Name = "Shape3"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 16
Top = 284
Width = 409
Name = "Shape4"
Top = 240
Left = 168
Height = 29

```



```

Width = 121
Caption = "Regional"
Enabled = .f.
Name = "regional"
procedure Click
    puf=Thisform.Combo_uf.Value
    limite=Thisform.oplimite.Value
    lim_inf=Thisform.inf.Value
    lim_sup=Thisform.sup.Value

condlimite=IIF(limite=1,"t.",("!between(varrj
,lim_inf,lim_sup) and varrj<>0"))
do form tpep0411
ENDPROC
Height = 24
Increment = 0.10
Left = 375
Top = 180
Width = 62
Value = 4.00
Name = "sup"
BackStyle = 0
Caption = "Limites de Variação"
Height = 18
Left = 277
Top = 156
Width = 145
Name = "Label3"
BackStyle = 0
Caption = "Superior: "
Height = 18
Left = 294
Top = 183
Width = 73
Name = "Label7"
Height = 24
Increment = 0.10
Left = 375
Top = 210
Width = 62
Value = -8.00
Name = "inf"
BackStyle = 0
Caption = "Inferior:"
Height = 18
Left = 294
Top = 213
Width = 73
Name = "Label9"
AutoSize = .T.
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 50
Left = 254
Top = 288
Width = 165
Name = "opsaida"
Option1.BackStyle = 0
Option1.Caption = "Manuseio do BD"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 155
Option1.Name = "Option1"
Option2.Alignment = 0
Option2.BackStyle = 0
Option2.Caption = "Emissão de Relatório"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 27
Option2.Width = 155
Option2.Name = "Option2"

```

```

BorderColor = 255,255,255
Height = 46
Left = 219
Top = 290
Width = 3
Name = "Shape5"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 45
Left = 220
Top = 290
Width = 1
Name = "Shape6"
ColumnCount = 2
ColumnWidths = "30,175"
RowSourceType = 3
RowSource = "select par0010.uf,
par0010.denominacao from par0010 order by
1 where SUBSTR(par0010.uf,1,1) != 'Z' into
cursor datauf"
FirstElement = 1
Height = 24
Left = 38
NumberOfElements = 0
Top = 115
Width = 229
Name = "Combo_UF"
procedure Valid
    Thisform.estabel.Enabled=.T.
    Thisform.regional.Enabled=.T.
    sele par0010
    set Order to tag iuf
    SEEK Thisform.Combo_uf.Value
    nuf=par0010.uf
    denomina=par0010.denominacao

ENDPROC
Top = 240
Left = 316
Height = 29
Width = 121
Caption = "Fechar"
Name = "Cancela"
procedure Click
    SELECT datauf
    use
    IF used("tpep0411")
        sele tpep0411
        use
    ENDIF
    Thisform.release

ENDPROC
BackStyle = 0
Caption = "Questionários:"
Height = 18
Left = 24
Top = 156
Width = 115
Name = "Label10"
AutoSize = .T.
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 48
Left = 24
Top = 178
Width = 119
Name = "opquest"
Option1.BackStyle = 0
Option1.Caption = "Equipamentos"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5

```

```

Option1.Width = 109
Option1.AutoSize = .f.
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Material"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 25
Option2.Width = 109
Option2.AutoSize = .f.
Option2.Name = "Option2"
Alignment = 0
RowSourceType = 3
RowSource = "select distinct pesquisa from
PEP0040 order by pep0040.pesquisa DESC
into cursor datapesq"
DisplayValue = 1
Value = (datapesq)
ControlSource = ""
Height = 24
Left = 306
Sorted = .f.
Top = 115
Visible = .T.
Width = 115
Name = "Combo_Data"
procedure Valid
    Thisform.dataproc =
ctod(Thisform.combo_data.Value)

ENDPROC
procedure Init
    Thisform.dataproc =
ctod(Thisform.combo_data.Value)

ENDPROC
procedure Click
    Thisform.dataproc =
ctod(Thisform.combo_data.Value)

ENDPROC
*****

I.94 FORMSPEP\TPEP0411.SCX

Left = 0
Top = 0
Width = 792
Height = 419
Name = "Dataenvironment"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "par0010"
Order = "iuf"
Database = ..\micro.dbc
CursorSource = "par0010"
Name = "Cursor3"
Left = 160
Top = 10
Width = 90
Height = 90
Alias = "pep0010"
Database = ..\micro.dbc
CursorSource = "pep0010"
Name = "Cursor1"
ParentAlias = "par0010"
RelationalExpr = "uf"
ChildAlias = "pep0010"
ChildOrder = "uf"
Name = "Relation1"
Left = 20
Top = 10
Width = 90

```

```

Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor2"
Height = 349
Width = 438
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0411"
HelpContextID = 30270
icon = ..\dner02.ico
LockScreen = .f.
Name = "TPEP0411"
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Sistema de Pesquisa de Preços"
Height = 37
Left = 12
Top = 28
Width = 415
Name = "Label1"
Top = 3
Left = 396
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30270 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos Rodoviários"
Height = 18
Left = 12
Top = 11
Width = 301
Name = "Label2"
BorderColor = 255,255,255
Height = 1
Left = 16
Top = 84
Width = 409
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 16
Top = 85
Width = 409
Name = "Shape2"
AutoSize = .T.
FontName = "Arial"
FontSize = 16
BackColor = 250,254,197
BackStyle = 0
BorderStyle = 0
Caption = "Crítica dos Preços Informados - Regional"
Height = 27
Left = 12
Top = 58
Width = 413
Name = "Label8"
BorderColor = 255,255,255
Height = 1
Left = 16
Top = 147

```

```

Width = 409
Name = "Shape9"
Top = 312
Left = 48
Height = 29
Width = 121
Caption = "Processar"
Enabled = .T.
TerminateRead = .T.
Name = "processar"
procedure Click
    j=0
    estados=""
    max_uf=999999999.99
    FOR i=1 to Thisform.lista.Listcount
        IF Thisform.lista.Selected(i)
            estados=estados+Thisform.lista.Listitem(i)+"
            "
            j=j+1
        ENDIF
    ENDFOR

    do while LEN(estados) < 8
        estados =estados + " "
    enddo
    IF j>3
        wait WINDOW "Selecione 3 (três) estados para comparação"
        RETURN
    ENDIF

PUBLIC ARRAY estado(3)
store "" to estado

estado[1]=SUBSTR(estados,1,2)
estado[2]=SUBSTR(estados,4,2)
estado[3]=SUBSTR(estados,7,2)
estados=""
FOR i=1 to 3

    estado[i]=IIF(empty(estado[i]),"N/I",estado[i]
)
    estados=estados+" "+estado[i]
ENDFOR

estados=estados + " RJ"

IF tpep0410.OPquest.Value=1 &&
equipamento
    CREATE table tpep0411 free;
    ( equip c(4), uf0 Y, UF1 Y, uf2 Y, uf3
Y, uf1j Y,MVar N(11,2), varRj N(11,2))

    sele Eqp0040
    scan
        INSERT INTO tpep0411
(equip,uf0,UF1,uf2,uf3,uf1j,MVar,varRj)
VALUES
(Eqp0040.equipamento,0,0,0,0,0,0)
    endscan

    sele pep0040
    set FILTER to
pesquisa=tpep0410.dataproc and
AT(cod_uf,estados)<>0
    scan
        sele tpep0411
        LOCATE FOR equip =
pep0040.equipamento
        IF FOUND()
            do CASE
                CASE pep0040.cod_uf=estado[1]
                    replace UF1 with pep0040.aquisicao

```

```

CASE pep0040.cod_uf=estado[2]
    replace uf2 with pep0040.aquisicao
CASE pep0040.cod_uf=estado[3]
    replace uf3 with pep0040.aquisicao
CASE pep0040.cod_uf="RJ"
    replace uf1j with pep0040.aquisicao
    ENDCASE
ENDIF
endscan

SELECT cod_uf, pesquisa, equipamento AS
equip, min(aquisicao) AS valormin FROM
pep0030;
    WHERE pesquisa=tpep0410.dataproc and
cod_uf=tpep0410.Combo_uf.Value;
    GROUP BY cod_uf, equipamento,
pesquisa;
    INTO CURSOR pep30

scan
    sele tpep0411
    LOCATE FOR equip = pep30.equip
    IF FOUND()
        replace uf0 with pep30.valormin
    ENDIF
endscan

sele tpep0411
scan
    replace varRj with
IIF(uf1j*uf0<>0,(100*((uf0/uf1j)-1)),0)

mx=max(IIF(uf1j<>0,uf0/uf1j,0),IIF(UF1<>0,
uf0/UF1,0),IIF(uf2<>0,uf0/uf2,0),IIF(uf3<>0,
uf0/uf3,0))

mn=min(IIF(uf1j<>0,uf0/uf1j,0),IIF(UF1<>0,
uf0/UF1,0),IIF(uf2<>0,uf0/uf2,0),IIF(uf3<>0,
uf0/uf3,0))

    mx=IIF(mx<>0,(mx-1)*100,0)
    mn=IIF(mn<>0,(mn-1)*100,0)

    replace MVar with
IIF(abs(mx)>abs(mn),mx,mn)
endscan

ELSE && material

    CREATE table tpep0411 free;
    ( material c(4), uf0 Y, UF1 Y, uf2 Y, uf3
Y, uf1j Y,MVar N(11,2), varRj N(11,2))

    sele MAT0020
    scan
        INSERT INTO tpep0411
(material,uf0,UF1,uf2,uf3,uf1j,MVar,varRj)
VALUES (MAT0020.material,0,0,0,0,0,0)
    endscan

    sele pep0070
    set FILTER to
pesquisa=tpep0410.dataproc and
AT(cod_uf,estados)<>0
    scan
        sele tpep0411
        LOCATE FOR material =
pep0070.material
        IF FOUND()
            do CASE
                CASE pep0070.cod_uf=estado[1]

```

```

        replace UF1 with pep0070.valor_mat
CASE pep0070.cod_uf=estado[2]
        replace uf2 with pep0070.valor_mat
CASE pep0070.cod_uf=estado[3]
        replace uf3 with pep0070.valor_mat
CASE pep0070.cod_uf="RJ"
        replace ufrj with pep0070.valor_mat
ENDCASE
ENDIF
endscan

```

```

SELECT cod_uf, pesquisa,material ,
min(mat_pesq) AS valormin FROM
pep0060;
WHERE pesquisa=tpep0410.dataproc and
cod_uf=tpep0410.Combo_uf.Value;
GROUP BY cod_uf,material, pesquisa;
INTO CURSOR pep60

```

```

scan
sele tpep0411
LOCATE FOR material = pep60.material
IF FOUND()
        replace uf0 with pep60.valormin
ENDIF
endscan

```

```

sele tpep0411
scan
        replace varRj with IIF(ufrj<>0,((uf0/ufrj)-
1)*100,0)

```

```

mx=max(IIF(ufrj<>0,uf0/ufrj,0),IIF(UF1<>0,
uf0/UF1,0),IIF(uf2<>0,uf0/uf2,0),IIF(uf3<>0
,uf0/uf3,0))

```

```

mn=min(IIF(ufrj<>0,uf0/ufrj,0),IIF(UF1<>0,
uf0/UF1,0),IIF(uf2<>0,uf0/uf2,0),IIF(uf3<>0
,uf0/uf3,0))

```

```

mx=IIF(mx<>0,(mx-1)*100,0)
mn=IIF(mn<>0,(mn-1)*100,0)

```

```

        replace MVar with
IIF(abs(mx)>abs(mn),mx,mn)

```

```

endscan
ENDIF
sele tpep0411
set FILTER to &condlimite
GO Top

```

```

IF tpep0410.opsaida.Value=2
IF tpep0410.OPquest.Value=1
do form impressa with "rpep0431"
ELSE
do form impressa with "rpep0432"
ENDIF
ELSE
IF tpep0410.OPquest.Value=1
do form tpep0431 with nuf
IF used("tpep0411")
sele tpep0411
use
ENDIF
ELSE
do form tpep0432 with nuf
ENDIF

```

```

ENDIF
Thisform.release
ENDPROC
Top = 312

```

```

Left = 288
Height = 29
Width = 121
Caption = "Fechar"
Name = "Cancela"
procedure Click
        Thisform.release
ENDPROC
ColumnCount = 3
ColumnWidths = "28,175,44"
RowSourceType = 3
RowSource = "select par0010.uf,
par0010.denominacao, par0010.regiao from
par0010 order by 1 where
SUBSTR(par0010.uf,1,1) != 'Z' into cursor
datauf "
FirstElement = 1
Height = 169
Left = 48
MultiSelect = .T.
NumberOfElements = 0
Top = 132
Width = 349
Name = "lista"
AutoSize = .T.
FontSize = 11
BackStyle = 0
Caption = "Selecione até três estados para
comparação : "
Height = 20
Left = 24
Top = 108
Width = 321
Name = "Label3"

```

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```

Left = 66
Top = 141
Width = 400
Height = 193
Name = "Dataenvironment"
Alias = "par0010"
BufferModeOverride = 5
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor1"
Left = 146
Top = 27
Width = 95
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor3"
Left = 20
Top = 130
Width = 95
Height = 90
Alias = "pepv0031"
Database = ..\sicro.dbc
CursorSource = "pepv0031"
Name = "Cursor2"
ScaleMode = 3
Height = 369
Width = 654
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0421"
Visible = .f.
HelpContextID = 30280
icon = ..\dner02.ico
WindowType = 1

```

```

LockScreen = .f.
Name = "TPEP0421"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Crítica de Preço dos
Estabelecimentos (1)"
Label1.Top = 8
Label1.Width = 486
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 11
Shape1.Top = 50
Shape1.Width = 621
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 11
Shape2.Top = 51
Shape2.Width = 621
Shape2.Name = "Shape2"
Shape3.Left = 11
Shape3.Top = 329
Shape3.Width = 621
Shape3.Name = "Shape3"
Shape4.Left = 11
Shape4.Top = 330
Shape4.Width = 621
Shape4.Name = "Shape4"

```

```

procedure Init
        parameters puf,pData

        sele par0010
set Order to tag iuf
SEEK puf

Thisform.grid1.Column3.Header1.Caption=E
MES(gomonth(pData,-3))

Thisform.grid1.Column4.Header1.Caption=E
MES(gomonth(pData,-2))

Thisform.grid1.Column5.Header1.Caption=E
MES(gomonth(pData,-1))

Thisform.grid1.Column6.Header1.Caption=E
MES(pData)

        Thisform.Text2.Value=pData

        sele critvar
GO Top

ENDPROC
FontBold = .T.
FontSize = 10
Caption = "UF:"
Height = 13
Left = 10
Top = 67
Visible = .T.
Width = 39
Name = "LBLUF1"
FontBold = .T.
FontSize = 10
Value = RS
ControlSource = "par0010.uf"
Enabled = .f.

```

```

Height = 24
InputMask = "XX"
Left = 49
Top = 61
Visible = .T.
Width = 45
Name = "UF1"
FontBold = .T.
FontSize = 10
Caption = "Denominação:"
Height = 21
Left = 142
Top = 67
Visible = .T.
Width = 95
Name = "LBLDENOMINACAO1"
FontBold = .T.
FontSize = 10
Value = Rio Grande do Sul
ControlSource = "par0010.denominacao"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 244
Top = 61
Visible = .T.
Width = 279
Name = "DENOMINACAO1"
ColumnCount = 7
DeleteMark = .f.
Height = 228
Left = 2
Panel = 1
ReadOnly = .T.
RecordSource = "critvar"
RecordSourceType = 1
Top = 94
Width = 651
Name = "grid1"
Column1.Bound = .f.
Column1.ControlSource = "critvar.local"
Column1.Width = 55
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource = "critvar.equip"
Column2.Width = 85
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource = "critvar.m_3"
Column3.Width = 100
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ControlSource = "critvar.m_2"
Column4.Width = 100
Column4.ReadOnly = .T.
Column4.Visible = .T.
Column4.Name = "Column4"
Column5.Bound = .f.
Column5.ControlSource = "critvar.m_1"
Column5.Width = 100
Column5.ReadOnly = .T.
Column5.Visible = .T.
Column5.Name = "Column5"
Column6.Bound = .f.
Column6.ControlSource = "critvar.m"
Column6.Width = 100
Column6.ReadOnly = .T.
Column6.Visible = .T.

```

```

Column6.Name = "Column6"
Column7.Alignment = 1
Column7.Bound = .f.
Column7.ControlSource =
"iif(critvar.m_1<>0,((critvar.m/critvar.m_1)-
1)*100,0)"
Column7.ReadOnly = .T.
Column7.Sparse = .T.
Column7.Visible = .T.
Column7.Name = "Column7"
Alignment = 2
Caption = "Local"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
Visible = .T.
ColorSource = 3
Name = "Text1"
Caption = "Equipamento"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "CRITVAR.EQUIP"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
Visible = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "M - 3"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "CRITVAR.M_3"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
Visible = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "M - 2"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "CRITVAR.M_2"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
Visible = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "M - 1"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "CRITVAR.M_1"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
Visible = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "M"
Name = "Header1"

```

```

Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "CRITVAR.M"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
Visible = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Variação"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
ControlSource = ""
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
Visible = .T.
ColorSource = 3
Name = "Text1"
Top = 11
Left = 597
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 30280 IN Screen
ENDPROC
Alignment = 2
ControlSource = "par0040.critica"
Height = 24
Left = 538
ReadOnly = .T.
Top = 61
Width = 82
Name = "Text2"
Top = 335
Left = 552
Height = 29
Width = 72
Caption = "Fechar"
Name = "Cancela"
procedure Click
Thisform.release
ENDPROC

*****

1.96 FORMSPEP\TPEP0422.SCX

Left = 83
Top = 132
Width = 400
Height = 185
Name = "Dataenvironment"
Alias = "par0010"
BufferModeOverride = 5
Order = "iuif"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "CURSOR1"
Alias = "pepv0061"
BufferModeOverride = 5
Database = ..\sicro.dbc
CursorSource = "pepv0061"
Name = "CURSOR2"
Left = 20
Top = 130
Width = 90
Height = 90
Alias = "par0040"

```

```

Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor3"
ScaleMode = 3
Height = 357
Width = 630
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0422"
Visible = .f.
HelpContextID = 30290
icon = ..\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TPEP0422"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Crítica de Preços dos
Estabelecimentos: 2"
Label1.Left = 6
Label1.Top = 8
Label1.Width = 488
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 620
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 669
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 6
Shape3.Top = 319
Shape3.Width = 619
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 6
Shape4.Top = 320
Shape4.Width = 619
Shape4.Name = "Shape4"
procedure Init
    parameters puf,pData
    sele par0010
    set Order to tag iuf
    SEEK puf

Thisform.grid1.Column4.Header1.Caption=E
MES(gomonth(pData,-3))

Thisform.grid1.Column5.Header1.Caption=E
MES(gomonth(pData,-2))

Thisform.grid1.Column6.Header1.Caption=E
MES(gomonth(pData,-1))

Thisform.grid1.Column7.Header1.Caption=E
MES(pData)
    Thisform.Text2.Value=pData

    sele critvar
    GO Top
ENDPROC
AutoSize = .T.

```

```

FontBold = .T.
FontSize = 10
Caption = "Uf:"
Left = 10
Top = 60
Visible = .T.
Width = 17
Name = "LBLUF1"
FontBold = .T.
FontSize = 10
Value = RS
ControlSource = "par0010.uf"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 36
Top = 54
Visible = .T.
Width = 39
Name = "UF1"
AutoSize = .T.
FontBold = .T.
FontSize = 10
Caption = "Denominação:"
Left = 86
Top = 60
Visible = .T.
Width = 92
Name = "LBLDENOMINACAO1"
FontBold = .T.
FontSize = 10
Value = Rio Grande do Sul
ControlSource = "par0010.denominacao"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 186
Top = 54
Visible = .T.
Width = 252
Name = "DENOMINACAO1"
ColumnCount = 8
DeleteMark = .f.
Height = 229
Left = 4
Panel = 1
ReadOnly = .T.
RecordSource = "critvar"
RecordSourceType = 1
Top = 83
Visible = .T.
Width = 621
Name = "grid1"
Column1.ControlSource = "critvar.local"
Column1.Width = 50
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Alignment = 2
Column2.ControlSource = "critvar.material"
Column2.Width = 82
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Alignment = 2
Column3.ControlSource = "critvar.und"
Column3.Width = 59
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Alignment = 3
Column4.ControlSource = "critvar.m_3"
Column4.Width = 86
Column4.ReadOnly = .T.

```

```

Column4.Visible = .T.
Column4.Name = "Column4"
Column5.ControlSource = "critvar.m_2"
Column5.ReadOnly = .T.
Column5.Visible = .T.
Column5.Name = "Column5"
Column6.ControlSource = "critvar.m_1"
Column6.ReadOnly = .T.
Column6.Visible = .T.
Column6.Name = "Column6"
Column7.ControlSource = "critvar.m"
Column7.ReadOnly = .T.
Column7.Visible = .T.
Column7.Name = "Column7"
Column8.Alignment = 1
Column8.ControlSource =
"iif(critvar.m_1<>0,((critvar.m/critvar.m_1)-
1)*100,0)"
Column8.ReadOnly = .T.
Column8.Visible = .T.
Column8.Name = "Column8"
Alignment = 2
Caption = "Local"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Material"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Und"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "M - 3"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = $0,0000
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "M - 2"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 0
ColorSource = 3
Name = "Text1"

```

```

Alignment = 2
Caption = "M - 1"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 0
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "M"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 0
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Variação"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
Margin = 0
ColorSource = 3
Name = "Text1"
Top = 10
Left = 582
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30290 IN Screen
ENDPROC
Alignment = 2
ControlSource = "par0040.critica"
Height = 24
Left = 454
ReadOnly = .T.
Top = 54
Width = 82
Name = "Text2"
Top = 324
Left = 540
Height = 29
Width = 72
Caption = "Fechar"
Name = "Cancela"
procedure Click
    Thisform.release
ENDPROC

```

1.97 FORMSPEP\TPEP0431.SCX

```

Left = 28
Top = 145
Width = 400
Height = 111
AutoOpenTables = .f.
AutoCloseTables = .f.
Name = "Dataenvironment"
Alias = "par0010"
BufferModeOverride = 5
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor1"
Left = 20
Top = 130
Width = 90

```

```

Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor3"
ScaleMode = 3
Height = 396
Width = 708
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0431"
Visible = .f.
HelpContextID = 30300
icon = ..\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TPEP0431"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Crítica Regional de
Preços: (1) Equipamentos"
Label1.Top = 8
Label1.Width = 543
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 10
Shape1.Top = 50
Shape1.Width = 680
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 10
Shape2.Top = 51
Shape2.Width = 680
Shape2.Name = "Shape2"
Shape3.Left = 10
Shape3.Top = 358
Shape3.Width = 680
Shape3.Name = "Shape3"
Shape4.Left = 10
Shape4.Top = 359
Shape4.Width = 680
Shape4.Name = "Shape4"
procedure Init
    parameters xuf
        sele par0010
        SEEK xuf

```

```

Thisform.grid1.Column2.Header1.Caption="
Preço "+xuf

```

```

Thisform.grid1.Column3.Header1.Caption="
Preço "+estado[1]

```

```

Thisform.grid1.Column4.Header1.Caption="
Preço "+estado[2]

```

```

Thisform.grid1.Column5.Header1.Caption="
Preço "+estado[3]

```

```

    Thisform.Text2.Value=tpep0410.dataproc
    sele tpep0411
    GO Top
ENDPROC
FontBold = .T.
FontSize = 10
Caption = "UF:"

```

```

Height = 13
Left = 10
Top = 67
Visible = .T.
Width = 39
Name = "LBLUF1"
FontBold = .T.
FontSize = 10
Value = RS
ControlSource = "nuf"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 49
Top = 60
Visible = .T.
Width = 45
Name = "UF1"
AutoSize = .T.
FontBold = .T.
FontSize = 10
Caption = "Processamento:"
Height = 18
Left = 434
Top = 66
Visible = .T.
Width = 101
Name = "LBLDENOMINACAO1"
FontBold = .T.
FontSize = 10
Value = Rio Grande do Sul
ControlSource = "denomina"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 107
Top = 60
Visible = .T.
Width = 279
Name = "DENOMINACAO1"
ColumnCount = 8
DeleteMark = .f.
Height = 259
Left = 8
ReadOnly = .T.
RecordSource = "tpep0411"
RecordSourceType = 1
Top = 96
Visible = .T.
Width = 698
Name = "grid1"
Column1.Alignment = 2
Column1.Bound = .f.
Column1.ControlSource = "equip"
Column1.Width = 85
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource = "uf0"
Column2.Width = 85
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource = "uf1"
Column3.Width = 85
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ControlSource = "uf2"
Column4.Width = 85
Column4.ReadOnly = .T.

```

```

Column4.Visible = .T.
Column4.Name = "Column4"
Column5.Bound = .f.
Column5.ControlSource = "uf3"
Column5.Width = 85
Column5.ReadOnly = .T.
Column5.Visible = .T.
Column5.Name = "Column5"
Column6.Bound = .f.
Column6.ControlSource = "ufrj"
Column6.Width = 85
Column6.ReadOnly = .f.
Column6.Visible = .T.
Column6.Name = "Column6"
Column7.Bound = .f.
Column7.ControlSource = "mvar"
Column7.Width = 75
Column7.ReadOnly = .T.
Column7.Visible = .T.
Column7.Name = "Column7"
Column8.Bound = .f.
Column8.ControlSource = "varrj"
Column8.ReadOnly = .T.
Column8.Visible = .T.
Column8.Name = "Column8"
Alignment = 2
Caption = "Equipamento"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "PreçoUF"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "U F 1"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "U F 2"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"

```

```

Alignment = 2
Caption = "R J"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Maior Var"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ForeColor = 0,0,0
Margin = 0
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Var RJ"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 11
Left = 652
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30300 IN Screen
ENDPROC
Alignment = 2
Height = 25
Left = 549
ReadOnly = .T.
Top = 60
Width = 75
Name = "Text2"
Top = 365
Left = 616
Height = 29
Width = 72
Caption = "Fechar"
Name = "Cancela"
procedure Click
    Thisform.release
ENDPROC
*****
1.98 FORMSPEP\TPEP0432.SCX
Left = 99
Top = 161
Width = 400
Height = 127
AutoOpenTables = .f.
AutoCloseTables = .f.
Name = "Dataenvironment"
Left = 20
Top = 130
Width = 90
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor3"

```

```

Left = 59
Top = 8
Width = 95
Height = 90
Alias = "par0010"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor1"
ScaleMode = 3
Height = 401
Width = 688
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0432"
Visible = .f.
HelpContextID = 30310
icon = ..\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TPEP0432"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Crítica Regional de
Preços: (2) Materiais"
Label1.Width = 481
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 11
Shape1.Top = 42
Shape1.Width = 667
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 11
Shape2.Top = 43
Shape2.Width = 667
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 11
Shape3.Top = 363
Shape3.Width = 667
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 11
Shape4.Top = 364
Shape4.Width = 667
Shape4.Name = "Shape4"
procedure Init
    parameters xuf
        sele par0010
        SEEK xuf
Thisform.grid1.Column2.Header1.Caption="
Preço "+xuf
Thisform.grid1.Column3.Header1.Caption="
Preço "+estado[1]
Thisform.grid1.Column4.Header1.Caption="
Preço "+estado[2]
Thisform.grid1.Column5.Header1.Caption="
Preço "+estado[3]
    Thisform.Text2.Value=tpep0410.dataproc
    sele tpep0411
    GO Top

```

```

ENDPROC
AutoSize = .T.
FontBold = .T.
FontSize = 10
Caption = "UF:"
Left = 10
Top = 60
Visible = .T.
Width = 21
Name = "LBLUF1"
FontBold = .T.
FontSize = 10
ControlSource = "nuf"
Enabled = .f.
Height = 24
Left = 39
ReadOnly = .T.
Top = 54
Visible = .T.
Width = 39
Name = "Uf1"
FontBold = .T.
FontSize = 10
ControlSource = "denomina"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXX"
Left = 88
ReadOnly = .T.
Top = 54
Visible = .T.
Width = 286
Name = "DENOMINACAO1"
Top = 8
Left = 645
Height = 26
Width = 148
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30310 IN Screen
ENDPROC
Alignment = 2
Height = 24
Left = 504
ReadOnly = .T.
Top = 54
Width = 82
Name = "Text2"
AutoSize = .T.
BackStyle = 0
Caption = "Processamento:"
Height = 18
Left = 394
Top = 60
Width = 101
Name = "Label2"
ColumnCount = 8
DeleteMark = .f.
Height = 269
Left = 5
Panel = 1
ReadOnly = .T.
RecordSource = "tpep0411"
RecordSourceType = 1
Top = 87
Visible = .T.
Width = 678
Name = "Grid1"
Column1.Alignment = 2
Column1.Bound = .f.
Column1.ControlSource = "material"

```

```

Column1.Width = 65
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource = "uf0"
Column2.Width = 85
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource = "uf1"
Column3.Width = 85
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ControlSource = "uf2"
Column4.Width = 85
Column4.ReadOnly = .T.
Column4.Visible = .T.
Column4.Name = "Column4"
Column5.Bound = .f.
Column5.ControlSource = "uf3"
Column5.Width = 85
Column5.ReadOnly = .T.
Column5.Visible = .T.
Column5.Name = "Column5"
Column6.Bound = .f.
Column6.ControlSource = "ufrj"
Column6.Width = 85
Column6.ReadOnly = .T.
Column6.Visible = .T.
Column6.Name = "Column6"
Column7.Bound = .f.
Column7.ControlSource = "mvar"
Column7.Width = 75
Column7.ReadOnly = .T.
Column7.Visible = .T.
Column7.Name = "Column7"
Column8.Bound = .f.
Column8.ControlSource = "varrj"
Column8.ReadOnly = .T.
Column8.Visible = .T.
Column8.Name = "Column8"
Alignment = 2
Caption = "Material"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "PreçoUF"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "U F 1"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"

```

```

Alignment = 2
Caption = "U F 2"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "U F n"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "R J"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Maior Var"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ForeColor = 0,0,0
Margin = 0
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Var RJ"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ForeColor = 0,0,0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Top = 368
Left = 584
Height = 29
Width = 72
Caption = "Fechar"
Name = "Cancela"
procedure Click
    Thisform.release
ENDPROC

```

1.99 FORMSPEP\TPEP0510.SCX

```

Left = 0
Top = 0
Width = 792
Height = 451
Name = "Dataenvironment"
Left = 300
Top = 10
Width = 90
Height = 90
Alias = "par0010"
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"

```



```

Name = "Cursor3"
Left = 136
Top = 11
Width = 95
Height = 90
Alias = "pep0010"
Database = ..\sicro.dbc
CursorSource = "pep0010"
Name = "Cursor1"
ParentAlias = "par0010"
RelationalExpr = "uf"
ChildAlias = "pep0010"
ChildOrder = "uf"
Name = "Relation1"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor2"
Left = 417
Top = 11
Width = 95
Height = 90
Alias = "pep0030"
Database = ..\sicro.dbc
CursorSource = "pep0030"
Name = "Cursor4"
Left = 549
Top = 7
Width = 95
Height = 90
Alias = "pep0040"
Order = "cod"
Database = ..\sicro.dbc
CursorSource = "pep0040"
Name = "Cursor5"
ParentAlias = "pep0040"
RelationalExpr =
(cod_uf+equipamento+STR(YEAR(pesquisa)
)+STR(month(pesquisa)))
ChildAlias = "pep0030"
ChildOrder = "uf_eq_pesq"
Name = "Relation2"
Left = 523
Top = 162
Width = 103
Height = 207
Alias = "eqp0040"
Order = "iequip"
Database = ..\sicro.dbc
CursorSource = "eqp0040"
Name = "Cursor6"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "pep0040"
ChildOrder = "eqp"
Name = "Relation3"
Left = 659
Top = 135
Width = 95
Height = 90
Alias = "par0020"
Database = ..\sicro.dbc
CursorSource = "par0020"
Name = "Cursor7"
Left = 300
Top = 130
Width = 95
Height = 90
Alias = "che0020"
Database = ..\sicro.dbc
CursorSource = "che0020"
Name = "Cursor8"

ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "che0020"
ChildOrder = "eqp"
Name = "Relation4"
Left = 389
Top = 273
Width = 95
Height = 90
Alias = "che0010"
Database = ..\sicro.dbc
CursorSource = "che0010"
Name = "Cursor9"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "che0010"
ChildOrder = "eqp"
Name = "Relation5"
Left = 126
Top = 135
Width = 95
Height = 90
Alias = "pep0070"
Database = ..\sicro.dbc
CursorSource = "pep0070"
Name = "Cursor10"
Left = 132
Top = 268
Width = 95
Height = 90
Alias = "pep0080"
Order = "ichave"
Database = ..\sicro.dbc
CursorSource = "pep0080"
Name = "Cursor11"
ParentAlias = "par0010"
RelationalExpr = "uf"
ChildAlias = "pep0080"
ChildOrder = "uf"
Name = "Relation6"
ParentAlias = "pep0070"
RelationalExpr = "cod_uf"
ChildAlias = "par0010"
ChildOrder = "iuf"
Name = "Relation7"
ParentAlias = "che0020"
RelationalExpr = "material"
ChildAlias = "pep0070"
ChildOrder = "mat"
Name = "Relation8"
Left = 659
Top = 7
Width = 95
Height = 90
Alias = "pep0020"
Database = ..\sicro.dbc
CursorSource = "pep0020"
Name = "Cursor12"
ParentAlias = "eqp0040"
RelationalExpr = "equipamento"
ChildAlias = "pep0020"
ChildOrder = "eqp"
Name = "Relation9"
Left = 9
Top = 131
Width = 95
Height = 90
Alias = "pep0060"
Database = ..\sicro.dbc
CursorSource = "pep0060"
Name = "Cursor13"
ParentAlias = "pep0070"
RelationalExpr =
(cod_uf+material+STR(YEAR(pesquisa))+S
TR(month(pesquisa)))
ChildAlias = "pep0060"

ChildOrder = "uf_mat_pes"
Name = "Relation10"
Left = 9
Top = 263
Width = 95
Height = 90
Alias = "pep0050"
Database = ..\sicro.dbc
CursorSource = "pep0050"
Name = "Cursor14"
Left = 660
Top = 272
Width = 90
Height = 90
Alias = "mao0020"
Database = ..\sicro.dbc
CursorSource = "mao0020"
Name = "Cursor15"
Left = 275
Top = 314
Width = 90
Height = 90
Alias = "mat0020"
Database = ..\sicro.dbc
CursorSource = "mat0020"
Name = "Cursor16"
Height = 329
Width = 540
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0510"
HelpContextID = 30320
icon = ..\dner02.ico
WindowType = 0
LockScreen = .f.
Name = "tpep0510"
procedure selec_min
LPARAMETERS um_eqp

SELECT equipamento AS
equipament,pesquisa AS pesquisa,
min(aquisicao) AS valmin ;
FROM pep0030 ;
WHERE pep0030.equipamento=um_eqp
;
and pep0030.aquisicao > 0 ;
and pep0030.pesquisa=datap ;
and pep0030.cod_uf=esta_uf ;
GROUP BY equipamento ;
Order BY equipamento ;
INTO CURSOR minimos

IF _tally = 0
RETURN -2
ELSE
RETURN minimos.valmin
ENDIF

ENDPROC
procedure calc_pep0040
LPARAMETERS preco
eqp=escopo_eqp.equipamento

sele pep0040
SEEK esta_uf + eqp +
STR(YEAR(datap),4) +
STR(month(datap),2)

IF !FOUND()

INSERT INTO pep0040 (cod_uf,
equipamento, pesquisa, aquisicao,
depreciacao, remunera, ;

```

```

        manutencao, opera_mat, opera_mo,
hora_opera, hora_parado) ;
        VALUES (esta_uf, eqp, datap,
NTOM(preco), $0.00, $0.00, $0.00, $0.00,
$0.00, $0.00, $0.00)
        ELSE

        UPDATE pep0040 set ;
        pep0040.aquisicao=NTOM(preco), ;
        pep0040.depreciacao = $0.0, ;
        pep0040.remunera = $0.0, ;
        pep0040.manutencao = $0.0 ;
        WHERE cod_uf=esta_uf ;
        and equipamento=eqp and
pesquisa=datap
        ENDIF

ENDPROC
procedure preco_ant
        LPARAMETERS eqp

        sele pep0040

        GO Top
        LOCATE FOR equipamento=eqp and
cod_uf=esta_uf and ;
        ((pesquisa-day(pesquisa)+1) =
gomonth((datap-day(datap)+1),-1))
        IF FOUND()
                RETURN aquisicao
        ELSE
                RETURN -3
        ENDIF
ENDPROC
procedure selec_min_mat
        LPARAMETERS um_mat

        SELECT material,pesquisa ,
min(mat_pesq) AS valmin ;
        FROM pep0060 ;
        WHERE pep0060.material=um_mat ;
        and pep0060.mat_pesq > 0 ;
        and pep0060.pesquisa=datap ;
        and pep0060.cod_uf=esta_uf ;
        GROUP BY cod_uf,material ;
        Order BY material ;
        INTO CURSOR min_mat

        IF _tally = 0
                RETURN -2
        ELSE
                RETURN min_mat.valmin
        ENDIF
ENDPROC
procedure preco_ant_mat
        LPARAMETERS mat

        sele MAT0020
        SEEK mat

        sele pep0070
        GO Top

        LOCATE FOR material=mat and
cod_uf=esta_uf ;
        and ((pesquisa-day(pesquisa)+1) =
gomonth((datap-day(datap)+1),-1))

        IF FOUND()
                RETURN valor_mat * MAT0020.fator
        ELSE
                RETURN -3
        ENDIF
ENDPROC

```

```

procedure calc_pep0070
        LPARAMETERS preco
        mat=escopo_mat.material

        private precow
        sele MAT0020
        SEEK mat
        IF FOUND()
                precow = preco / MAT0020.fator
        ENDIF

        sele pep0070
        SEEK esta_uf + mat +
STR(YEAR(datap),4) +
STR(month(datap),2)

        IF ! FOUND()

                INSERT INTO pep0070
(cod_uf,material,pesquisa,valor_mat);
                VALUES (esta_uf,mat,datap,precow)

        ELSE

                UPDATE pep0070 set
valor_mat=precow;
                WHERE cod_uf=esta_uf and
material=mat and pesquisa=datap

        ENDIF
ENDPROC
procedure Init
        PUBLIC
d,j,M,omao,omat,hp,ho,i,vdat_crit, vSalario,
datap, xuf, vCodr, xregiao, ;
        vAutom, pVal, pResp, pInf, pSup, pCod
store 0 to d,j,M,omao,omat,hp,ho, vSalario
store $0.00 to pVal, pResp, pInf, pSup,
Preco_ant_eqp, Min_Eqp, pCod

        vCodr = .f.
        vAutom = .f.

        sele MAT0020
        set Order to tag imaterial
        GO Top

        sele par0020
        LOCATE FOR sequencia=0
        i =taxa_juros

        sele par0040
        * vdat_crit=critica
        * vdat_crit=Thisform.dataproc

        sele pep0070
        set Order to tag ichave
        GO Top

        sele pep0040
        set Order to tag cod
        GO Top

        sele pep0080
        set Order to tag ichave
        GO Top

        Thisform.inf.Value= -8
        Thisform.sup.Value= 4
        Thisform.OPquest.Click

ENDPROC
FontName = "Arial"
FontSize = 20
BackColor = 250,254,197

```

```

BackStyle = 0
BorderStyle = 0
Caption = "Sistema de Pesquisa de Preços"
Height = 37
Left = 12
Top = 31
Width = 415
Name = "Label1"
Top = 279
Left = 51
Height = 29
Width = 121
Caption = "Automático"
Enabled = .f.
StatusBarText = "Imputação automática de
preços mínimos com resolução automática
das excepcionalidades"
ToolTipText = "Imputação automática dos
preços unitários"
Name = "autom"
procedure Click
        datap = ctod(Thisform.combo_data.Value)
        xuf = Thisform.Combo_uf.Value
        vCodr = .f.

do CASE

*****
* EQUIPAMENTOS
*****
***

CASE Thisform.OPquest.Value=1

        IF Thisform.opcao_reg.Value = 2    &&
recalcula preco regional = preco uf
        set exclusive on
        set deleted off
        sele pep0040
        use
        use pep0040 exclusive
        DELETE FROM pep0040 ;
                WHERE pep0040.cod_uf = xregiao ;
                and pep0040.pesquisa = datap
        pack
        reindex
        set exclusive off
        use pep0040 shared
        ENDIF

        sele pep0040
        set Order to tag cod
        set FILTER to    && desfaz o filtro das
telas de exibição dos resultados
        GO Top

        SELECT DISTINCT xuf,
Eqp0040.equipamento ;
        FROM Eqp0040 ;
        WHERE Eqp0040.montagem = .f. ;
        and
AT(Left(alltrim(equipamento),1),"LP")=0 ;
        INTO CURSOR escopo_eqp ;
        Order BY equipamento
        sele escopo_eqp

        scan
        Preco_ant_eqp=
Thisform.preco_ant(escopo_eqp.equipament
o)

        Min_Eqp=
Thisform.selec_min(escopo_eqp.equipament
o)

```

```

*** Existe o preco minimo e existe
preco anterior
IF Min_Eqp >= 0 and Preco_ant_eqp >=
0
    pInf =
    Preco_ant_eqp*(1+(Thisform.inf.Value/100))
    pSup =
    Preco_ant_eqp*(1+(Thisform.sup.Value/100)
)
    pCod = escopo_eqp.equipamento
    IF pInf <= Min_Eqp and pSup >=
Min_Eqp ;
Thisform.calc_pep0040(Min_Eqp)
ELSE
    pVal = Min_Eqp
    pResp = pVal
    IF vAutom = .T.
do form MSGPEP with xuf,
pCod, pInf, pSup, pVal, pResp
    Thisform.calc_pep0040(pResp)
&& valor fora da faixa de aceitação
ELSE
    IF pVal < pInf
    Thisform.calc_pep0040(pInf)
&& valor fora da faixa de aceitação
ELSE
    Thisform.calc_pep0040(pSup)
&& valor fora da faixa de aceitação
ENDIF
ENDIF
ENDIF
ELSE
*** Não existe o preco minimo (-
2) e não existe preco anterior (-3)
IF Min_Eqp = -2 and Preco_ant_eqp
= -3
    pInf = 0
    pSup = 0
    pCod = escopo_eqp.equipamento
    pVal = Min_Eqp
    pResp = pVal
    IF vAutom = .T.
do form MSGPEP with xuf,
pCod, pInf, pSup, pVal, pResp
    Thisform.calc_pep0040(pResp)
&& valor fora da faixa de aceitação
ELSE
    Thisform.calc_pep0040(0) &&
atribui valor zero
ENDIF
ELSE
*** Não existe o preco minimo
(-2) e existe preco anterior
IF Min_Eqp = -2 and
Preco_ant_eqp >= 0
    pInf =
    Preco_ant_eqp*(1+(Thisform.inf.Value/100))
    pSup =
    Preco_ant_eqp*(1+(Thisform.sup.Value/100)
)
    pCod = escopo_eqp.equipamento
    pVal = Min_Eqp
    pResp = pVal
    IF vAutom = .T.
do form MSGPEP with xuf,
pCod, pInf, pSup, pVal, pResp
Thisform.calc_pep0040(pResp) && nao
tem preco minimo
ELSE
Thisform.calc_pep0040(Preco_ant_eqp) &&
imputa preco anterior
ENDIF
ELSE
*** Existe o preco minimo e
não existe preco anterior (-3)
IF Min_Eqp >= 0 and
Preco_ant_eqp = -3
    pInf = -3
    pSup = -3
    pCod =
escopo_eqp.equipamento
    pVal = Min_Eqp
    pResp = pVal
    IF vAutom = .T.
do form MSGPEP with xuf,
pCod, pInf, pSup, pVal, pResp
Thisform.calc_pep0040(pResp) && nao
tem preco anterior
ELSE
Thisform.calc_pep0040(Min_Eqp) &&
imputa preco minimo
ENDIF
ENDIF
***
ENDIF && min = -2 & ant > 0
ENDIF min = -2 & ant = -3
ENDIF && min > 0 & ant > 0
endscan
* **** Gera / atualiza preço na UF para
eqpt. Leve (L) e Pesado (P)
set exclusive on
set deleted off
sele pep0040
use
use pep0040 exclusive
set Order to tag cod
DELETE FROM pep0040 ;
WHERE pep0040.cod_uf = xuf ;
and pep0040.pesquisa = datap;
and
AT(Left(alltrim(equipamento),1),"LP")<>0
pack
reindex
use
set exclusive off
use pep0040 shared
set Order to tag cod
SELECT DISTINCT;
pep0040.equipamento AS equip,
pep0040.aquisicao AS aquisicao ;
FROM pep0040 ;
WHERE pep0040.pesquisa = datap ;
and Left(alltrim(equipamento),1)="M" ;
and pep0040.cod_uf = xuf ;
Order BY 1 ;
INTO CURSOR pepatu
scan
leve="L"+RIGHT(pepatu.equip,3)
sele Eqp0040
SEEK leve
IF FOUND()
INSERT INTO pep0040
(cod_uf,equipamento,pesquisa,aquisicao,depr
eciacao,remunera,;
manutencao,opera_mat,opera_mo,hora_oper
a,hora_parado);
VALUES
(xuf,leve,datap,pepatu.aquisicao, $0.0, $0.0,
$0.0, $0.0, $0.0, $0.0, $0.0)
ENDIF
pesado="P"+RIGHT(pepatu.equip,3)
sele Eqp0040
SEEK pesado
IF FOUND()
INSERT INTO pep0040
(cod_uf,equipamento,pesquisa,aquisicao,depr
eciacao,remunera,;
manutencao,opera_mat,opera_mo,hora_oper
a,hora_parado);
VALUES
(xuf,pesado,datap,pepatu.aquisicao, $0.0,
$0.0, $0.0, $0.0, $0.0, $0.0, $0.0)
ENDIF
endscan
* **** Calculo do valor regional ****
IF Thisform.opcao_reg.Value = 2 &&
imputacao dos precos da uf
SELECT DISTINCT;
pep0040.equipamento AS
equipment, pep0040.aquisicao AS aquisicao
;
FROM pep0040 ;
WHERE pep0040.pesquisa = datap ;
and pep0040.aquisicao > 0 ;
and pep0040.cod_uf = xuf ;
Order BY 1 ;
INTO CURSOR pepatu
ELSE
SELECT DISTINCT;
pep0040.equipamento AS
equipment, min(pep0040.aquisicao) AS
aquisicao ;
FROM pep0040 ;
WHERE pep0040.pesquisa = datap ;
and pep0040.aquisicao > 0 ;
and pep0040.cod_uf IN ;
(SELECT par0010.uf FROM par0010
WHERE par0010.zreg = xregiao) ;
Order BY 1 ;
GROUP BY 1 ;
INTO CURSOR pepatu
ENDIF
LOCATE ALL
do while FOUND() <> .f.
sele pep0040
SEEK xregiao + pepatu.equipament +
STR(YEAR(datap),4) +
STR(month(datap),2)
IF !FOUND()
INSERT INTO pep0040 ;

```

```

(cod_uf, equipamento, pesquisa,
aquisicao, depreciacao, remunera, ;
manutencao, opera_mat, opera_mo,
hora_opera, hora_parado);
VALUES ;
(xregiao, ;
pepatu.equipment, ;
datap, ;
pepatu.aquisicao, ;
$0.0, $0.0, $0.0, $0.0, $0.0, $0.0,
$0.0)
ELSE
UPDATE pep0040 ;
set ;
pep0040.aquisicao =
pepatu.aquisicao, ;
pep0040.depreciacao = $0.0, ;
pep0040.remunera = $0.0, ;
pep0040.manutencao = $0.0 ;
WHERE pep0040.cod_uf = xregiao ;
and pep0040.equipamento =
pepatu.equipment ;
and pep0040.pesquisa = datap
ENDIF

sele pepatu
CONTINUE
enddo

do form tpep0531 with xuf, datap

sele escopo_eqp
use

*****
MATERIAIS
*****

CASE Thisform.OPquest.Value=2

IF Thisform.opcao_reg.Value = 2 &&
recalcula preco regional = preco uf
set exclusive on
set deleted off
sele pep0070
use
use pep0070 exclusive
DELETE FROM pep0070 ;
WHERE pep0070.cod_uf = xregiao ;
and pep0070.pesquisa = datap
pack
reindex
set exclusive off
use pep0070 shared
ENDIF

set exclusive on
set deleted off
sele pep0070
use
use pep0070 exclusive
pack
reindex
set exclusive off
use pep0070 shared

sele pep0070
set Order to tag ichave
set FILTER to && desfaz o filtro das
telas de exibição dos resultados
GO Top

SELECT DISTINCT xuf,
MAT0020.material ;
FROM MAT0020 ;

```

```

INTO CURSOR escopo_mat ;
Order BY 2
sele escopo_mat

scan
preco_ant_mat=
Thisform.preco_ant_mat(escopo_mat.materia
l)
min_mat=
Thisform.selec_min_mat(escopo_mat.materia
l)

*** Existe o preco minimo e existe
preco anterior

IF min_mat >= 0 and preco_ant_mat >=
0

pInf =
preco_ant_mat*(1+(Thisform.inf.Value/100))
pSup =
preco_ant_mat*(1+(Thisform.sup.Value/100)
)

pCod = escopo_mat.material
IF pInf <= min_mat and pSup >=
min_mat ;

Thisform.calc_pep0070(min_mat)
ELSE
pVal = min_mat
pResp = pVal
IF vAutom = .T.
do form MSGPEP with xuf,
pCod, pInf, pSup, pVal, pResp
Thisform.calc_pep0070(pResp)
&& valor fora da faixa de aceitação
ELSE
IF pVal < pInf
Thisform.calc_pep0070(pInf)
&& valor fora da faixa de aceitação
ELSE
Thisform.calc_pep0070(pSup)
&& valor fora da faixa de aceitação
ENDIF
ENDIF
ENDIF

ELSE

*** Não existe o preco minimo (-
2) e não existe preco anterior (-3)
and

IF min_mat = -2 preco_ant_mat = -3

pInf = 0
pSup = 0
pCod = escopo_mat.material
pVal = min_mat
pResp = pVal
IF vAutom = .T.
do form MSGPEP with xuf,
pCod, pInf, pSup, pVal, pResp
Thisform.calc_pep0070(pResp)
&& valor fora da faixa de aceitação
ELSE
Thisform.calc_pep0070(0) &&
atribui valor zero
ENDIF

ELSE

*** Não existe o preco minimo
(-2) e existe preco anterior

IF min_mat = -2 and
preco_ant_mat >= 0

```

```

pInf =
preco_ant_mat*(1+(Thisform.inf.Value/100))
pSup =
preco_ant_mat*(1+(Thisform.sup.Value/100)
)

pCod = escopo_mat.material
pVal = min_mat
pResp = pVal
IF vAutom = .T.
do form MSGPEP with xuf,
pCod, pInf, pSup, pVal, pResp

Thisform.calc_pep0070(pResp) && nao
tem preco minimo
ELSE

Thisform.calc_pep0070(preco_ant_mat) &&
imputa preco anterior
ENDIF
ELSE

*** Existe o preco minimo e
não existe preco anterior (-3)

IF min_mat >= 0 and
preco_ant_mat = -3
pInf = -3
pSup = -3
pCod = escopo_mat.material
pVal = min_mat
pResp = pVal
IF vAutom = .T.
do form MSGPEP with xuf,
pCod, pInf, pSup, pVal, pResp

Thisform.calc_pep0070(pResp) && nao
tem preco anterior
ELSE

Thisform.calc_pep0070(min_mat) &&
imputa preco minimo
ENDIF
ENDIF

***
ENDIF && min = -2 & ant > 0
ENDIF min = -2 & ant = -3
ENDIF && min > 0 & ant > 0
endscan

* **** Calculo do valor regional ****

IF Thisform.opcao_reg.Value = 2 &&
imputacao dos precos da uf

SELECT DISTINCT ;
pep0070.material AS material,
pep0070.valor_mat AS valor_mat ;
FROM pep0070 ;
WHERE pep0070.pesquisa = datap ;
and pep0070.valor_mat > 0 ;
and pep0070.cod_uf = xuf ;
Order BY 1 ;
INTO CURSOR pepatu

ELSE

SELECT DISTINCT ;
pep0070.material AS material,
min(pep0070.valor_mat) AS valor_mat ;
FROM pep0070 ;
WHERE pep0070.pesquisa = datap ;
and pep0070.valor_mat > 0 ;

```

```

        and pep0070.cod_uf IN ;
        (SELECT par0010.uf FROM par0010
WHERE par0010.zreg = xregiao) ;
        Order BY 1 ;
        GROUP BY 1 ;
        INTO CURSOR pepatu

ENDIF && imputacao dos precos da uf

LOCATE ALL
do while FOUND() <> .f.

    sele pep0070
    SEEK xregiao + pepatu.material +
STR(YEAR(datap),4) +
STR(month(datap),2)

    IF !FOUND()
        INSERT INTO pep0070 ;
        (cod_uf, material, pesquisa,
valor_mat) ;
        VALUES ;
        (xregiao, ;
        pepatu.material, ;
        datap, ;
        pepatu.valor_mat)
    ELSE
        UPDATE pep0070 ;
        set ;
        pep0070.valor_mat=
pepatu.valor_mat ;
        WHERE pep0070.cod_uf = xregiao ;
        and pep0070.material =
pepatu.material ;
        and pep0070.pesquisa = datap
    ENDIF

    sele pepatu
    CONTINUE

enddo

do form tpep0532 with xuf, datap

sele escopo_mat
use

* ***** calcula o
valor da mão-de-obra
*****

CASE Thisform.OPquest.Value=3

    vSalario = 0

    do form tpep0533 with xuf, datap,
vSalario, vCodr && pede o valor do salario
mínimo
    IF vCodr = .T.
        set exclusive on
        set deleted off
        sele pep0080
        use
        use pep0080 exclusive

        DELETE FROM pep0080 ;
        WHERE pep0080.cod_uf = xuf ;
        and pep0080.pesquisa = datap

    IF Thisform.opcao_reg.Value = 2
        DELETE FROM pep0080 ;
        WHERE pep0080.cod_uf = xregiao
;
        and pep0080.pesquisa = datap
    ENDIF

        pack
        reindex

        sele mao0020
        set Order to ichave
        set FILTER to mao0020.uf = xuf
        GO Top

        LOCATE FOR mao0020.uf = xuf
        do while FOUND() <> .f.

        INSERT INTO pep0080 ;
        (cod_uf, mao_d_obra, pesquisa,
valor_mo, encargos, hora_mo) ;
        VALUES ;
        (xuf, ;
        mao0020.mao_d_obra, ;
        datap, ;
        mao0020.padrao * vSalario, ;
        mao0020.padrao * vSalario *
mao0020.taxa_enc/100, ;
        mao0020.padrao * vSalario * ( 1 +
mao0020.taxa_enc/100) / 220)

        CONTINUE
        enddo

        * ***** Calculo do valor regional *****

        sele pep0080
        set Order to tag ichave

        IF Thisform.opcao_reg.Value = 2 &&
imputacao dos precos da uf

            SELECT DISTINCT;
            pep0080.mao_d_obra AS
            mao_d_obra, pep0080.valor_mo AS
            valor_mo, ;
            pep0080.encargos AS encargos,
            pep0080.hora_mo AS hora_mo ;
            FROM pep0080 ;
            WHERE pep0080.pesquisa = datap ;
            and pep0080.valor_mo > 0 ;
            and pep0080.cod_uf = xuf ;
            Order BY 1 ;
            INTO CURSOR pepatu

        ELSE

            SELECT DISTINCT;
            pep0080.mao_d_obra AS
            mao_d_obra, min(pep0080.valor_mo) AS
            valor_mo, ;
            min(pep0080.encargos) AS encargos,
            min(pep0080.hora_mo) AS hora_mo ;
            FROM pep0080 ;
            WHERE pep0080.pesquisa = datap ;
            and pep0080.valor_mo > 0 ;
            and pep0080.cod_uf IN ;
            (SELECT par0010.uf FROM par0010
WHERE par0010.zreg = xregiao) ;
            Order BY 1 ;
            GROUP BY 1 ;
            INTO CURSOR pepatu

        ENDIF && imputacao dos
        precos da uf

        LOCATE ALL
        do while FOUND() <> .f.

        sele pep0080

        SEEK xregiao + pepatu.mao_d_obra+
STR(YEAR(datap),4) +
STR(month(datap),2)

        IF !FOUND()
            INSERT INTO pep0080 ;
            (cod_uf, mao_d_obra, pesquisa,
            valor_mo, encargos, hora_mo) ;
            VALUES ;
            (xregiao, ;
            pepatu.mao_d_obra, ;
            datap, ;
            pepatu.valor_mo, ;
            pepatu.encargos, ;
            pepatu.hora_mo)
        ELSE
            UPDATE pep0080 ;
            set ;
            pep0080.valor_mo =
            pepatu.valor_mo, ;
            pep0080.encargos = pepatu.encargos,
;
            pep0080.hora_mo = pepatu.hora_mo ;
            WHERE pep0080.cod_uf = xregiao ;
            and pep0080.mao_d_obra =
            pepatu.mao_d_obra ;
            and pep0080.pesquisa = datap
        ENDIF

        sele pepatu
        CONTINUE
        enddo

    ENDIF && fecha codigo de retorno

do form TPEP0163 with xuf, datap

*****
*****

ENDCASE
vAutom = .f.
Thisform.opcao_reg.Value = 1
ENDPROC
Top = 21
Left = 497
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
ToolTipText = "Auxílio"
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30320 IN Screen
ENDPROC
FontSize = 10
BackStyle = 0
Caption = "DNER - Gerência de Custos
Rodoviários"
Height = 18
Left = 12
Top = 11
Width = 301
Name = "Label2"
BorderColor = 255,255,255
Height = 1
Left = 16
Top = 93
Width = 511
Name = "Shape1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 16
Top = 94

```

Width = 511
 Name = "Shape2"
 BackStyle = 0
 Caption = "Unidade da Federação:"
 Height = 18
 Left = 18
 Top = 103
 Width = 157
 Name = "Label4"
 FontName = "Arial"
 FontSize = 16
 BackColor = 250,254,197
 BackStyle = 0
 BorderStyle = 0
 Caption = "Definição de Preços Unitários"
 Height = 26
 Left = 12
 Top = 64
 Width = 409
 Name = "Label8"
 BorderColor = 255,255,255
 Height = 1
 Left = 16
 Top = 156
 Width = 511
 Name = "Shape9"
 BackColor = 128,128,128
 BorderColor = 128,128,128
 Height = 1
 Left = 16
 Top = 157
 Width = 511
 Name = "Shape10"
 BackStyle = 0
 Caption = "Data do Processamento:"
 Height = 18
 Left = 347
 Top = 103
 Width = 157
 Name = "Label5"
 BackStyle = 0
 Caption = "Questionários:"
 Height = 18
 Left = 11
 Top = 177
 Width = 115
 Name = "Label6"
 Height = 24
 Increment = 0.10
 Left = 264
 Top = 207
 Width = 62
 Value = 4.00
 Name = "sup"
 BackStyle = 0
 Caption = "Limites para Aceitação"
 Height = 18
 Left = 172
 Top = 173
 Width = 145
 Name = "Label3"
 BackStyle = 0
 Caption = "Superior: "
 Height = 18
 Left = 189
 Top = 210
 Width = 73
 Name = "Label7"
 Height = 24
 Increment = 0.10
 Left = 264
 Top = 237
 Width = 62
 Value = -8.00
 Name = "Inf"
 BackStyle = 0

Caption = "Inferior:"
 Height = 18
 Left = 189
 Top = 240
 Width = 73
 Name = "Label9"
 AutoSize = .T.
 BackStyle = 0
 Caption = "Automática"
 Height = 18
 Left = 189
 Top = 188
 Width = 72
 Name = "Label10"
 ColumnCount = 2
 ColumnWidths = "30,175"
 RowSourceType = 3
 RowSource = "select par0010.uf,
 par0010.denominacao from par0010 order by
 1 where SUBSTR(par0010.uf,1,1) != 'Z' into
 cursor datauf"
 Value = RJ
 ControlSource = "esta_UF"
 FirstElement = 1
 Height = 24
 Left = 60
 NumberOfElements = 0
 Top = 127
 Width = 229
 Name = "Combo_UF"
 procedure Init
 xuf = Thisform.Combo_uf.Value
 sele par0010
 set Order to tag iuf
 SEEK xuf Order iuf
 xregiao = par0010.zreg
 esta_uf=xuf
 ENDPROC
 procedure Click
 Thisform.autom.Enabled=.T.
 Thisform.CmdMan.Enabled=.T.
 xuf = Thisform.Combo_uf.Value
 sele par0010
 set FILTER to
 set Order to tag iuf
 SEEK xuf
 xregiao = par0010.zreg
 esta_uf=xuf

 ENDPROC
 AutoSize = .T.
 ButtonCount = 3
 BackStyle = 0
 BorderStyle = 0
 Value = 1
 Height = 68
 Left = 30
 Top = 192
 Width = 119
 Name = "opquest"
 Option1.BackStyle = 0
 Option1.Caption = "Equipamentos"
 Option1.Value = 1
 Option1.Height = 18
 Option1.Left = 5
 Option1.Style = 0
 Option1.Top = 5
 Option1.Width = 109
 Option1.AutoSize = .f.
 Option1.Name = "Option1"
 Option2.BackStyle = 0
 Option2.Caption = "Materiais"
 Option2.Value = 0
 Option2.Height = 18
 Option2.Left = 5

Option2.Style = 0
 Option2.Top = 25
 Option2.Width = 109
 Option2.AutoSize = .f.
 Option2.Name = "Option2"
 Option3.BackStyle = 0
 Option3.Caption = "Mão-de-Obra"
 Option3.Value = 0
 Option3.Height = 18
 Option3.Left = 5
 Option3.Style = 0
 Option3.Top = 45
 Option3.Width = 109
 Option3.AutoSize = .f.
 Option3.Name = "Option3"
 procedure Click
 do CASE

 CASE Thisform.OPquest.Value=1

 Thisform.combo_data.RowSource = 'select
 distinct pesquisa from PEP0030 ' +
 'order by 1 DESC into cursor datapesq'
 Thisform.combo_data.DisplayValue = 1

 CASE Thisform.OPquest.Value=2

 Thisform.combo_data.RowSource = 'select
 distinct pesquisa from PEP0060 ' +
 'order by 1 DESC into cursor datapesq'
 Thisform.combo_data.DisplayValue = 1

 CASE Thisform.OPquest.Value=3

 sele par0040
 GO Top
 Thisform.combo_data.RowSource = 'select
 distinct pesquisa from PEP0030 ' +
 'order by 1 DESC into cursor datapesq
 ';
 'union select par0040.critica from
 par0040 '
 Thisform.combo_data.DisplayValue = 1

 ENDCASE

 Thisform.combo_data.Refresh
 ENDPROC
 Top = 279
 Left = 363
 Height = 29
 Width = 121
 Caption = "Fechar"
 StatusBarText = "Encerra a função e destrói a
 tela"
 ToolTipText = "Encerrar a função"
 Name = "Cancela"
 procedure Click
 SELECT "0" AS k FROM par0010 INTO
 CURSOR pepatu
 sele pepatu
 use

 SELECT "0" AS k FROM par0010 INTO
 CURSOR minimos
 sele minimos
 use

 sele datapesq
 use
 sele datauf
 use
 close tables
 Thisform.release
 ENDPROC
 Alignment = 0

```

RowSourceType = 3
RowSource = "select distinct pesquisa from
PEP0040 order by 1 DESC into cursor
datapesq union select distinct pesquisa from
PEP0070 union select distinct pesquisa from
PEP0080"
DisplayValue = 1
Value = (datapesq)
ControlSource = " "
Height = 24
Left = 386
Sorted = .f.
Top = 127
Visible = .T.
Width = 91
Name = "Combo_Data"
procedure Refresh
    Thisform.dataproc =
ctod(Thisform.combo_data.Value)
    datap = ctod(Thisform.combo_data.Value)

ENDPROC
procedure Click
    Thisform.dataproc =
ctod(Thisform.combo_data.Value)
    datap = ctod(Thisform.combo_data.Value)

ENDPROC
procedure Init
    Thisform.dataproc =
ctod(Thisform.combo_data.Value)
    datap = ctod(Thisform.combo_data.Value)
ENDPROC
procedure Valid
    Thisform.dataproc =
ctod(Thisform.combo_data.Value)
    datap = ctod(Thisform.combo_data.Value)
ENDPROC
AutoSize = .f.
BackStyle = 0
Caption = "Preços Regionais:"
Height = 18
Left = 359
Top = 177
Width = 114
Name = "Label11"
AutoSize = .T.
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 48
Left = 366
Top = 204
Width = 178
Name = "opcao_reg"
Option1.BackStyle = 0
Option1.Caption = "Seleciona menor preço"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 168
Option1.AutoSize = .T.
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Imputa preços da UF"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 25
Option2.Width = 150
Option2.AutoSize = .T.
Option2.Name = "Option2"
Top = 279
Left = 207

Height = 29
Width = 121
Caption = "Manual"
Enabled = .f.
StatusBarText = "Imputação automática de
preços dentro dos limites fixados e manual
das excepcionalidades"
ToolTipText = "Correção manual de
excepcionalidades"
Name = "CmdMan"
procedure Click
    vAutom = .T.
    Thisform.autom.Click
ENDPROC

*****

I.100 FORMSPEP\TPEP0531.SCX

Left = 134
Top = 84
Width = 464
Height = 327
InitialSelectedAlias = "par0010"
Name = "Dataenvironment"
Alias = "par0010"
BufferModeOverride = 5
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor1"
Left = 260
Top = 6
Width = 95
Height = 90
Alias = "pep0040"
Order = "eqp"
Database = ..\sicro.dbc
CursorSource = "pep0040"
Name = "Cursor4"
Left = 129
Top = 3
Width = 90
Height = 90
Alias = "pepv0032"
Database = ..\sicro.dbc
CursorSource = "pepv0032"
Name = "Cursor3"
ParentAlias = "pepv0032"
RelationalExpr = "equipamento"
ChildAlias = "pep0040"
ChildOrder = "eqp"
Name = "Relation2"
ScaleMode = 3
Height = 366
Width = 700
DoCreate = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0531"
Visible = .f.
HelpContextID = 30330
icon = ..\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TPEP0531"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"

Label1.Caption = "Definição de Preços
Unitários: (1) Equipamentos"
Label1.Top = 8
Label1.Width = 579
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 10
Shape1.Top = 50
Shape1.Width = 680
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 10
Shape2.Top = 51
Shape2.Width = 680
Shape2.Name = "Shape2"
Shape3.Left = 10
Shape3.Top = 329
Shape3.Width = 680
Shape3.Name = "Shape3"
Shape4.Left = 10
Shape4.Top = 330
Shape4.Width = 680
Shape4.Name = "Shape4"
procedure Refresh

    sele par0010
    cduf=par0010.uf

    sele pep0040
    set FILTER to cod_uf=cduf and
pesquisa=datap
GO Top

    sele pepv0032
    set FILTER to cod_uf=cduf and
pesquisa=datap
GO Top

ENDPROC
procedure Init
    parameters xuf, datap

    IF !empty(xuf)
        cduf=xuf
    ELSE
        cduf=""
    ENDIF

    sele pepv0032
    set FILTER to cod_uf=cduf and
pesquisa=datap
GO Top

    sele par0010
    set Order to tag iuf
    set FILTER to uf = cduf
GO Top
SEEK cduf

    cduf = par0010.uf
    Thisform.UF1.Value=par0010.uf

Thisform.DENOMINACAO1.Value=par001
0.denominacao

    Thisform.Refresh

ENDPROC
FontBold = .T.
FontSize = 10
Caption = "UF:"
Height = 13
Left = 10

```

```

Top = 67
Visible = .T.
Width = 39
Name = "LBLUF1"
FontBold = .T.
FontSize = 10
ControlSource = "par0010.uf"
Enabled = .f.
Height = 24
Left = 49
ReadOnly = .T.
Top = 60
Visible = .T.
Width = 45
Name = "UF1"
AutoSize = .T.
FontBold = .T.
FontSize = 10
Caption = "Processamento:"
Height = 18
Left = 434
Top = 66
Visible = .T.
Width = 101
Name = "LBLDENOMINACAO1"
FontBold = .T.
FontSize = 10
ControlSource = "par0010.denominacao"
Enabled = .f.
Height = 24
Left = 107
ReadOnly = .T.
Top = 60
Visible = .T.
Width = 279
Name = "DENOMINACAO1"
Top = 9
Left = 652
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30330 IN Screen
ENDPROC
Alignment = 2
ControlSource = "datap"
Enabled = .f.
Height = 25
Left = 549
ReadOnly = .T.
Top = 60
Width = 75
Name = "Text2"
ColumnCount = 6
DeleteMark = .f.
Height = 228
Left = 1
Panel = 1
ReadOnly = .f.
RecordMark = .f.
RecordSource = "pepv0032"
RecordSourceType = 1
ScrollBars = 2
Top = 102
Visible = .T.
Width = 699
Name = "Grid12"
Column1.Alignment = 2
Column1.ControlSource =
"pepv0032.equipamento"
Column1.Width = 50
Column1.ReadOnly = .f.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.ControlSource =
"pepv0032.fabricante"
Column2.Width = 180
Column2.ReadOnly = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"pepv0032.modelo"
Column3.Width = 193
Column3.ReadOnly = .f.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ControlSource = "pepv0032.local"
Column4.Width = 60
Column4.ReadOnly = .f.
Column4.Visible = .T.
Column4.Name = "Column4"
Column5.Bound = .f.
Column5.ControlSource =
"pepv0032.aquisicao"
Column5.Width = 95
Column5.ReadOnly = .f.
Column5.Sparse = .f.
Column5.Visible = .T.
Column5.Name = "Column5"
Column6.Bound = .f.
Column6.ControlSource = ""
Column6.Width = 95
Column6.ReadOnly = .f.
Column6.Sparse = .f.
Column6.Visible = .T.
Column6.Name = "Column6"
Alignment = 2
Caption = "Equip."
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Fabricante"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Modelo"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "pepv0032.modelo"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Local"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "pepv0032.local"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Preço Local"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "pepv0032.aquisicao"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Caption = "Preço Unitário"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = 0.00
ControlSource = "pepv0040.aquisicao"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Top = 336
Left = 58
Height = 26
Width = 83
Caption = "Exceções"
Name = "NaoColet"
procedure Click
    do form tpep0561 with xuf,datap
    Thisform.Refresh
ENDPROC
Top = 337
Left = 270
Width = 161
Height = 29
TabIndex = 1
Name = "So_edita1"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"

*****

1.101 FORMSPEP\TPEP0532.SCX
Left = 0
Top = 0
Width = 792
Height = 419
InitialSelectedAlias = "par0010"
Name = "Dataenvironment"
Alias = "par0010"
BufferModeOverride = 5
Order = "iuf"

```



```

Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "CURSOR1"
Alias = "pepv0061"
BufferModeOverride = 5
Database = ..\sicro.dbc
CursorSource = "pepv0061"
Name = "CURSOR2"
Left = 296
Top = 15
Width = 95
Height = 90
Alias = "par0040"
Database = ..\sicro.dbc
CursorSource = "par0040"
Name = "Cursor3"
Left = 20
Top = 130
Width = 95
Height = 90
Alias = "pep0070"
Database = ..\sicro.dbc
CursorSource = "pep0070"
Name = "Cursor4"
ParentAlias = "pepv0061"
RelationalExpr =
"cod_uf+material+str(year(pesquisa),4)+str(
month(pesquisa),2)"
ChildAlias = "pep0070"
ChildOrder = "ichave"
Name = "Relation1"
ScaleMode = 3
Height = 365
Width = 692
DoCreate = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0532"
Visible = .f.
HelpContextID = 30340
icon = ..\IMAGENS\dner02.ico
LockScreen = .f.
Name = "TPEP0532"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "layoutsty"
Label1.Caption = "Definição de Preços
Unitários: (2) Materiais"
Label1.Width = 517
Label1.TabIndex = 0
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 6
Shape1.Top = 42
Shape1.Width = 682
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 6
Shape2.Top = 43
Shape2.Width = 682
Shape2.Name = "Shape2"
Shape3.Left = 6
Shape3.Top = 325
Shape3.Width = 682
Shape3.Name = "Shape3"
Shape4.Left = 6
Shape4.Top = 326

Shape4.Width = 682
Shape4.Name = "Shape4"
procedure Refresh

    sele par0010
    set FILTER to par0010.uf = cduf

    sele pep0070
    set FILTER to cod_uf=cduf and
pesquisa=datap
GO Top

    sele PEPV0061
    set FILTER to cod_uf=cduf and
pesquisa=datap
GO Top

ENDPROC
procedure Init
parameters xuf, datap

IF !empty(xuf)
    cduf=xuf
ELSE
    cduf=""
ENDIF

    sele PEPV0061
    set FILTER to cod_uf=cduf and
pesquisa=datap
GO Top

    sele par0010
    set Order to tag iuf
    set FILTER to uf = cduf
GO Top
SEEK cduf
cduf = par0010.uf

    Thisform.UF1.Value=par0010.uf

Thisform.DENOMINACAO1.Value=par001
0.denominacao

    sele par0010

ENDPROC
AutoSize = .T.
FontBold = .T.
FontSize = 10
Caption = "UF:"
Left = 10
Top = 60
Visible = .T.
Width = 21
TabIndex = 0
Name = "LBLUF1"
FontBold = .T.
FontSize = 10
Value = RS
ControlSource = "par0010.uf"
Enabled = .f.
Height = 24
InputMask = "XX"
Left = 39
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 39
Name = "Uf1"
FontBold = .T.

FontSize = 10
Value =
ControlSource = "par0010.denominacao"
Enabled = .f.
Height = 24
InputMask =
"XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX"
Left = 88
ReadOnly = .T.
TabIndex = 0
Top = 54
Visible = .T.
Width = 286
Name = "DENOMINACAO1"
ColumnCount = 6
DeleteMark = .f.
Height = 229
Left = 2
ReadOnly = .f.
RecordMark = .f.
RecordSource = "pepv0061"
RecordSourceType = 1
ScrollBars = 2
TabIndex = 0
Top = 84
Visible = .T.
Width = 689
Name = "grid1"
Column1.ControlSource =
"pepv0061.material"
Column1.Width = 70
Column1.ReadOnly = .f.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Alignment = 2
Column2.Bound = .f.
Column2.ControlSource =
"pepv0061.nome_mat"
Column2.Width = 273
Column2.ReadOnly = .f.
Column2.Sparse = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Alignment = 2
Column3.ControlSource = "pepv0061.und"
Column3.Width = 50
Column3.ReadOnly = .f.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Alignment = 3
Column4.Bound = .f.
Column4.ControlSource = "pepv0061.local"
Column4.Width = 80
Column4.ReadOnly = .f.
Column4.Sparse = .f.
Column4.Visible = .T.
Column4.Name = "Column4"
Column5.Bound = .f.
Column5.ControlSource =
"pepv0061.mat_pesq"
Column5.Width = 95
Column5.ReadOnly = .f.
Column5.Sparse = .f.
Column5.Visible = .T.
Column5.Name = "Column5"
Column6.Bound = .f.
Column6.ControlSource =
"pep0070.valor_mat"
Column6.Width = 95
Column6.ReadOnly = .f.
Column6.Sparse = .f.
Column6.Visible = .T.
Column6.Name = "Column6"
Alignment = 2
Caption = "Material"

```

```

Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
Alignment = 0
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "pepv0061.nome_mat"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Und"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
FontSize = 10
Alignment = 2
Caption = "Local"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "pepv0061.local"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Preço Local"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pepv0061.mat_pesq"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Preço Unitário"
Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
ControlSource = "pepv0070.valor_mat"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Top = 7
Left = 659
Height = 26

Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 2
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30340 IN Screen
ENDPROC
Alignment = 2
ControlSource = "datap"
Height = 24
Left = 509
ReadOnly = .T.
TabIndex = 0
Top = 54
Width = 82
Name = "Text2"
AutoSize = .T.
BackStyle = 0
Caption = "Processamento:"
Height = 18
Left = 394
Top = 60
Width = 101
TabIndex = 0
Name = "Label2"
Top = 332
Left = 28
Height = 26
Width = 83
Caption = "Exceções"
TabIndex = 3
Name = "NaoColet"
procedure Click
    do form tpep0562 with xuf,datap

    Thisform.Refresh

ENDPROC
Top = 333
Left = 266
Width = 161
Height = 29
TabIndex = 1
Name = "So_edital"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"

*****

L102 FORMSPEP\TPEP0533.SCX
Left = -1
Top = 5
Width = 792
Height = 419
Name = "Dataenvironment"
ScaleMode = 3
Height = 261
Width = 440
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0533"
Visible = .f.
HelpContextID = 30350
icon = ..\IMAGENS\dner02.ico
WindowType = 1

windowstate = 0
LockScreen = .f.
Name = "TPEP0533"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.TabIndex = 0
layoutsty.Name = "layoutsty"
Label1.Caption = "Definição de Preços
Unitários:"
Label1.Width = 358
Label1.TabIndex = 0
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 8
Shape1.Top = 89
Shape1.Width = 425
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 8
Shape2.Top = 90
Shape2.Width = 425
Shape2.Name = "Shape2"
Shape3.Left = 8
Shape3.Top = 213
Shape3.Width = 425
Shape3.Name = "Shape3"
Shape4.Left = 8
Shape4.Top = 214
Shape4.Width = 425
Shape4.Name = "Shape4"
procedure Init
    parameters xuf, datap, vSalario, vCodr
ENDPROC
AutoSize = .T.
FontBold = .T.
FontSize = 10
Caption = "UF:"
Left = 327
Top = 106
Visible = .T.
Width = 21
TabIndex = 0
Name = "LBLUF1"
Top = 10
Left = 407
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
TabIndex = 4
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30350 IN Screen
ENDPROC
Alignment = 2
Value = { / / }
ControlSource = "datap"
Height = 24
Left = 162
ReadOnly = .T.
TabIndex = 5
Top = 103
Width = 82
Name = "Text2"
AutoSize = .T.
BackStyle = 0
Caption = "Processamento:"
Height = 18

```

```

Left = 51
Top = 106
Width = 101
TabIndex = 0
Name = "Label2"
AutoSize = .T.
FontName = "Times New Roman"
FontSize = 20
BackStyle = 0
Caption = "(3) Mão-de-Obra"
Height = 34
Left = 51
Top = 48
Width = 199
TabIndex = 0
Name = "Label3"
AutoSize = .T.
BackStyle = 0
Caption = "Informe o Valor do Salário
Mínimo:"
Height = 18
Left = 51
Top = 170
Width = 224
TabIndex = 0
Name = "Label4"
Alignment = 3
Value = 0.00
ControlSource = "vSalario"
Height = 24
InputMask = "999,999.99"
Left = 290
TabIndex = 1
Top = 167
Width = 113
Name = "Text3"
ControlSource = "xuf"
Height = 24
Left = 358
ReadOnly = .T.
TabIndex = 6
Top = 103
Width = 44
Name = "Text1"
Top = 225
Left = 109
Height = 26
Width = 88
Picture = ..\
Caption = "Processar"
TabIndex = 2
DisabledForeColor = 128,128,128
Name = "Processar"
procedure Click
    vCodr = .T.
    Thisform.release

ENDPROC
Top = 225
Left = 265
Height = 26
Width = 88
Picture = ..\
Caption = "Cancelar"
TabIndex = 3
DisabledForeColor = 128,128,128
Name = "Cancelar"
procedure Click
    vCodr = .f.
    Thisform.release

ENDPROC
*****

```

1.103 FORMSPEP\TPEP0561.SCX

```

Left = 134
Top = 84
Width = 416
Height = 261
InitialSelectedAlias = "par0010"
Name = "Dataenvironment"
Alias = "par0010"
BufferModeOverride = 5
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor1"
Left = 144
Top = 0
Width = 90
Height = 90
Alias = "pepv0040"
Database = ..\sicro.dbc
CursorSource = "pepv0040"
Name = "Cursor3"
ScaleMode = 3
Height = 366
Width = 654
DoCreate = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0561"
Visible = .f.
HelpContextID = 30360
icon = ..\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TPEP0561"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Exceções em Preços
Unitários: (4) Equipamentos "
Label1.Top = 8
Label1.Width = 585
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 11
Shape1.Top = 50
Shape1.Width = 633
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 11
Shape2.Top = 51
Shape2.Width = 633
Shape2.Name = "Shape2"
Shape3.Left = 11
Shape3.Top = 329
Shape3.Width = 633
Shape3.Name = "Shape3"
Shape4.Left = 11
Shape4.Top = 330
Shape4.Width = 633
Shape4.Name = "Shape4"
procedure Init
    parameters xuf, datap
PUBLIC cduf
IF !empty(xuf)
    cduf=xuf
ELSE
    cduf=""

```

```

ENDIF
sele pepv0040
set FILTER to cod_uf=cduf and
pesquisa=datap and aquisicao <= 0 ;
and montagem = .f.
GO Top

sele par0010
set Order to tag iuf
set FILTER to uf = cduf
GO Top
SEEK cduf
Thisform.UF1.Value=uf

Thisform.DENOMINACAO1.Value=denomi
nacao

sele par0010

Thisform.Refresh

ENDPROC
procedure Refresh
sele par0010
set FILTER to uf = cduf
GO Top

sele pepv0040
set FILTER to cod_uf=cduf and
pesquisa=datap and aquisicao <= 0 ;
and montagem = .f.
GO Top

ENDPROC
FontBold = .T.
FontSize = 10
Caption = "UF:"
Height = 13
Left = 10
Top = 67
Visible = .T.
Width = 39
Name = "LBLUF1"
FontBold = .T.
FontSize = 10
ControlSource = "par0010.uf"
Enabled = .f.
Height = 24
Left = 49
ReadOnly = .T.
Top = 60
Visible = .T.
Width = 45
Name = "UF1"
AutoSize = .T.
FontBold = .T.
FontSize = 10
Caption = "Processamento:"
Height = 18
Left = 401
Top = 66
Visible = .T.
Width = 101
Name = "LBLDENOMINACAO1"
FontBold = .T.
FontSize = 10
ControlSource = "par0010.denominacao"
Enabled = .f.
Height = 24
Left = 107
ReadOnly = .T.
Top = 60
Visible = .T.
Width = 256
Name = "DENOMINACAO1"

```

```

Top = 9
Left = 618
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 30360 IN Screen
ENDPROC
Alignment = 2
ControlSource = "datap"
Enabled = .f.
Height = 25
Left = 516
ReadOnly = .T.
Top = 60
Width = 75
Name = "Text2"
ColumnCount = 4
DeleteMark = .f.
Height = 228
Left = 39
Panel = 1
ReadOnly = .T.
RecordMark = .f.
RecordSource = "pepv0040"
RecordSourceType = 1
ScrollBars = 2
Top = 91
Visible = .T.
Width = 575
Name = "Grid12"
Column1.Alignment = 2
Column1.ControlSource =
"pepv0040.equipamento"
Column1.Width = 50
Column1.ReadOnly = .T.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.ControlSource =
"pepv0040.fabricante"
Column2.Width = 205
Column2.ReadOnly = .T.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource =
"pepv0040.modelo"
Column3.Width = 191
Column3.ReadOnly = .T.
Column3.Visible = .T.
Column3.Name = "Column3"
Column4.Bound = .f.
Column4.ControlSource =
"pepv0040.aquisicao"
Column4.Width = 106
Column4.ReadOnly = .f.
Column4.Sparse = .f.
Column4.Visible = .T.
Column4.Name = "Column4"
Alignment = 2
Caption = "Equip."
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Fabricante"

```

```

Name = "Header1"
BackColor = 255,255,255
BorderStyle = 0
Value =
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Modelo"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = { / / }
ControlSource = "pepv0040.modelo"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Situação"
Name = "Header1"
Alignment = 3
BackColor = 255,255,255
BorderStyle = 0
Value = $0,00
ControlSource = "pepv0040.aquisicao"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Top = 337
Left = 247
Width = 161
Height = 29
TabIndex = 1
Name = "So_edita1"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"

*****

L104 FORMSPEP\TPEP0562.SCX
Left = 134
Top = 84
Width = 416
Height = 261
InitialSelectedAlias = "par0010"
Name = "Dataenvironment"
Alias = "par0010"
BufferModeOverride = 5
Order = "iuf"
Database = ..\sicro.dbc
CursorSource = "par0010"
Name = "Cursor1"
Left = 20
Top = 130
Width = 90
Height = 90
Alias = "pepv0070"
Database = ..\sicro.dbc
CursorSource = "pepv0070"
Name = "Cursor2"

```

```

ScaleMode = 3
Height = 366
Width = 598
DoCreate = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO/PEP - TPEP0562"
Visible = .f.
HelpContextID = 30370
icon = ..\dner02.ico
WindowType = 1
LockScreen = .f.
Name = "TPEP0562"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "Exceções em Preços
Unitários: (5) Materiais"
Label1.Top = 8
Label1.Width = 523
Label1.Name = "Label1"
Shape1.Height = 1
Shape1.Left = 12
Shape1.Top = 50
Shape1.Width = 574
Shape1.Name = "Shape1"
Shape2.Height = 1
Shape2.Left = 12
Shape2.Top = 51
Shape2.Width = 574
Shape2.Name = "Shape2"
Shape3.Height = 1
Shape3.Left = 12
Shape3.Top = 329
Shape3.Width = 574
Shape3.Name = "Shape3"
Shape4.Height = 1
Shape4.Left = 12
Shape4.Top = 330
Shape4.Width = 574
Shape4.Name = "Shape4"
procedure Init
    parameters xuf, datap
    PUBLIC cduf
    IF !empty(xuf)
        cduf=xuf
    ELSE
        cduf=""
    ENDIF

    sele par0010
    set Order to tag iuf
    set FILTER to uf=cduf
    GO Top

    SEEK cduf
    Thisform.UF1.Value=uf

Thisform.DENOMINACAO1.Value=denomi
nacao

ENDPROC
procedure Refresh
    sele par0010
    set FILTER to uf=cduf
    GO Top

```

```

sele PEPV0070
set FILTER to cod_uf=cduf and
pesquisa=datap and valor_mat <= 0
GO Top

ENDPROC
FontBold = .T.
FontSize = 10
Caption = "UF:"
Height = 13
Left = 10
Top = 67
Visible = .T.
Width = 39
Name = "LBLUF1"
FontBold = .T.
FontSize = 10
ControlSource = "par0010.uf"
Enabled = .f.
Height = 24
Left = 49
ReadOnly = .T.
Top = 60
Visible = .T.
Width = 45
Name = "UF1"
AutoSize = .T.
FontBold = .T.
FontSize = 10
Caption = "Processamento:"
Height = 18
Left = 401
Top = 66
Visible = .T.
Width = 101
Name = "LBLDENOMINACAO1"
FontBold = .T.
FontSize = 10
ControlSource = "par0010.denominacao"
Enabled = .f.
Height = 24
Left = 107
ReadOnly = .T.
Top = 60
Visible = .T.
Width = 256
Name = "DENOMINACAO1"
Top = 12
Left = 552
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 30370 IN Screen
ENDPROC
Alignment = 2
ControlSource = "datap"
Enabled = .f.
Height = 25
Left = 516
ReadOnly = .T.
Top = 60
Width = 75
Name = "Text2"
ColumnCount = 3
DeleteMark = .f.
Height = 228
Left = 75
Panel = 1
ReadOnly = .f.
RecordMark = .f.
RecordSource = "pepv0070"

```

```

RecordSourceType = 1
ScrollBars = 2
Top = 91
Visible = .T.
Width = 448
Name = "Grid12"
Column1.Alignment = 2
Column1.Bound = .f.
Column1.ControlSource =
"pepv0070.material"
Column1.Width = 50
Column1.ReadOnly = .f.
Column1.Sparse = .f.
Column1.Visible = .T.
Column1.Name = "Column1"
Column2.Bound = .f.
Column2.ControlSource = ""
Column2.Width = 251
Column2.ReadOnly = .f.
Column2.Sparse = .f.
Column2.Visible = .T.
Column2.Name = "Column2"
Column3.Bound = .f.
Column3.ControlSource = ""
Column3.Width = 124
Column3.ReadOnly = .f.
Column3.Sparse = .f.
Column3.Visible = .T.
Column3.Name = "Column3"
Alignment = 2
Caption = "Código"
Name = "Header1"
Alignment = 2
BackColor = 255,255,255
BorderStyle = 0
Value = XXXX
ControlSource = "pepv0070.material"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Denominação"
Name = "Header1"
Alignment = 0
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "pepv0070.nome_mat"
ForeColor = 0,0,0
Margin = 0
ReadOnly = .T.
ColorSource = 3
Name = "Text1"
Alignment = 2
Caption = "Situação"
Name = "Header1"
Alignment = 1
BackColor = 255,255,255
BorderStyle = 0
Value =
ControlSource = "pepv0070.valor_mat"
ForeColor = 0,0,0
InputMask = "999,999,999.99"
Margin = 0
ReadOnly = .f.
ColorSource = 3
Name = "Text1"
Top = 336
Left = 219
Width = 161
Height = 29
TabIndex = 1
Name = "So_edita1"
cmdPrev.Name = "cmdPrev"

```

```

cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
IMAGENS\BHIND_S.BMP
IMAGENS\CANCEL.BMP
IMAGENS\CLOSE.BMP
IMAGENS\FRSREC_S.BMP
IMAGENS\HELP.BMP
IMAGENS\LFSCROLL.BMP
IMAGENS\LISTREC_S.BMP
IMAGENS\MSGBOX02.ICO
IMAGENS\NEW.BMP
IMAGENS\NEXTREC_S.BMP
IMAGENS\OK.BMP
IMAGENS\PRVREC_S.BMP
IMAGENS\RTSCROLL.BMP
IMAGENS\SAVE.BMP
IMAGENS\SICRO.BMP
IMAGENS\TRADELG.BMP
IMAGENS\UNDO.BMP
IMAGENS\WZBACK.BMP
IMAGENS\WZCLOSE.BMP
IMAGENS\WZDELETE.BMP
IMAGENS\WZEDIT.BMP
IMAGENS\WZLOCATE.BMP
IMAGENS\WZNEW.BMP
IMAGENS\WZPRINT.BMP
IMAGENS\WZSAVE.BMP
IMAGENS\WZUNDO.BMP

```

L.105 IMPORTA.SCX

```

Left = 41
Top = 22
Width = 520
Height = 211
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 95
Height = 90
Alias = "par0010"
Database = sicro.dbc
CursorSource = "par0010"
Name = "Cursor1"
Left = 160
Top = 10
Width = 95
Height = 90
Alias = "par0040"
Database = sicro.dbc
CursorSource = "par0040"
Name = "Cursor2"
Height = 251
Width = 486
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "Importação de Dados"
HelpContextID = 31020
icon = dner02.ico
WindowType = 1
LockScreen = .f.
Name = "IMPORTA"
AutoSize = .f.
ButtonCount = 2
BackStyle = 0
BorderStyle = 0

```

```

Value = 1
Height = 55
Left = -24
Top = 173
Width = 324
Name = "OP"
Command1.AutoSize = .f.
Command1.Top = 5
Command1.Left = 81
Command1.Height = 45
Command1.Width = 89
Command1.Picture = IMAGENS\ok.bmp
Command1.Caption = "Importa"
Command1.ToolTipText = "Importa os dados
selecionados"
Command1.TerminateRead = .T.
Command1.Name = "OK"
Command2.AutoSize = .f.
Command2.Top = 5
Command2.Left = 230
Command2.Height = 45
Command2.Width = 89
Command2.Picture = IMAGENS\cancel.bmp
Command2.Caption = "Cancela"
Command2.ToolTipText = "Cancela a
importação de dados"
Command2.TerminateRead = .T.
Command2.Name = "Cancela"
procedure ok.Valid
    IF empty(Thisform.Combo_uf.Value)
        wait WINDOW "Selecione uma UF"
    ENDIF

    set excl off

    disco=alltrim(Thisform.disco.Value)

expdata=ctod(Thisform.combo_data.Value)
expuf=Thisform.Combo_uf.Value

    IF used("pep0010")
        sele pep0010
    ELSE
        sele 0
        use pep0010 shared
    ENDIF
    set Order to tag cod_local

    IF used("pup0010")
        sele pup0010
    ELSE
        sele 0
        use (disco+"puf0010") shared
    ENDIF

    sele puf0010
    scan FOR cod_uf=expuf
        scatter memvar
        sele pep0010
        SEEK m.cod_uf+m.LOCAL
        IF FOUND()
            INSERT INTO pep0010 FROM
memvar
        ENDIF
    endscan
    use

    IF used("pep0020")
        sele pep0020
    ELSE
        sele 0
        use pep0020 shared
    ENDIF
    set Order to tag local_equi

    IF used("pup0020")
        sele pup0020
    ELSE
        sele 0
        use (disco+"puf0020") shared
    ENDIF

    sele puf0020
    scan FOR cod_uf=expuf
        scatter memvar
        sele pep0020
        SEEK
        m.cod_uf+m.LOCAL+m.equipament
        IF FOUND()
            ELSE
                INSERT INTO pep0020 VALUES
(m.cod_uf,m.LOCAL,m.equipament)
            ENDIF
        endscan
        use

    IF used("pep0030")
        sele pep0030
    ELSE
        sele 0
        use pep0030 shared
    ENDIF
    set Order to tag cod
    IF used("pup0030")
        sele pup0030
    ELSE
        sele 0
        use (disco+"puf0030") shared
    ENDIF

    sele puf0030
    scan FOR cod_uf=expuf and
pesquisa=expdata
        scatter memvar
        sele pep0030
        SEEK
        m.cod_uf+m.LOCAL+m.equipament+STR(Y
EAR(m.pesquisa),4)+STR(month(m.pesquisa
),2)
        IF FOUND()
            ELSE
                INSERT INTO pep0030 VALUES
(m.cod_uf,m.LOCAL,m.equipament,M.pesqu
isa,M.aquisicao)
            ENDIF
        endscan
        use

    IF used("pep0040")
        sele pep0040
    ELSE
        sele 0
        use pep0040 shared
    ENDIF
    set Order to tag cod
    IF used("pup0040")
        sele pup0040
    ELSE
        sele 0
        use (disco+"puf0040") shared
    ENDIF

    sele puf0040
    scan FOR cod_uf=expuf and
pesquisa=expdata
        scatter memvar
        sele pep0040

        SEEK
        m.cod_uf+m.equipament+STR(YEAR(m.pes
quisa),4)+STR(month(m.pesquisa),2)
        IF FOUND()
            ELSE
                INSERT INTO pep0040 VALUES
(m.cod_uf,m.equipament,M.pesquisa,M.h
ora_operado)
            ENDIF
        endscan
        use

    IF used("pep0050")
        sele pep0050
    ELSE
        sele 0
        use pep0050 shared
    ENDIF
    set Order to tag ichave
    IF used("pup0050")
        sele pup0050
    ELSE
        sele 0
        use (disco+"puf0050") shared
    ENDIF

    sele puf0050
    scan FOR cod_uf=expuf
        scatter memvar
        sele pep0050
        SEEK m.cod_uf+m.LOCAL+m.material
        IF FOUND()
            ELSE
                INSERT INTO pep0050 FROM
memvar
            ENDIF
        endscan
        use

    IF used("pep0060")
        sele pep0060
    ELSE
        sele 0
        use pep0060 shared
    ENDIF
    set Order to tag ichave
    IF used("pup0060")
        sele pup0060
    ELSE
        sele 0
        use (disco+"puf0060") shared
    ENDIF

    sele puf0060
    scan FOR cod_uf=expuf and
pesquisa=expdata
        scatter memvar
        sele pep0060
        SEEK
        m.cod_uf+m.LOCAL+m.material+STR(YEA
R(m.pesquisa),4)+STR(month(m.pesquisa),2)
        IF FOUND()
            ELSE
                INSERT INTO pep0060 FROM
memvar
            ENDIF
        endscan
        use

    IF used("pep0070")
        sele pep0070
    ELSE

```

```

    sele 0
    use pep0070 shared
ENDIF

set Order to tag ichave
IF used("pup0070")
    sele pup0070
ELSE
    sele 0
    use (disco+"puf0070") shared
ENDIF

    sele puf0070
scan FOR cod_uf=expuf and
pesquisa=expdata
scatter memvar
sele pep0070
SEEK
m.cod_uf+m.material+STR(YEAR(m.pesquis
a),4)+STR(month(m.pesquisa),2)
IF FOUND()
ELSE
    INSERT INTO pep0070 FROM
memvar
ENDIF
endscan
use

IF used("pep0080")
    sele pep0080
ELSE
    sele 0
    use pep0080 shared
ENDIF
set Order to tag ichave
IF used("pup0080")
    sele pup0080
ELSE
    sele 0
    use (disco+"puf0080") shared
ENDIF

    sele puf0080
scan FOR cod_uf=expuf and
pesquisa=expdata
scatter memvar
sele pep0080
SEEK
m.cod_uf+m.mao_d_obra+STR(YEAR(m.pesquis
a),4)+STR(month(m.pesquisa),2)
IF FOUND()
ELSE
    INSERT INTO pep0080 FROM
memvar
ENDIF
endscan
use

    Thisform.release
ENDPROC
procedure Cancela.Valid
    Thisform.release
ENDPROC
Top = 179
Left = 353
Height = 45
Width = 88
Picture = IMAGENS\HELP.bmp
Caption = ""
HelpContextID = 31020
TabIndex = 12
ToolTipText = "Auxilio"
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
    HELP ID 31020 IN Screen

```

```

ENDPROC
BackStyle = 0
Caption = "UF - "
Height = 18
Left = 48
Top = 73
Width = 33
Name = "Label4"
ColumnCount = 2
ColumnWidths = "30,175"
RowSourceType = 6
RowSource = "Par0010.Uf,Denominacao"
FirstElement = 1
Height = 24
Left = 204
NumberOfElements = 0
Sorted = .f.
Top = 70
Width = 229
Name = "Combo_UF"
BackStyle = 0
Caption = "Data de Referencia:"
Height = 18
Left = 48
Top = 103
Width = 157
Name = "Label5"
Alignment = 0
RowSourceType = 3
RowSource = "select distinct pesquisa from
PEP0040 order by pep0040.pesquisa DESC
into cursor datapesq"
DisplayValue = 1
Value = (datapesq)
ControlSource = " "
Height = 24
Left = 204
Sorted = .f.
Top = 100
Visible = .T.
Width = 115
Name = "Combo_Data"
procedure Valid

ENDPROC
procedure Init

ENDPROC
procedure Click

ENDPROC
BackStyle = 0
Caption = "Origem"
Height = 18
HelpContextID = 31020
Left = 48
Top = 45
Width = 133
Name = "Importacao"
ColumnCount = 1
ColumnWidths = "60"
RowSourceType = 1
RowSource = "A.;B:"
DisplayValue = 1
FirstElement = 1
Height = 24
Left = 204
NumberOfElements = 0
Top = 39
Width = 61
Name = "DISCO"

*****

```

I.106 INCLUDE\ABOUT.VCX

```

Height = 319
Width = 374
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
BorderStyle = 2
Caption = "Sobre o SICRO"
FontSize = 8
MaxButton = .f.
MinButton = .f.
MinWidth = 1
icon = ..\..IMAGENS\dner02.ico
WindowType = 1
LockScreen = .T.
AlwaysOnTop = .T.
cmsinfodir =
lallowdelete = .f.
lallownew = .f.
lallowedits = .f.
ctoolbar =
Name = "aboutbox"
procedure Activate
    set MESSAGE to Thisform.Caption
ENDPROC
procedure Init
    *-- (c) Microsoft Corporation 1995
    LPARAMETERS tcAppName, tcVersion,
tcCopyright, tcTrademark, tcLogoBMP

LOCAL lcBuffer, ;
    lnBufferSize, ;
    lcRetVal, ;
    lnReserved, ;
    lnResult, ;
    lnError, ;
    lnType, ;
    lcKey

    *-- Initialize variables for DLL calls
store 0 to lnReserved, lnResult, lnType
lcBuffer = space(128)
lnBufferSize = LEN(lcBuffer)

    *-- Set new property values if parameters
do not contain .F.
IF TYPE("tcAppName") = "C"
    Thisform.Caption = ABOUT_LOC +
alltrim(tcAppName)
    Thisform.lblAppName.Caption =
alltrim(tcAppName)
ENDIF

IF TYPE("tcVersion") = "C"
    Thisform.lblVersion.Caption =
VERSIONLABEL_LOC + alltrim(tcVersion)
ENDIF

IF TYPE("tcCopyright") = "C"
    Thisform.lblCopyright.Caption =
alltrim(tcCopyright)
ENDIF

IF TYPE("tcTrademark") = "C"
    Thisform.lblTrademark.Caption =
tcTrademark
    Thisform.lblTrademark.WordWrap = 1
ENDIF

IF TYPE("tcLogoBMP") = "C"
    Thisform.imgLogo.Picture =
tcLogoBMP
ENDIF

store "" to ;

```

```

    Thisform.lblUserName.Caption, ;
    Thisform.lblUserCorp.Caption, ;
    Thisform.cmsinfodir

do CASE
CASE UPPER(OS()) = "WINDOWS NT"
OR UPPER(OS()) = "WINDOWS 4"
    *-- Gets default user name, organization,
    and location of MSINFO.EXE from
    *-- system registry
    *-- First need to open the appropriate key
    InError =
    RegOpenKeyEx(HKEY_LOCAL_MACHIN
E, KEY_SHARED_TOOLS_LOCATION, ;
    InReserved, KEY_QUERY_VALUE,
    @InResult)

    IF InError = ERROR_SUCCESS
        *-- Read the value for the MSINFO
entry
        InError = RegQueryValueEx(InResult,
"MSINFO", InReserved, ;
            @InType, @lcBuffer, @InBufferSize)

        IF InError = ERROR_SUCCESS
            *-- Strip off the "junk" at the end, and
            set the form property
            Thisform.cmsinfodir = Left(lcBuffer,
InBufferSize - 1) + "\MSINFO.EXE"
            IF !file(Thisform.cmsinfodir)
                Thisform.cmsinfodir = ""
            ENDIF
        ENDIF

        *-- Close the key
        =RegCloseKey(InResult)

        InResult = 0
        lcKey = IIF("NT" $ UPPER(OS()),
KEY_NTCURRENTVERSION,
KEY_WIN4CURRENTVERSION)
        InError =
        RegOpenKeyEx(HKEY_LOCAL_MACHIN
E, lcKey, ;
            InReserved, KEY_QUERY_VALUE,
            @InResult)

        *-- The next 2 calls to
        RegQueryValueEx() retrieve the registered
        owner
        *-- and registered organization of the
        operating system
        IF InError = ERROR_SUCCESS
            InType = 0
            lcBuffer = space(128)
            InBufferSize = LEN(lcBuffer)
            InError = RegQueryValueEx(InResult,
"RegisteredOwner", InReserved, ;
                @InType, @lcBuffer,
                @InBufferSize)

            IF InError = ERROR_SUCCESS and
lcBuffer <> CHR(0)
                Thisform.lblUserName.Caption =
                Left(lcBuffer, InBufferSize - 1)
            ENDIF

            InType = 0
            lcBuffer = space(128)
            InBufferSize = LEN(lcBuffer)
            InError = RegQueryValueEx(InResult,
"RegisteredOrganization", InReserved, ;
                @InType, @lcBuffer, @InBufferSize)

            IF InError = ERROR_SUCCESS and
lcBuffer <> CHR(0)
                Thisform.lblUserCorp.Caption =
                Left(lcBuffer, InBufferSize - 1)
            ENDIF

        OTHERWISE
            *-- Gets default user name, organization,
            and location of MSINFO.EXE from
            *-- WIN.INI (for Windows 3.x machines)
            *-- Gets default user name
            lcRetVal = GetProStr("MS USER INFO",
"DEFNAME", "", @lcBuffer, InBufferSize)
            Thisform.lblUserName.Caption =
            Left(lcBuffer, lcRetVal)

            *-- Get default corporation name
            lcRetVal = GetProStr("MS USER INFO",
"DEFCOMPANY", "", @lcBuffer,
InBufferSize)
            Thisform.lblUserCorp.Caption =
            Left(lcBuffer, lcRetVal)

            *-- Get location of MSINFO.EXE name
            lcRetVal = GetProStr("MICROSOFT
SYSTEM INFO", "MSINFO", "", @lcBuffer,
InBufferSize)
            Thisform.cmsinfodir = Left(lcBuffer,
lcRetVal)

        ENDCASE

        *-- Check if MSINFO.EXE exists, otherwise
        remove the System Info command button and
        *-- shorten the form
        IF empty(Thisform.cmsinfodir)
            Thisform.cmsinfodir = " "
            Thisform.cmdSysInfo.Enabled = .f.
            Thisform.Height = 282
        ENDIF

        ENDPROC
        procedure Unload
            set MESSAGE to
        ENDPROC
        FontSize = 8
        BackStyle = 0
        Caption = "SICRO - Sistema de Custos
Rodoviários"
        Height = 14
        Left = 120
        Top = 17
        Width = 233
        TabIndex = 1
        ZOrderSet = 0
        Name = "lblAppName"
        FontSize = 8
        BackStyle = 0
        Caption = "Versão: 2.0 (Beta)"
        Height = 16
        Left = 120
        Top = 35
        Width = 233
        TabIndex = 2
        ZOrderSet = 1
        Name = "lblVersion"
        FontBold = .T.
        FontSize = 8
        BackStyle = 0

        Caption = " Estudos e Consultoria LTDA
para : "
        Height = 19
        Left = 120
        Top = 75
        Width = 233
        TabIndex = 3
        ZOrderSet = 2
        Name = "lblTrademark"
        FontSize = 8
        BackStyle = 0
        Caption = "Produto licenciado para:"
        Height = 16
        Left = 120
        Top = 152
        Width = 234
        TabIndex = 4
        ZOrderSet = 3
        Name = "lblLicense"
        BackColor = 0,128,255
        Height = 60
        Left = 119
        Top = 169
        Width = 252
        SpecialEffect = 0
        ZOrderSet = 4
        Name = "shpRectangle"
        FontBold = .f.
        FontSize = 8
        BackStyle = 0
        Caption = "NomeUsuario"
        Height = 25
        Left = 130
        Top = 181
        Width = 205
        TabIndex = 5
        ZOrderSet = 5
        Name = "lblUserName"
        FontBold = .f.
        FontSize = 8
        BackStyle = 0
        Caption = "Companhia"
        Height = 25
        Left = 130
        Top = 202
        Width = 205
        TabIndex = 6
        ZOrderSet = 6
        Name = "lblUserCorp"
        Top = 252
        Left = 269
        Height = 25
        Width = 100
        FontBold = .T.
        FontSize = 8
        Caption = "OK"
        default = .T.
        TabIndex = 1
        ZOrderSet = 7
        Name = "cmdOK"
        procedure Click
            release Thisform

        ENDPROC
        Top = 283
        Left = 269
        Height = 25
        Width = 100
        FontSize = 8
        Caption = "Inf do \<Sistema "
        TabIndex = 2
        ZOrderSet = 8
        Name = "cmdSysInfo"
        procedure Click
            LOCAL lcMSInfoWinDir

```



```
lcMSInfoWinDir= Thisform.cmsinfodir
RUN/N1 &lcMSInfoWinDir
```

```
ENDPROC
FontSize = 8
BackStyle = 0
Caption = "Desenvolvido pela PLANEC-
Planejamento,"
Height = 16
Left = 120
Top = 55
Width = 233
TabIndex = 3
ZOrderSet = 9
Name = "lblCopyright"
BorderStyle = 1
BorderWidth = 2
BorderColor = 255,255,255
Height = 1
Left = 1
Top = 241
Width = 375
ZOrderSet = 10
Name = "linWhiteShadow"
BorderColor = 0,0,0
Height = 0
Left = 0
Top = 240
Width = 376
ZOrderSet = 11
Name = "linBlackVertical"
FontBold = .T.
FontSize = 8
BackStyle = 0
Caption = " DNER/DG - Gerência de Custos
Rodoviários"
Height = 19
Left = 121
Top = 95
Width = 233
TabIndex = 3
ZOrderSet = 12
Name = "Label1"
Picture = ..\IMAGENS\sicro.bmp
Stretch = 1
BackStyle = 0
Height = 111
Left = 10
Top = 11
Width = 99
ZOrderSet = 13
Name = "imgLogo"
Arial, 1, 8, 5, 14, 11, 12, 3, 0
Arial, 0, 8, 5, 14, 11, 12, 3, 0
```

1.107 INCLUDE\BUTTONS.VCX

```
Caption = "Cancel"
Name = "cmdCancel"
Caption = "\<Help"
Height = 30
Width = 94
HelpContextID = 15
Name = "cmdHelp"
procedure Click
HELP ID this.HelpContextID
```

```
ENDPROC
Height = 30
Width = 94
Caption = "OK"
default = .f.
Name = "cmdok"
```

```
procedure Click
IF TYPE("THISFORM.PARENT") = 'O'
release THISFORMSET
ELSE
release Thisform
ENDIF
```

```
ENDPROC
Arial, 1, 10, 6, 16, 13, 15, 3, 0
Width = 181
Height = 25
BackColor = 192,192,192
BorderWidth = 1
skiptable =
Name = "vcr"
procedure Error
parameters nError, cMethod, nLine
#define NUM_LOC "Error Number: "
#define PROG_LOC "Procedure: "
#define MSG_LOC "Error Message: "
#define CR_LOC CHR(13)
#define SELTABLE_LOC "Select Table:"
#define OPEN_LOC "Open"
* If the user tries to move the record
pointer when no
* table is open or when an invalid
SkipTable property has bee
* specified, prompt the user for a table to
open.
```

```
do CASE
CASE nError = 13 && Alias not found
cNewTable = GETFILE('DBF',
SELTABLE_LOC, OPEN_LOC)
IF file(cNewTable)
SELECT 0
use (cNewTable)
this.skiptable = Alias()
ELSE
this.skiptable = ""
ENDIF
OTHERWISE
lcMsg = NUM_LOC +
alltrim(STR(nError)) + CR_LOC + CR_LOC
+ ;
MSG_LOC + MESSAGE( )+ CR_LOC
+ CR_LOC + ;
PROG_LOC + PROGRAM(1)
lnAnswer = MESSAGEBOX(lcMsg,
2+48+512)
do CASE
CASE lnAnswer = 3 &&Abort
cancel
CASE lnAnswer = 4 &&Retry
RETRY
OTHERWISE
RETURN
ENDCASE
ENDCASE
```

```
ENDPROC
Top = 0
Left = 0
Height = 25
Width = 37
Caption = "<"
TabIndex = 1
Name = "cmdTop"
procedure Error
parameters nError, cMethod, nLine
this.Parent.Error(nError, cMethod, nLine)
ENDPROC
procedure Click
IF !empty(this.Parent.skiptable)
SELECT (this.Parent.skiptable)
ENDIF
```

```
GO Top
this.Enabled = .f.
this.Parent.cmdPrior.Enabled = .f.
this.Parent.cmdBottom.Enabled = .T.
this.Parent.cmdNext.Enabled = .T.
Thisform.Refresh
ENDPROC
Top = 0
Left = 48
Height = 25
Width = 37
Caption = "<"
TabIndex = 2
Name = "cmdPrior"
procedure Error
parameters nError, cMethod, nLine
this.Parent.Error(nError, cMethod, nLine)
ENDPROC
procedure Click
IF !empty(this.Parent.skiptable)
SELECT (this.Parent.skiptable)
ENDIF
SKIP -1
IF BOF()
GO Top
this.Enabled = .f.
this.Parent.cmdTop.Enabled = .f.
ELSE
this.Parent.SETALL("Enabled", .T.,
"Commandbutton")
ENDIF
Thisform.Refresh
ENDPROC
Top = 0
Left = 96
Height = 25
Width = 37
Caption = ">"
TabIndex = 3
Name = "cmdNext"
procedure Error
parameters nError, cMethod, nLine
this.Parent.Error(nError, cMethod, nLine)
ENDPROC
procedure Click
IF !empty(this.Parent.skiptable)
SELECT (this.Parent.skiptable)
ENDIF
SKIP 1
IF EOF()
GO BOTTOM
this.Enabled = .f.
this.Parent.cmdBottom.Enabled = .f.
ELSE
this.Parent.SETALL("Enabled", .T.,
"Commandbutton")
ENDIF
Thisform.Refresh
ENDPROC
Top = 0
Left = 144
Height = 25
Width = 37
Caption = ">"
TabIndex = 4
Name = "cmdBottom"
procedure Error
parameters nError, cMethod, nLine
this.Parent.Error(nError, cMethod, nLine)
ENDPROC
procedure Click
IF !empty(this.Parent.skiptable)
SELECT (this.Parent.skiptable)
ENDIF
GO BOTTOM
this.Enabled = .f.
```

```

this.Parent.cmdNext.Enabled = .f.
this.Parent.cmdTop.Enabled = .T.
this.Parent.cmdPrior.Enabled = .T.
Thisform.Refresh
ENDPROC
Arial, 1, 10, 6, 16, 13, 15, 3, 0

```

1.108 INCLUDE\LOGIN.VCX

```

DataSession = 2
ScaleMode = 3
Height = 131
Width = 224
DoCreate = .T.
Caption = "Login"
HelpContextID = 10
cpassword = password
ctable = employee
ctagname = employee_i
cfieldname = last_name, employee_id
Name = "login"
procedure Load
    IF !used(this.ctable)
        use ("DATA\" + this.ctable) IN 0
    ENDIF
    SELECT (this.ctable)
ENDPROC
procedure Init
    *-- (c) Microsoft Corporation 1995

    Thisform.cboName.RowSource =
"SELECT " + ;
    Thisform.cfieldname + ;
    " FROM " + this.ctable + ;
    " ORDER BY " + Thisform.cfieldname
+ ;
    " INTO CURSOR cNames"

    Thisform.cboName.Requery()

    IF _tally > 0
        Thisform.cboName.ListIndex = 1
    ELSE

=MESSAGEBOX(NOEMPLOYEES_LOC, ;
    MB_ICONEXCLAMATION, ;
    TASTRADE_LOC)
    RETURN .f.
ENDIF

ENDPROC
procedure Unload
    tsFormRetVal::Unload()
    IF used("cNames")
        use IN cNames
    ENDIF

    IF used(this.ctable)
        use IN (this.ctable)
    ENDIF

ENDPROC
procedure Refresh
    *-- Set up our workareas
    LOCAL lnOldSelect, lcFldName, lcUserID
    lnOldSelect = SELECT()
    SELECT (Thisform.ctable)
    lcFldName = "employee_id"
    lcUserID = Thisform.cboName.Value

=LOOKUP(&lcFldName, lcUserID, ;
    &lcFldName, Thisform.ctagname)

    SELECT (lnOldSelect)
ENDPROC

```

```

Top = 90
Left = 50
Height = 26
Width = 56
Caption = "OK"
default = .T.
TabIndex = 3
Name = "cmdOK"
procedure Click
    *-- Now check the password
    IF alltrim(EVAL(this.Parent.cpassword))
== alltrim(this.Parent.txtPassword.Value)
        Thisform.HIDE()
    ELSE

=MESSAGEBOX(BADPASSWORD_LOC,
    MB_ICONEXCLAMATION)
        this.Parent.txtPassword.Value = ""
        this.Parent.txtPassword.SetFocus()
    ENDIF

ENDPROC
Top = 90
Left = 130
Height = 26
Width = 56
cancel = .T.
Caption = "Cancel"
Enabled = .T.
TabIndex = 4
Name = "cmdCancel"
procedure Click
    Thisform.uRetVal = .f.
    Thisform.HIDE()

ENDPROC
Alignment = 1
BackColor = 192,192,192
Caption = "Name"
Height = 17
Left = 9
Top = 15
Width = 87
TabIndex = 5
Name = "lblName"
FontBold = .T.
Alignment = 1
BackColor = 192,192,192
Caption = "Password"
Height = 17
Left = 9
Top = 46
Width = 87
TabIndex = 6
Name = "lblPswd"
Format = "K"
Height = 24
Left = 99
TabIndex = 2
Top = 46
Width = 104
PasswordChar = "*"
Name = "txtPassword"
FontSize = 8
BoundColumn = 2
RowSourceType = 3
RowSource = ""
Height = 21
Left = 100
Style = 2
TabIndex = 1
Top = 15
Width = 106
Name = "cboName"
procedure InteractiveChange
    Thisform.Refresh()

```

```

ENDPROC
Arial, 1, 8, 5, 14, 11, 13, 3, 0
Arial, 0, 8, 5, 14, 11, 13, 3, 0
ScaleMode = 3
Height = 316
Width = 437
DoCreate = .T.
uRetVal =
Name = "loginpicture"
cmdOK.Top = 280
cmdOK.Left = 105
cmdOK.Height = 30
cmdOK.Width = 76
cmdOK.TabIndex = 5
cmdOK.Name = "cmdok"
cmdCancel.Top = 280
cmdCancel.Left = 250
cmdCancel.Height = 30
cmdCancel.Width = 76
cmdCancel.TabIndex = 6
cmdCancel.Name = "cmdcancel"
lblName.Left = 220
lblName.Top = 15
lblName.Visible = .T.
lblName.Name = "lblname"
lblPswd.Left = 220
lblPswd.Top = 45
lblPswd.Visible = .T.
lblPswd.Name = "lblpswd"
txtPassword.Left = 315
txtPassword.Top = 42
txtPassword.Name = "txtPassword"
cboName.Height = 21
cboName.Left = 315
cboName.TabIndex = 1
cboName.Top = 15
cboName.Name = "cboName"
procedure getuserlevel
    LOCAL llCloseUserLevel, ;
        lcUserLevel

    set Database to TASTRADE

    *-- Look up the group information
    IF !used("user_level")
        use user_level IN 0
        llCloseUserLevel = .T.
    ENDIF

    lcUserLevel =
LOOKUP(user_level.description, ;
    employee.group_id, ;
    user_level.group_id, ;
    "group_id")

    IF llCloseUserLevel
        use IN user_level
    ENDIF

    RETURN lcUserLevel
ENDPROC
procedure Refresh
    IF login::Refresh()
        Thisform.txtTitle.Value = Title
        Thisform.edtDescription.Value = Notes
        Thisform.olePhoto.ControlSource =
"employee.photo"
        Thisform.txtDispPswd.Value =
password
        Thisform.txtUserLevel.Value =
Thisform.getuserlevel()
    ELSE
        store "" to ;
            Thisform.txtTitle.Value, ;
            Thisform.edtDescription.Value, ;
            Thisform.olePhoto.ControlSource, ;

```

```

        Thisform.txtDispPswd.Value
        Thisform.txtUserLevel.Value
    ENDIF
ENDPROC
procedure Init
    *-- (c) Microsoft Corporation 1995

    IF login::Init()
        Thisform.Refresh()
    ENDIF
ENDPROC
procedure cmdOK.Click
    LOCAL llCloseUserLevel
    login.cmdOK::Click()
    Thisform.uRetVal = employee_id + "," +
    Thisform.getuserlevel()

ENDPROC
procedure cmdCancel.Click
    login.cmdCancel::Click()
    Thisform.uRetVal = ""

ENDPROC
Enabled = .f.
Height = 21
Left = 245
TabIndex = 3
Top = 120
Width = 175
Name = "txtTitle"
Top = 10
Left = 25
Height = 171
Width = 201
TabIndex = 7
Sizable = .T.
Enabled = .f.
TabStop = .f.
Name = "olePhoto"
BackColor = 192,192,192
ForeColor = 128,128,128
Height = 80
Left = 25
ReadOnly = .T.
TabIndex = 8
Top = 191
Width = 396
Name = "edtDescription"
Enabled = .f.
Height = 21
Left = 315
TabIndex = 3
Top = 75
Width = 104
Name = "txtDispPswd"
Caption = "Hint"
Left = 230
Top = 75
TabIndex = 4
Name = "Tslabel1"
Alignment = 0
Caption = "Title"
Height = 16
Left = 245
Top = 100
Width = 77
TabIndex = 5
Name = "Tslabel2"
Alignment = 0
Caption = "User Level"
Height = 16
Left = 245
Top = 145
Width = 77
TabIndex = 6

```

```

Name = "Tslabel3"
Enabled = .f.
Height = 22
Left = 245
TabIndex = 4
Top = 160
Width = 176
Name = "txtUserLevel"
Arial, 1, 8, 5, 14, 11, 13, 3, 0
Arial, 0, 8, 5, 14, 11, 13, 3, 0

*****

1.109 INCLUDE\MAIN.VCX

Height = 31
Width = 81
cuserlevel =
employeeid =
cdatabase = data\TASTRADE
Name = "tstrade"
procedure getstartupaction
    *-- Returns the action to take based on the
    user level
    *-- The action is just a Visual FoxPro
    command stored as a character
    *-- string in the startup_action field of the
    user_level
    *-- table.
    LOCAL lnOldArea, ;
        lcAction, ;
        llCloseWhenDone

    lnOldArea = SELECT()

    IF !used("user_level")
        use user_level IN 0
        llCloseWhenDone = .T.
    ENDIF

    SELECT user_level
    lcAction = LOOKUP(startup_action, ;
        UPPER(this.cuserlevel), ;
        description, ;
        "DESCRIPTIO")

    IF llCloseWhenDone
        use IN user_level
    ENDIF

    SELECT (lnOldArea)

    RETURN lcAction

ENDPROC
procedure getuserlevel
    RETURN this.cuserlevel
ENDPROC
procedure getemployeeid
    RETURN this.cemployeeid
ENDPROC
procedure login
    LOCAL lcEmployeeID, ;
        lcUserLevel

    *-- Save the current values of these vars in
    case user is logging in
    *-- again but decides to cancel
    lcEmployeeID = this.cemployeeid
    lcUserLevel = this.cuserlevel
    lcLoginString =
    this.DoFormRetVal("loginpicture")

    this.cemployeeid = Left(lcLoginString,
    AT(", ", lcLoginString) - 1)
    this.cuserlevel = SUBSTR(lcLoginString,
    AT(", ", lcLoginString) + 1)

```

```

IF empty(this.cuserlevel)
    this.cemployeeid = lcEmployeeID
    this.cuserlevel = lcUserLevel
ENDIF

*-- The user level is what determines if the
user successfully logged
*-- in or not, and determines what menu
pads are shown.
RETURN !empty(this.cuserlevel)

ENDPROC
procedure do
    LOCAL lcAction

    *-- Put up main menu
do (this.cMainMenu)

IF !DEBUGMODE
    lcAction = this.getstartupaction()
    IF !empty(lcAction)
        &lcAction
    ENDIF
ENDIF

*-- Start the event loop
READ events

ENDPROC
procedure Init
    *-- (c) Microsoft Corporation 1995

    LOCAL llRetVal, ;
        lnRetVal, ;
        lcUserLevel, ;
        lcBuffer, ;
        llShowIntro, ;
        lcLoginString

    *-- Set the caption
    this.cMainWindCaption =
    TASTRADE_LOC

    *-- Initialize the base class
    llRetVal = Application::Init()
    IF llRetVal
        *-- Put up intro form
        lcBuffer = " " + CHR(0)
        llShowIntro = .T.
        IF GetPrivStr("Defaults",
        "ShowIntroForm", "", @lcBuffer,
        LEN(lcBuffer), CURDIR() + INIFILE) > 0
            llShowIntro = (VAL(lcBuffer) = 1)
        ENDIF
        lnRetVal = IIF(llShowIntro,
        this.DoFormRetVal("introform"), 1)
        do CASE
            CASE lnRetVal = 1    && Continue

            IF !DEBUGMODE
                llRetVal = this.login()
            ELSE
                this.cemployeeid = ""
                this.cuserlevel = "APPLICATIONS
                DEVELOPER"
            ENDIF

            CASE lnRetVal = 2    && Exit
                llRetVal = .f.

        ENDCASE
    ENDIF

```

```

IF !IIRetVal
  this.CleanUp()
ENDIF

RETURN IIRetVal

ENDPROC

*****

1.110 INCLUDE\ORDERS.VCX

Height = 22
TabIndex = 1
Width = 100
ldynamicenable = .T.
Name = "ordtextbox"
procedure Refresh
  IF this.ldynamicenable
    this.Enabled = Thisform.lallowedits
  ENDIF

ENDPROC

procedure Init
  tsTextBox::Init()
  *-- Disable all text boxes if we are running
  the Order History
  *-- form and the text box isn't already
  disabled.
  IF this.Enabled
    this.Enabled = !("HISTORY" $
UPPER(Thisform.Name))
  IF !this.Enabled
    *-- If this is Order History, prevent
    text boxes
    *-- from changing the Enabled
    property
    this.ldynamicenable = .f.
  ENDIF
ENDIF

ENDPROC
Arial, 0, 8, 5, 14, 11, 20, 3, 0
ScaleMode = 3
Height = 367
Width = 620
DoCreate = .T.
Caption = "Order Entry"
Name = "orderentry"
procedure refreshcustomerinfo
  *-- Update customer information
  IF
!empty(Thisform.cboCustomer_ID.Value)
    Thisform.txtShip_To_Name.Value =
customer.company_name
    Thisform.txtShip_To_Address.Value =
customer.address
    Thisform.txtShip_To_City.Value =
customer.city
    Thisform.txtShip_To_Region.Value =
customer.region

Thisform.txtShip_To_Postal_Code.Value =
customer.postal_code
    Thisform.txtCountry.Value =
customer.country
    Thisform.txtDiscountPerc.Value =
customer.discount
  ELSE
    *-- If there is no customer selected,
    blank out the customer
    *-- information
    Thisform.txtShip_To_Name.Value = ""
    Thisform.txtShip_To_Address.Value =
""
    Thisform.txtShip_To_City.Value = ""
    Thisform.txtShip_To_Region.Value = ""

```

```

Thisform.txtShip_To_Postal_Code.Value =
""
    Thisform.txtCountry.Value = ""
    Thisform.txtDiscountPerc.Value = 0
  ENDIF

ENDPROC
procedure moveoffgrid
  *-- To prevent the SumColumn method of
  grdLineItems from being called
  *-- twice, once from the Refresh() method,
  and once from the BeforeRowColChange
  *-- method, we set focus away from the
  grid
  IF TYPE("this.ActiveControl") == "O" and
;
UPPER(this.ActiveControl.BaseClass) =
"GRID"
  Thisform.cmdFocusControl.SetFocus()
ENDIF

ENDPROC
procedure restorewindowpos
  *-- Since the caption and name properties
  of
  *-- the Order History form are dynamic, we
  specify
  *-- the name of the entry to make in the INI
  file.
  IF "HISTORY" $ UPPER(Thisform.Name)
    tsBaseForm::restorewindowpos("Order
History")
  ELSE
    tsBaseForm::restorewindowpos()
  ENDIF

ENDPROC
procedure savewindowpos
  *-- Since the caption and name properties
  of
  *-- the Order History form are dynamic, we
  specify
  *-- the name of the entry to make in the INI
  file.
  IF "HISTORY" $ UPPER(Thisform.Name)
    tsBaseForm::savewindowpos("Order
History")
  ELSE
    tsBaseForm::savewindowpos()
  ENDIF

ENDPROC
procedure prior
  Thisform.moveoffgrid()
  RETURN tsBaseForm::prior()

ENDPROC
procedure last
  Thisform.moveoffgrid()
  RETURN tsBaseForm::last()

ENDPROC
procedure first
  Thisform.moveoffgrid()
  RETURN tsBaseForm::first()

ENDPROC
procedure next
  Thisform.moveoffgrid()
  RETURN tsBaseForm::next()

ENDPROC
procedure save
  *-- (c) Microsoft Corporation 1995

```

```

LOCAL IError, ;
  laError[AERRORARRAY]

Thisform.moveoffgrid()
IF Thisform.WriteBuffer()
  BEGIN TRANSACTION
  IError = (TXNLEVEL() = 0)
  IF !IError
    SELECT orders
    *-- If no data has changed in the
    orders table, the table
    *-- rule will not fire unless we force it.
    IF GETFLDSTATE(-1) =
  REPLICATE("1", FCOUNT() + 1)
    =SETFLDSTATE(2, 2)
  ENDIF
  IError = !TableUpdate()
  IF !IError
    SELECT order_line_items
    IError = !TableUpdate(.T.)
  ENDIF

  IF !IError
    END TRANSACTION
  ELSE
    Thisform.LockScreen = .T.
    ROLLBACK
    Thisform.grdLineItems.Refresh()
    Thisform.LockScreen = .f.
    =AERROR(laError)
    Thisform.Error(laError[1], ;
    laError[2], ;
    0)
  ENDIF
ENDIF

SELECT orders
Thisform.refreshform()

RETURN !IError
ENDPROC
procedure addnew
  IF Alias() <> "ORDERS"
    SELECT orders
  ENDIF

  Thisform.lallowedits = .T.
  Thisform.lallowdelete = .T.
  *-- Refresh the toolbar
  IF TYPE("oApp") == "O"
    oApp.oToolbar.Refresh()
  ENDIF
  IF tsBaseForm::addnew()
    *-- Add a blank record to the grid so the
    user can tab into it
    INSERT INTO order_line_items ;
      (order_id) ;
      VALUES ;
      (orders.order_id)
    Thisform.grdLineItems.Refresh()
    Thisform.cboCustomer_ID.SetFocus()
  ENDIF

ENDPROC
procedure restore
  Thisform.moveoffgrid()
  =tablerevert(.T., "Order_Line_Items")
  =tablerevert(.f., "Orders")

  IF EOF("orders") and !BOF("orders")
    SKIP -1 IN orders
  ENDIF

  Thisform.refreshform()

```

```

ENDPROC
procedure DELETE
  Thisform.moveoffgrid()
  IF Alias() <> "ORDERS"
    SELECT orders
  ENDIF

  tsBaseForm::DELETE()
ENDPROC
procedure datachanged
  LOCAL lRetVal

  SELECT orders
  lRetVal = tsBaseForm::datachanged()
  IF !lRetVal
    *-- Check if any line items have changed
    lRetVal = (GETNEXTMODIFIED(0,
"order_line_items") <> 0)
  ENDIF

  RETURN lRetVal
ENDPROC
Top = 165
Left = 506
Height = 36
Width = 100
Caption = "Focus Control"
TabIndex = 18
ZOrderSet = 0
Name = "cmdFocusControl"
procedure GotFocus
  *-- If user is tabbing around the form ,
don't stop here!
  IF Thisform.cboCustomer_ID.Enabled
    Thisform.cboCustomer_ID.SetFocus()
  ELSE
    IF Thisform.txtShip_To_Name.Enabled

Thisform.txtShip_To_Name.SetFocus()
  ENDIF
  ENDIF
ENDPROC
procedure Init
  *-- Move control out of site
  this.Left = Thisform.Width + 10
ENDPROC
procedure Refresh
  *-- As user is scrolling through the orders,
if
  *-- an order is displayed that is editable, we
need
  *-- to shift the focus
  this.GotFocus()
ENDPROC
Height = 91
Left = 435
Top = 70
Width = 170
ZOrderSet = 1
Name = "Ts3dshape1"
Alignment = 1
ControlSource = "orders.deliver_by"
Height = 22
Left = 530
TabIndex = 12
Top = 130
Width = 69
ZOrderSet = 2
Name = "txtDeliver_By"
procedure Valid
  *-- The deliver by date must be today or
later
  IF this.Value < date()
=MESSAGEBOX(TODAYORLATER_LOC
, ;
  MB_ICONEXCLAMATION, ;
  TASTRADE_LOC)
  this.Value = date()
  this.Refresh()
  RETURN .f.
ENDIF
ENDPROC
procedure Refresh
  textbox::Refresh()
  IF !("HISTORY" $
UPPER(Thisform.Name))
  IF "3" $ GETFLDSTATE(-1) OR "4" $
GETFLDSTATE(-1)
    Thisform.lallowedits = .T.
  ELSE
    Thisform.lallowedits = this.Value >
date()
    Thisform.lalloweddelete =
Thisform.lallowedits
  ENDIF
  ENDIF
  ordtextbox::Refresh()
ENDPROC
Height = 125
Left = 12
Top = 36
Width = 399
ZOrderSet = 3
Name = "Ts3dshape2"
Caption = "\<Customer"
Left = 16
Top = 10
TabIndex = 1
ZOrderSet = 4
Name = "lblCustomer"
Caption = "Ship To"
Left = 16
Top = 40
TabIndex = 16
ZOrderSet = 5
Name = "Tslabel2"
Caption = "Address"
Left = 16
Top = 71
TabIndex = 17
ZOrderSet = 6
Name = "Tslabel3"
Alignment = 1
Caption = "Order #"
Left = 445
Top = 10
TabIndex = 22
ZOrderSet = 7
Name = "Tslabel5"
Alignment = 1
Caption = "Order Date"
Left = 444
Top = 35
TabIndex = 25
ZOrderSet = 8
Name = "Tslabel6"
Alignment = 0
Caption = "\<Delivery Information"
Height = 22
Left = 445
Top = 75
Width = 156
TabIndex = 9
ZOrderSet = 9
Name = "lblDeliveryInfo"
ControlSource = "orders.ship_to_name"
Height = 24
Left = 100
TabIndex = 3
Top = 40
Width = 306
ZOrderSet = 10
Name = "txtShip_To_Name"
ControlSource = "orders.ship_to_address"
Height = 24
Left = 100
TabIndex = 4
Top = 71
Width = 306
ZOrderSet = 11
Name = "txtShip_To_Address"
ControlSource = "orders.ship_to_city"
Left = 100
TabIndex = 5
Top = 102
ZOrderSet = 12
Name = "txtShip_To_City"
Alignment = 1
ControlSource = "orders.order_number"
Enabled = .f.
Height = 22
Left = 530
TabIndex = 29
Top = 10
Width = 69
ZOrderSet = 13
ldynamicenable = .f.
Name = "txtOrder_Number"
Alignment = 1
ControlSource = "orders.order_date"
Enabled = .f.
Height = 22
Left = 530
TabIndex = 30
Top = 35
Width = 69
ZOrderSet = 14
ldynamicenable = .f.
Name = "txtOrder_Date"
BoundColumn = 2
RowSourceType = 3
RowSource = "select company_name,
shipper_id from shippers order by
company_name into cursor cShipperList"
ControlSource = "Orders.shipper_id"
Height = 21
Left = 445
Style = 2
TabIndex = 10
Top = 95
Width = 156
ZOrderSet = 15
Name = "cboShipper_ID"
procedure Destroy
  IF used("cShipperList")
    use IN cShipperList
  ENDIF
ENDPROC
procedure Refresh
  this.Enabled = Thisform.lallowedits

ENDPROC
Caption = "City"
Left = 16
Top = 102
TabIndex = 11
ZOrderSet = 16
Name = "Tslabel8"
Caption = "Region"
Left = 17
Top = 134
TabIndex = 13
ZOrderSet = 17
Name = "Tslabel9"

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Caption = "Postal Code"
Height = 22
Left = 204
Top = 102
Width = 98
TabIndex = 14
ZOrderSet = 18
Name = "Tslabel10"
Caption = "Country"
Height = 22
Left = 204
Top = 134
Width = 97
TabIndex = 19
ZOrderSet = 19
Name = "Tslabel11"
ControlSource = "orders.ship_to_region"
Left = 100
TabIndex = 6
Top = 134
ZOrderSet = 20
Name = "txtShip_To_Region"
ControlSource =
"orders.ship_to_postal_code"
Left = 306
TabIndex = 7
Top = 102
ZOrderSet = 21
Name = "txtShip_To_Postal_Code"
ControlSource = "orders.ship_to_country"
Left = 306
TabIndex = 8
Top = 134
ZOrderSet = 22
Name = "txtCountry"
Alignment = 1
Value = 0.00
Enabled = .f.
Left = 505
TabIndex = 32
Top = 260
ZOrderSet = 24
ldynamicenable = .f.
Name = "txtSubTotal"
procedure ProgrammaticChange
*-- Calculate discount
IF Thisform.txtDiscountPerc.Value > 0
    Thisform.txtDiscount.Value = ;
    Thisform.txtSubTotal.Value * ;
    (Thisform.txtDiscountPerc.Value /
100)
ELSE
    Thisform.txtDiscount.Value = 0
ENDIF
ENDPROC
Alignment = 1
Value = 0.00
Enabled = .f.
Left = 505
TabIndex = 33
Top = 285
ZOrderSet = 25
ldynamicenable = .f.
Name = "txtDiscount"
procedure ProgrammaticChange
*-- Calculate the total order amount
Thisform.txtTotal.Value = ;
    Thisform.txtSubTotal.Value - ;
    this.Value + ;
    Thisform.txtFreight.Value
ENDPROC
Alignment = 1
Value = 0.00
Enabled = .f.
Left = 505
TabIndex = 34
Top = 335
ZOrderSet = 26
ldynamicenable = .f.
Name = "txtTotal"
Alignment = 1
Value = 0.00
ControlSource = "orders.freight"
Left = 505
TabIndex = 23
Top = 310
ZOrderSet = 27
Name = "txtFreight"
procedure ProgrammaticChange
*-- Calculate the total order amount
Thisform.txtTotal.Value = ;
    Thisform.txtSubTotal.Value - ;
    Thisform.txtDiscount.Value + ;
    this.Value
ENDPROC
procedure LostFocus
*-- Force the totals to be updated
    this.ProgrammaticChange()
ENDPROC
Caption = "Item Subtotal"
Left = 420
Top = 260
TabIndex = 26
ZOrderSet = 28
Name = "Tslabel13"
Caption = "% Discount"
Left = 420
Top = 285
TabIndex = 27
ZOrderSet = 29
Name = "Tslabel14"
Caption = "Freight"
Left = 420
Top = 310
TabIndex = 28
ZOrderSet = 30
Name = "Tslabel15"
Caption = "Invoice Total"
Left = 420
Top = 335
TabIndex = 31
ZOrderSet = 31
Name = "Tslabel16"
Alignment = 1
Value = 0.00
ControlSource = "orders.discount"
Height = 22
InputMask = "99"
Left = 405
TabIndex = 20
Top = 280
Width = 29
ZOrderSet = 32
Name = "txtDiscountPerc"
procedure ProgrammaticChange
*-- Calculate the discount value based on
discount percent
LOCAL lnTemp
IF this.Value > 0
    lnTemp = ;
        Thisform.txtSubTotal.Value * ;
        (this.Value / 100)
    Thisform.txtDiscount.Value = lnTemp
ELSE
    Thisform.txtDiscount.Value = 0
ENDIF
ENDPROC
procedure LostFocus
*-- Force the totals to be updated
    this.ProgrammaticChange()
ENDPROC
Height = 81
Left = 15
TabIndex = 15
Top = 275
Width = 246
ZOrderSet = 33
Name = "edtNotes"
procedure Refresh
    this.Enabled = Thisform.lallowedits
ENDPROC
Caption = "Due By"
Left = 445
Top = 130
TabIndex = 24
ZOrderSet = 35
Name = "Tslabel4"
Alignment = 0
Caption = "Notes"
Height = 14
Left = 15
Top = 260
Width = 81
TabIndex = 21
ZOrderSet = 34
Name = "Tslabel12"
Arial, 1, 8, 5, 14, 11, 14, 3, 0
Arial, 1, 10, 6, 16, 13, 16, 3, 0
Arial, 0, 8, 5, 14, 11, 20, 3, 0
*****
1.111 INCLUDE\TSBASE.VCX
BackStyle = 0
Height = 73
Width = 234
SpecialEffect = 0
Name = "ts3dshape"
procedure Init
*-- (c) Microsoft Corporation 1995
ENDPROC
Height = 15
Width = 148
FontSize = 8
BackStyle = 0
Caption = "Check1"
Name = "tscheckbox"
procedure Init
*-- (c) Microsoft Corporation 1995
ENDPROC
Arial, 1, 8, 5, 14, 11, 13, 3, 0
Height = 26
Width = 76
FontSize = 8
Caption = "Command1"
TabIndex = 1
Name = "tscommandbutton"
procedure Init
*-- (c) Microsoft Corporation 1995
ENDPROC
Arial, 1, 8, 5, 14, 11, 13, 3, 0
FontSize = 8
Alignment = 1
BackStyle = 0
Caption = "Label1"
Comment = ""
Height = 22
Width = 77
TabIndex = 1
Name = "tslabel"
procedure Init

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*-- (c) Microsoft Corporation 1995

ENDPROC
Arial, 1, 8, 5, 14, 11, 13, 3, 0
ButtonCount = 2
BackStyle = 0
Value = 1
Height = 48
Width = 85
Name = "tsoptiongroup"
Option1.FontSize = 8
Option1.BackStyle = 0
Option1.Caption = "Option1"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 75
Option1.Name = "Option1"
Option2.FontSize = 8
Option2.BackStyle = 0
Option2.Caption = "Option2"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 25
Option2.Width = 75
Option2.Name = "Option2"
procedure Init
*-- (c) Microsoft Corporation 1995

ENDPROC
Arial, 1, 8, 5, 14, 11, 13, 3, 0
DoCreate = .T.
AutoCenter = .T.
BackColor = 192,192,192
BorderStyle = 2
Caption = "Form1"
ControlBox = .f.
FontSize = 8
MaxButton = .f.
MinButton = .f.
WindowType = 1
Comment = "(c) Microsoft Corporation 1995"
uRetVal = .T.
Name = "tsformretval"
procedure Unload
set MESSAGE to
ENDPROC
procedure Activate
*-- Force the menu to refresh
Activate MENU _MSYSMENU NOWAIT

set MESSAGE to Thisform.Caption
ENDPROC
Arial, 1, 8, 5, 14, 11, 13, 3, 0
FontBold = .f.
FontSize = 8
Height = 24
TabIndex = 1
Width = 200
DisabledBackColor = 192,192,192
Name = "tscombobox"
procedure Init
*-- (c) Microsoft Corporation 1995

ENDPROC
Arial, 0, 8, 5, 14, 11, 13, 3, 0
FontBold = .f.
FontSize = 8
TabIndex = 1
DisabledBackColor = 192,192,192
Name = "tseditbox"
procedure Init
*-- (c) Microsoft Corporation 1995

ENDPROC
Arial, 0, 8, 5, 14, 11, 13, 3, 0
FontBold = .f.
FontSize = 8
Height = 104
Width = 125
DisabledBackColor = 192,192,192
Name = "tstlistbox"
procedure Init
*-- (c) Microsoft Corporation 1995

ENDPROC
Arial, 0, 8, 5, 14, 11, 13, 3, 0
FontBold = .f.
FontSize = 8
Format = "K"
Height = 22
InputMask = ""
TabIndex = 1
Width = 100
DisabledForeColor = 128,128,128
DisabledBackColor = 192,192,192
Name = "tsttextbox"
procedure Init
*-- (c) Microsoft Corporation 1995

IF TYPE(this.ControlSource) = "C"
this.InputMask = REPLICATE("X", ;
FSIZE(SUBSTR(this.ControlSource,
AT(".", this.ControlSource) + 1)))
ENDIF
ENDPROC
Arial, 0, 8, 5, 14, 11, 13, 3, 0
DataSession = 2
ScaleMode = 3
Top = 54
Left = 25
Height = 341
Width = 578
DoCreate = .T.
BufferMode = 0
AutoCenter = .f.
BorderStyle = 3
Caption = "Form 1"
MaxButton = .T.
MinHeight = 200
MinWidth = 400
WindowType = 1
lallowedits = .f.
ctoolbar =
lallownew = .f.
lallowdelete = .f.
Name = "tstextform"
procedure QueryUnload
*-- Override tsbaseform default
ENDPROC
procedure Resize
*-- (c) Microsoft Corporation 1995

*-- Dynamically size all controls on the
form based on
*-- the form's dimensions
Thisform.LockScreen = .T.
Thisform.edtText.Width = Thisform.Width
Thisform.edtText.Height =
Thisform.Height - 54
Thisform.cmdClose.Left =
INT(Thisform.Width / 4)
Thisform.cmdPrint.Left =
INT(Thisform.Width / 1.75)
Thisform.cmdClose.Top =
Thisform.Height - 42
Thisform.cmdPrint.Top =
Thisform.cmdClose.Top
Thisform.LockScreen = .f.
ENDPROC

Height = 288
Left = 0
ReadOnly = .T.
TabIndex = 1
Top = 0
Width = 578
ControlSource = ""
Name = "edtText"
Top = 300
Left = 145
Height = 31
Width = 111
cancel = .T.
Caption = "\<Close"
TabIndex = 2
Name = "cmdClose"
procedure Click
release Thisform
ENDPROC
Top = 300
Left = 330
Height = 31
Width = 111
Caption = "\<Print"
TabIndex = 3
Name = "cmdPrint"
Arial, 1, 8, 5, 14, 11, 14, 3, 0
Arial, 0, 8, 5, 14, 11, 20, 3, 0
Caption = "Navigation Tools"
Height = 28
Left = 6
Top = 6
Width = 218
ControlBox = .f.
Name = "tstoolbar"
procedure oktosend
RETURN (FormsObject() and ;
TYPE("_screen.ActiveForm.cToolBar")
<> "U" and ;
!empty(_screen.Activeform.ctoolbar))

ENDPROC
procedure savewindowpos
LOCAL lcValue

IF this.Docked
lcValue =
ALLT(STR(this.DockPosition))
ELSE
lcValue = ALLT(STR(Thisform.Top)) +
',' + ;
ALLT(STR(Thisform.Left))
ENDIF
=WritePrivStr("WindowPositions",
this.Caption, ;
lcValue, CURDIR() + INIFILE)

ENDPROC
procedure restorewindowpos
LOCAL lcBuffer, ;
lcOldError, ;
lnTop, ;
lnLeft, ;
lnError, ;
lnCommaPos, ;
lnDockPosition

lcBuffer = space(10) + CHR(0)
lcOldError = on('ERROR')
lnDockPosition = 0

*-- Write toolbar position to INI file
IF GetPrivStr("WindowPositions",
this.Caption, "", ;
@lcBuffer, LEN(lcBuffer), ;
CURDIR() + INIFILE) > 0

```

```

    *-- If an error occurs while parsing the
string,
    *-- just ignore the string and use the
form's
    *-- defaults
    on Error !!Error = .T.
    lnCommaPos = AT(",", lcBuffer)
    IF lnCommaPos > 0
        lnTop = VAL(Left(lcBuffer,
lnCommaPos - 1))
        lnLeft = VAL(SUBSTR(lcBuffer,
lnCommaPos + 1))
    ELSE
        lnDockPosition = VAL(lcBuffer)
    ENDIF
    on Error &lcOldError
    IF !!Error
        *-- If position contains a comma, then
set the
        *-- appropriate properties, otherwise
call
        *-- the Dock method.
        IF lnCommaPos > 0
            this.Top = lnTop
            this.Left = lnLeft
        ELSE
            this.Dock(lnDockPosition)
        ENDIF
    ENDIF
    ELSE
        RETURN .f.
    ENDIF
ENDIFPROC
procedure Init
    *-- (c) Microsoft Corporation 1995

    *-- Restore the toolbar's position
    IF !this.restorewindowpos()
        *-- Default is to dock toolbar at top
        this.Dock(TOOL_TOP)
    ENDIF
ENDIFPROC
procedure Destroy
    *-- Save the toolbar's position
    this.savewindowpos()
    *-- Make the toolbar disappear faster
    this.Visible = .f.
ENDIFPROC
procedure Refresh
    LPARAMETERS tcCondition
    LOCAL !!BOF, ;
    !!EOF, ;
    !!AllowEdits, ;
    !!AllowNew

    IF parameters() = 0
        tcCondition = ""
    ENDIF

    !!BOF = BOF() OR (tcCondition = "BOF")
    !!EOF = EOF() OR (tcCondition = "EOF")

    *-- Update navigation buttons
    this.cmdFirst.Enabled = !!BOF
    this.cmdPrior.Enabled = !!BOF
    this.cmdNext.Enabled = !!EOF
    this.cmdLast.Enabled = !!EOF

    *-- Update New, Save, Restore, and Close
buttons
    IF FormIsObject()
        IF
            TYPE("_screen.Activeform.lAllowEdits") <>
"U"
                !!AllowEdits =
                _screen.Activeform.lallowedits
                !!AllowNew =
                _screen.Activeform.lallownew
                this.cmdNew.Enabled = !!AllowNew
                this.cmdSave.Enabled = !!AllowEdits
                this.cmdRestore.Enabled =
                !!AllowEdits
            ENDIF
            this.cmdClose.Enabled =
            _screen.Activeform.Closable
        ENDIF
        RETURN

        *-- Chart to help determine enabled
property
        *-- of navigation buttons based on !!BOF
and !!EOF
        *-- values.
        *   FIRST PREV NEXT LAST
        * EOF, BOF .F. .F. .F. .F.
        * EOF, !BOF .T. .T. .F. .F.
    ENDPROC
    Top = 4
    Left = 6
    Height = 22
    Width = 22
    Picture = ..\bitmaps\frsrec_s.bmp
    Caption = ""
    default = .f.
    TabIndex = 1
    ToolTipText = "First (Ctrl+Home)"
    Name = "cmdFirst"
    procedure Click
        LOCAL lnResult
        lnResult = _screen.Activeform.first()
        do CASE
        CASE lnResult = FILE_BOF
            this.Parent.Refresh("BOF")
        ENDCASE
    ENDPROC
    Top = 4
    Left = 27
    Height = 22
    Width = 22
    Picture = ..\bitmaps\prvrec_s.bmp
    Caption = ""
    default = .f.
    TabIndex = 2
    ToolTipText = "Prior (Ctrl+Page Up)"
    Name = "cmdPrior"
    procedure Click
        LOCAL lnResult
        lnResult = _screen.Activeform.prior()
        do CASE
        CASE lnResult = FILE_BOF
            this.Parent.Refresh("BOF")
        CASE lnResult = FILE_OK
            this.Parent.Refresh()
        ENDCASE
    ENDPROC
    Top = 4
    Left = 48
    Height = 22
    Width = 22
    Picture = ..\bitmaps\nxtrec_s.bmp
    Caption = ""
    default = .f.
    TabIndex = 3
    ToolTipText = "Next (Ctrl+Page Down)"
    Name = "cmdNext"
    procedure Click
        LOCAL lnResult
        lnResult = _screen.Activeform.next()
        do CASE
        CASE lnResult = FILE_EOF
            this.Parent.Refresh("EOF")
        CASE lnResult = FILE_OK
            this.Parent.Refresh()
        ENDCASE
    ENDPROC
    Top = 4
    Left = 69
    Height = 22
    Width = 22
    Picture = ..\bitmaps\lstrec_s.bmp
    Caption = ""
    default = .f.
    TabIndex = 4
    ToolTipText = "Last (Ctrl+End)"
    Name = "cmdLast"
    procedure Click
        LOCAL lnResult
        lnResult = _screen.Activeform.last()
        do CASE
        CASE lnResult = FILE_EOF
            this.Parent.Refresh("EOF")
        ENDCASE
    ENDPROC
    Top = 4
    Left = 96
    Height = 0
    Width = 0
    Name = "Separator1"
    Top = 4
    Left = 96
    Height = 22
    Width = 22
    Picture = ..\bitmaps\new.bmp
    Caption = ""
    default = .f.
    TabIndex = 5
    ToolTipText = "New (Ctrl+N)"
    Name = "cmdNew"
    procedure Click
        _screen.Activeform.addnew()
    ENDPROC
    Top = 4
    Left = 117
    Height = 22
    Width = 22
    Picture = ..\bitmaps\save.bmp
    Caption = ""
    default = .f.
    TabIndex = 6
    ToolTipText = "Save (Ctrl+S)"
    Name = "cmdSave"
    procedure Click
        _screen.Activeform.save()
    ENDPROC
    Top = 4
    Left = 138

```



```

Height = 22
Width = 22
Picture = ..\bitmaps\undo.bmp
Caption = ""
default = .f.
TabIndex = 7
ToolTipText = "Restore (Ctrl+E)"
Name = "cmdRestore"
procedure Click
    _screen.Activeform.restore()

```

```

ENDPROC
Top = 4
Left = 165
Height = 0
Width = 0
Name = "Separator3"
Top = 4
Left = 165
Height = 22
Width = 22
Picture = ..\bitmaps\close.bmp
Caption = ""
default = .f.
ToolTipText = "Close (Ctrl+F4)"
Name = "cmdClose"
procedure Click
    IF _screen.Activeform.QueryUnload()
        IF FormIsObject()
            _screen.Activeform.release()
        ENDIF
    ENDIF

```

```

ENDPROC
Top = 4
Left = 192
Height = 1
Width = 1
Name = "separator2"
Top = 4
Left = 192
Height = 22
Width = 22
Picture = ..\bitmaps\bhind_s.bmp
Caption = ""
default = .f.
TabIndex = 8
ToolTipText = "Behind The Scenes"
Name = "cmdBehindSC"
procedure Click
    oApp.DoForm("behindsc")
ENDPROC
Arial, 1, 10, 6, 16, 13, 16, 3, 0
Height = 27
Width = 26
Caption = " "
TabIndex = 1
Name = "tstoolbarbutton"
procedure MouseUp
    LPARAMETERS nButton, nShift,
    nXCoord, nYCoord
    *-- If ICancelClick property is .T., issue a
    NODEFAULT
    *-- to prevent button from being visually
    pushed.
    IF this.ICancelClick
        this.ICancelClick = .f.
    NODEFAULT
    ENDIF
ENDPROC
procedure MouseDown
    *-- (c) Microsoft Corporation 1995

```

```

LPARAMETERS nButton, nShift,
nXCoord, nYCoord
this.ICancelClick = .f.
IF !this.Parent.oktosend()
    *-- Set ICancelClick to .T. to prevent
    button from being pushed
    this.ICancelClick = .T.
    ?? CHR(7)
    NODEFAULT
ENDIF
ENDPROC
Arial, 1, 10, 6, 16, 13, 16, 3, 0
FontBold = .f.
FontSize = 8
DeleteMark = .f.
Highlight = .f.
RecordMark = .f.
RecordSource = ""
RecordSource = ""
RowHeight = 17
TabIndex = 1
Width = 319
ncolumnsum = 0
cfieldtosum =
Name = "tsgrid"
procedure sumcolumn
    *-- (c) Microsoft Corporation 1995

    *-- This method is used to sum a column in
    the grid and
    *-- store the result to a custom property.
    Currently this
    *-- works for only one column at a time.

    IF empty(this.cfieldtosum)
        RETURN
    ENDIF

    LOCAL InOldArea, ;
        InOldRecNo, ;
        luKey, ;
        lcFieldToSum, ;
        lcOrder

    InOldArea = SELECT()
    this.ncolumnsum = 0
    lcFieldToSum = ""

    IF empty(this.RecordSource)
        RETURN
    ENDIF

    *-- Select the alias specified in the grid's
    RecordSource property
    SELECT (this.RecordSource)

    lcOrder = Order()
    *-- Use the string returned by ORDER() as
    the parameter
    *-- to the EVAL() function to retrieve the
    value of the
    *-- current ID, which we use later to
    SEEK() into the table.
    luKey = IIF(!empty(lcOrder),
    EVAL(lcOrder), "")
    InOldRecNo = IIF(EOF(), 0, RECNO())
    lcFieldToSum = this.cfieldtosum

    *-- Total up the column and store the result
    *-- in the nColumnSum property
    IF !empty(lcOrder) and SEEK(luKey)
        sum &lcFieldToSum, ;
        while luKey = EVAL(lcOrder) ;
            to this.ncolumnsum
    ELSE

```

```

IF
CURSORGETPROP("SOURCETYPE") =
DB_SRCLOCALVIEW OR ;

CURSORGETPROP("SOURCETYPE") =
DB_SRCREMOVEDVIEW
    *-- Grid is bound to a view
    sum &lcFieldToSum, ;
    to this.ncolumnsum
ENDIF
ENDIF

IF InOldRecNo <> 0
    GO InOldRecNo
ENDIF

SELECT (InOldArea)

ENDPROC
procedure Refresh
    *-- Recalc column totals each time grid is
    refreshed
    this.sumcolumn()
ENDPROC
Arial, 0, 8, 5, 14, 11, 20, 3, 0
ScaleMode = 3
DoCreate = .T.
Name = "tsmaintform"
procedure addnew
    *-- (c) Microsoft Corporation 1995

    *-- Autoselect the data entry page
    Thisform.Pageframe1.ActivePage = 1
    tsBaseForm::addnew()

ENDPROC
ErasePage = .T.
PageCount = 2
Top = 0
Left = 0
Width = 577
Height = 301
Name = "pageframe1"
Page1.FontSize = 8
Page1.Caption = "<Data Entry"
Page1.Name = "Page1"
Page2.FontSize = 8
Page2.Caption = "<List"
Page2.Name = "Page2"
procedure Page1.Activate
    *-- Make sure form is updated whenever
    we switch pages. The record
    *-- pointer may have changed while
    another page was active.
    Thisform.refreshform()

ENDPROC
procedure Page2.Init
    *-- Position the grid relative to the page
    this.grdList.Top = 0
    this.grdList.Left = 0

ENDPROC
procedure Page2.Activate
    LOCAL lcAlias
    lcAlias =
    Thisform.Dataenvironment.InitialSelectedAli
    as
    IF !empty(lcAlias)
        SELECT (lcAlias)
    ENDIF

    *-- Check if any changes were made and
    prompt user to save

```

```

*-- if necessary before changing to List
page
IF Thisform.IsNewAndEmpty()
  Thisform.restore()
ELSE
  IF Thisform.datachanged() and
Thisform.AskToSave() = IDCANCEL
  Thisform.Pageframe1.ActivePage = 1
  RETURN
ENDIF
ENDIF
Thisform.refreshform()
this.grdList.SetFocus()

ENDPROC
Left = 0
ReadOnly = .T.
RecordSource = ""
TabIndex = 1
Top = 0
Name = "grdList"
procedure Init
  *-- Set all grid columns to read only
  this.SETALL("ReadOnly", .T., "Column")

ENDPROC
Arial, 1, 8, 5, 14, 11, 14, 3, 0
Arial, 0, 8, 5, 14, 11, 20, 3, 0
FontBold = .f.
FontSize = 8
RowSourceType = 3
RowSource = ""
DisplayValue =
Value =
Height = 21
IncrementalSearch = .f.
TabIndex = 1
Width = 200
DisabledBackColor = 192,192,192
csearchstring =
calias =
ctag =
cfield =
llimitolist = .T.
Name = "tsifcombo"
procedure InteractiveChange
  LOCAL lcField

  *-- Reset properties
  this.csearchstring = ""
  store 0 to ;
  this.SelStart, ;
  this.SelLength

  *-- Position record pointer in lookup table
  lcField = this.cfield
  =LOOKUP(&lcField, ;
  UPPER(this.DisplayValue), ;
  &lcField, ;
  this.ctag)

ENDPROC
procedure KeyPress
  LPARAMETERS nKeyCode,
nShiftAltCtrl
  LOCAL lnRecNo

  do CASE
  *-- Valid chars include letters, digits,
spaces, and apostrophes
CASE BETWEEN(nKeyCode, 65, 90) OR
BETWEEN(nKeyCode, 97, 122) OR ;
  BETWEEN(nKeyCode, 48, 57) OR ;
  nKeyCode = 32 OR nKeyCode = 39

```

```

*-- Build the internal search string
this.csearchstring = this.csearchstring +
CHR(nKeyCode)
CASE nKeyCode = 127 && Backspace
  IF LEN(this.csearchstring) > 0
    *-- Remove the last character from the
search string
    this.csearchstring =
Left(this.csearchstring,
LEN(this.csearchstring) - 1)
  ENDIF
OTHERWISE
  RETURN
ENDCASE

lnRecNo = RECNO(this.calias)
*-- Cancel the default action. NODEFAULT
is necessary to prevent
*-- two copies of the character from being
displayed in the combo
*-- since we control the DisplayValue
property manually.
NODEFAULT

*-- Do the SEEK()
IF !empty(this.csearchstring)
  =SEEK(UPPER(this.csearchstring),
this.calias, this.ctag)
ENDIF

IF empty(this.csearchstring) OR
EOF(this.calias)
  *-- SEEK() failed
  GO lnRecNo IN (this.calias)
  *-- If entries are permitted that are not in
the list,
  *-- then set the DisplayValue property to
the value of the
  *-- search string. Otherwise, remove the
character just typed
  *-- from the search string.
  IF !this.llimitolist
    this.DisplayValue = this.csearchstring
    this.SelLength = 0
  ELSE
    *-- Do not add char just typed to search
string
    this.csearchstring =
Left(this.csearchstring, ;
LEN(this.csearchstring) - 1)
  ENDIF
ELSE
  *-- SEEK() was successfull, so fill in the
DisplayValue
  this.DisplayValue = EVAL(this.cfield)
  *-- Select entire string
  this.SelLength = LEN(this.DisplayValue)
ENDIF

*-- Position cursor at end of string
this.SelStart = LEN(this.csearchstring)

ENDPROC
procedure LostFocus
  *-- Reset search string and starting position
  this.csearchstring = ""
  this.SelStart = 0
ENDPROC
procedure Init
  *-- (c) Microsoft Corporation 1995

  LOCAL lcRowSource, ;
  lnPosFrom, ;
  lcAlias, ;
  lcTagName

```

```

*-- The primary purpose of the code in this
event method is
*-- to parse the RowSource property for an
alias name and a tag
*-- name.

  lcRowSource = this.RowSource
  lnPosFrom = ATC("FROM",
lcRowSource)

  *-- Get everything after the "FROM"
clause
  lcAlias = ALLT(SUBSTR(lcRowSource,
lnPosFrom + 4))
  *-- Filter out other clauses after "FROM"
  lcAlias = TRIM(Left(lcAlias, AT(" ",
lcAlias)))
  IF ", " $ lcAlias
    *-- We have more than 1 alias
    lcAlias = Left(lcAlias, LEN(lcAlias) - 1)
  ENDIF

  *-- We'll need the alias again later, so we
save it
  *-- to a custom property
  this.calias = lcAlias

  *-- Get a tag name
  *-- If the cTag property is not empty, then
the user has specified
  *-- a tag for us to use for the table order.
  IF !empty(this.ctag)
    lcTagName = alltrim(this.ctag)
  ELSE
    *-- Get everything after the SELECT
clause
    lcTagName =
ALLT(SUBSTR(lcRowSource, AT(" ",
lcRowSource)))
    *-- Filter out all other clauses
    lcTagName = ALLT(Left(lcTagName,
AT(" ", lcTagName)))
    IF ", " $ lcTagName
      *-- We have more than 1 field
      lcTagName = Left(lcTagName,
LEN(lcTagName) - 1)
    ENDIF
  ENDIF

  *-- Exclude the table alias, if any
  IF ", " $ lcTagName
    lcTagName = SUBSTR(lcTagName,
AT(" ", lcTagName) + 1)
  ENDIF

  *-- Save the field name for later use in the
*-- KeyPress event method
  this.cfield = lcAlias + "." + lcTagName

  *-- Limit tag name to 10 characters
  lcTagName = Left(lcTagName, 10)

  *-- Save the tag name for later
  *-- use in the KeyPress event method
  IF empty(this.ctag)
    this.ctag = lcTagName
  ENDIF

  *-- SET('PROCEDURE') should include
Utility.prg
  IF !IsTag(lcTagName, lcAlias)
    wait WINDOW NOWAIT
TAGNOTFOUND_LOC + CHR(13) +
lcTagName
  ENDIF

```

```

ENDPROC
Arial, 0, 8, 5, 14, 11, 20, 3, 0
Height = 300
Width = 578
DoCreate = .T.
BufferMode = 2
AutoCenter = .T.
BackColor = 192,192,192
BorderStyle = 2
Caption = "Form1"
FontSize = 8
MaxButton = .f.
MinButton = .f.
MDIForm = .T.
ctoolbar = ttoolbar
lallowedits = .T.
lallownew = .T.
lallowdelete = .T.
Name = "tsbaseform"
procedure next
*-- Next
LOCAL lnRecNo, ;
lnRetVal

IF !EOF()
*-- If the contents of the current control
could not
*-- be saved, return cancel code
IF !Thisform.WriteBuffer()
RETURN FILE_CANCEL
ENDIF

*-- If adding a new record but nothing
entered yet
IF Thisform.IsNewAndEmpty()
Thisform.restore()
ELSE
*-- If data changed and user cancels,
return cancel code
IF Thisform.datachanged() and
Thisform.AskToSave() = IDCANCEL
RETURN FILE_CANCEL
ENDIF
ENDIF
lnRecNo = RECNO()
SKIP

*-- If we're at EOF, return EOF code
IF EOF()
SKIP -1
RETURN FILE_EOF
ENDIF

*-- If we're still on the same record,
*-- return cancel code
IF lnRecNo = RECNO()
RETURN FILE_CANCEL
ENDIF

*-- If we get this far, all is well
Thisform.refreshform()
RETURN FILE_OK
ELSE
RETURN FILE_EOF
ENDIF
ENDIF
ENDPROC
procedure first
*-- First
LOCAL lnRecNo, ;
lnRetVal

*-- If the contents of the current control
could not
*-- be saved, return cancel code
IF !Thisform.WriteBuffer()
RETURN FILE_CANCEL
ENDIF

*-- If adding a new record but nothing
entered yet
IF Thisform.IsNewAndEmpty()
Thisform.restore()
ELSE
*-- If data changed and user cancels,
return cancel code
IF Thisform.datachanged() and
Thisform.AskToSave() = IDCANCEL
RETURN FILE_CANCEL
ENDIF
ENDIF
lnRecNo = RECNO()
GO BOTTOM

*-- If we're still on the same record,
*-- return cancel code
IF !lnNewAndEmpty and lnRecNo =
RECNO()
RETURN FILE_CANCEL
ENDIF

IF !EOF()
Thisform.refreshform()
ENDIF
ENDIF

IF !Thisform.WriteBuffer()
RETURN FILE_CANCEL
ENDIF

*-- If adding a new record but nothing
entered yet
IF Thisform.IsNewAndEmpty()
Thisform.restore()
ELSE
*-- If data changed and user cancels,
return cancel code
IF Thisform.datachanged() and
Thisform.AskToSave() = IDCANCEL
RETURN FILE_CANCEL
ENDIF
ENDIF
lnRecNo = RECNO()
LOCATE

*-- If we're still on the same record,
*-- return cancel code
IF lnRecNo = RECNO()
RETURN FILE_CANCEL
ENDIF
ENDIF

IF EOF()
RETURN FILE_EOF
ENDIF

Thisform.refreshform()
RETURN FILE_BOF
ENDIF

ENDPROC
procedure last
*-- Last
LOCAL lnRecNo, ;
lnRetVal, ;
lnNewAndEmpty

*-- If the contents of the current control
could not
*-- be saved, return cancel code
IF !Thisform.WriteBuffer()
RETURN FILE_CANCEL
ENDIF

*-- If adding a new record but nothing
entered yet
IF Thisform.IsNewAndEmpty()
Thisform.restore()
lnNewAndEmpty = .T.
ELSE
*-- If data changed and user cancels,
return cancel code
IF Thisform.datachanged() and
Thisform.AskToSave() = IDCANCEL
RETURN FILE_CANCEL
ENDIF
ENDIF
lnRecNo = RECNO()
GO BOTTOM

*-- If we're still on the same record,
*-- return cancel code
IF !lnNewAndEmpty and lnRecNo =
RECNO()
RETURN FILE_CANCEL
ENDIF

IF !EOF()
Thisform.refreshform()
ENDIF
ENDIF

RETURN FILE_EOF
ENDIF

ENDPROC
procedure prior
*-- Prior
LOCAL lnRecNo, ;
lnRetVal

IF !BOF()
*-- If the contents of the current control
could not
*-- be saved, return cancel code
IF !Thisform.WriteBuffer()
RETURN FILE_CANCEL
ENDIF

*-- If adding a new record but nothing
entered yet
IF Thisform.IsNewAndEmpty()
Thisform.restore()
ELSE
*-- If data changed and user cancels,
return cancel code
IF Thisform.datachanged() and
Thisform.AskToSave() = IDCANCEL
RETURN FILE_CANCEL
ENDIF
ENDIF
lnRecNo = RECNO()
SKIP -1

*-- If we're at BOF, return BOF code
IF BOF()
RETURN FILE_BOF
ENDIF

*-- If we're still on the same record,
*-- return cancel code
IF lnRecNo = RECNO()
RETURN FILE_CANCEL
ENDIF

*-- If we get this far, all is well
Thisform.refreshform()
RETURN FILE_OK
ELSE
RETURN FILE_BOF
ENDIF
ENDIF

ENDPROC
procedure save
LOCAL laError[AERRORARRAY], ;
llError

llError = !Thisform.WriteBuffer()

IF !llError and !this.datachanged()
RETURN .T.
ENDIF

IF !llError
llError = !TableUpdate(.T.)
IF llError
IF AERROR(laError) > 0
*-- Let the form's error handler
handle the error
Thisform.Error(laError[1])
ENDIF
ENDIF
ENDIF
RETURN FILE_EOF
ENDIF

```

```

ELSE
  *-- Force any relations to be updated
  GO (RECNO())
  wait WINDOW NOWAIT
INSAVED_LOC
ENDIF
ENDIF

RETURN !!IError

ENDPROC
procedure DELETE
  LOCAL lnRecNo, ;
  llRetVal

  llRetVal = .T.
  IF MESSAGEBOX(DELETEREC_LOC, ;
    MB_ICONQUESTION +
  MB_YESNO, ;
    DELETEWARN_LOC) = IDNO
    RETURN .f.
  ENDIF

  *-- If adding a new record, just revert it
  IF "3" $ GETFLDSTATE(-1) OR "4" $
  GETFLDSTATE(-1)
    Thisform.restore()
    RETURN .T.
  ENDIF

  lnRecNo = RECNO()
  DELETE

  *-- When buffering is in use, you need to
  move off the record to
  *-- actually delete it. This may not be
  successful if the
  *-- delete trigger fails.
  SKIP
  IF EOF()
    SKIP -1
  IF !BOF()
    Thisform.refreshform()
  ELSE
    *-- Ask to add a new record if user
    just deleted last record
    *-- in file
    IF
  (MESSAGEBOX(ADDNEWREC_LOC, ;
    MB_ICONQUESTION +
  MB_YESNO, ;
    TASTRADE_LOC)) = IDYES
    Thisform.addnew()
  ELSE
    *-- If user does not wish to add a
    new record, no sense keeping
    *-- the form around.
    Thisform.release()
  ENDIF
  ENDIF
  ELSE
    IF lnRecNo = RECNO()
      llRetVal = .f.
    ELSE
      Thisform.refreshform()
    ENDIF
  ENDIF

  RETURN llRetVal
ENDPROC
procedure addnew
  *-- Add a blank record to the end of the
  table

```

```

IF Thisform.WriteBuffer()
  IF Thisform.IsNewAndEmpty()
    Thisform.restore()
  ELSE
    IF Thisform.datachanged() and
  Thisform.AskToSave() = IDCANCEL
      RETURN .f.
    ENDIF
  ENDIF

  APPEND BLANK
  Thisform.refreshform()
ENDIF

ENDPROC
procedure restore
  *-- Cancel all user changes
  =tablerevert(.T.)

  IF EOF()
    SKIP -1
  IF BOF()
    Thisform.release()
  ENDIF
  ENDIF

  Thisform.refreshform()
ENDPROC
procedure WriteBuffer
  LOCAL llRetVal
  llRetVal = .T.

  *-- Code to save field value to buffer when
  *-- clicking on toolbar without leaving the
  field
  *-- Don't do this for a grid since a grid may
  change
  *-- work areas unexpectedly
  IF TYPE("thisform.ActiveControl") ==
  "O" and ;

  UPPER(Thisform.ActiveControl.BaseClass)
  <> "GRID"
    IF
  TYPE("thisform.ActiveControl.ControlSour
  ce") <> "U" and ;

  !empty(Thisform.ActiveControl.ControlSour
  ce)
    IF
  EVAL(Thisform.ActiveControl.ControlSour
  ce) <> Thisform.ActiveControl.Value
      replace
  (Thisform.ActiveControl.ControlSource)
  with Thisform.ActiveControl.Value
      *-- We rely on the fact that we
      revert the field's value
      *-- in the error event method for the
      form.
      llRetVal =
  (EVAL(Thisform.ActiveControl.ControlSour
  ce) = Thisform.ActiveControl.Value)
    ENDIF
  ENDIF
  ENDIF

  RETURN llRetVal
ENDPROC
procedure refreshform
  *-- By providing a custom form refresh
  method such as this,
  *-- we are now able to lock the screen each
  time we refresh, as
  *-- well as override this method for custom
  refresh processing

```

```

*-- in a subclass. (See the order history
class).
  Thisform.LockScreen = .T.
  Thisform.Refresh()
  Thisform.LockScreen = .f.
ENDPROC
procedure WaitMode
  *-- Changes the mouse cursor for the form
  and all it's children based
  *-- on the value of the tlWaitMode
  parameter
  LPARAMETERS tlWaitMode

  lnMousePointer = IIF(tlWaitMode,
  MOUSE_HOURLASS,
  MOUSE_DEFAULT)
  Thisform.MousePointer = lnMousePointer
  Thisform.SETALL('MousePointer',
  lnMousePointer)

ENDPROC
procedure restorewindowpos
  LPARAMETERS tcEntry
  LOCAL lcBuffer, ;
  lcOldError, ;
  lnTop, ;
  lnLeft, ;
  llError, ;
  lnCommaPos, ;
  lcEntry

  IF PCOUNT() = 0
    lcEntry = Thisform.Caption
  ELSE
    lcEntry = tcEntry
  ENDIF

  lcBuffer = space(10) + CHR(0)
  lcOldError = on('ERROR')

  *-- Read the window position from the INI
  file
  IF GetPrivStr("WindowPositions", lcEntry,
  "", ;
    @lcBuffer, LEN(lcBuffer), ;
    CURDIR() + INIFILE) > 0
    *-- If an error occurs while parsing the
    string,
    *-- just ignore the string and use the
    form's
    *-- defaults
    on Error llError = .T.
    lnCommaPos = AT(", ", lcBuffer)
    lnTop = VAL(Left(lcBuffer,
  lnCommaPos - 1))
    lnLeft = VAL(SUBSTR(lcBuffer,
  lnCommaPos + 1))
    on Error &lcOldError
  IF !!IError
    Thisform.Top = lnTop
    Thisform.Left = lnLeft
  ENDIF
  ENDIF

ENDPROC
procedure savewindowpos
  LPARAMETERS tcEntry
  LOCAL lcValue, ;
  lcEntry

  IF PCOUNT() = 0
    lcEntry = Thisform.Caption
  ELSE
    lcEntry = tcEntry
  ENDIF

```

```

lcValue = ALLT(STR(max(Thisform.Top,
0))) + ',' + ;
  ALLT(STR(max(Thisform.Left, 0)))
  *-- Write the entry to the INI file
  =WritePrivStr("WindowPositions",
lcEntry, ;
  lcValue, CURDIR() + INIFILE)

ENDPROC
procedure AddToMenu
*-- Add the form's caption to the Window
menu popup
  LOCAL lnBar

  IF TYPE("oApp") == "O"
    *-- Find the next available bar number
    IF CNTBAR("Window") = 0 OR ;
      GETBAR("Window",
CNTBAR("Window")) < 0 && At a Fox
system BAR
      lnBar = CNTBAR("Window") + 1
    ELSE
      lnBar = GETBAR("Window",
CNTBAR("Window")) + 1
    ENDIF

    DEFINE BAR lnBar of WINDOW
prompt Thisform.Caption AFTER _MLAST
lcFormName = Thisform.Name
on SELECTION BAR lnBar of
WINDOW Activate WINDOW
&lcFormName
    ENDIF

  ENDPROC
procedure RemoveFromMenu
  LPARAMETERS tcCaption
  LOCAL lnBar, ;
  lcCaption

  IF PCOUNT() = 0
    lcCaption = Thisform.Caption
  ELSE
    lcCaption = tcCaption
  ENDIF

  *-- Remove the form's caption from the
Window menu popup.
  *-- We check to see if the application
object
  *-- exists to prevent error messages when
running
  *-- the form outside the project
  IF TYPE('oApp') == "O"
    FOR lnBar = CNTBAR("Window") to 1
    STEP -1
      IF PRMBAR("Window",
GETBAR("Window", lnBar)) = lcCaption
        release BAR GETBAR("Window",
lnBar) of WINDOW
        EXIT
      ENDIF
    ENDFOR
  ENDIF

ENDPROC
procedure datachanged
  *-- Assumes table or view for current work
area
  *-- Returns .T. if any data has changed
  IF ISNULL(GETFLDSTATE(-1))
    RETURN .f.
  ELSE
    RETURN ("2" $ GETFLDSTATE(-1)
OR ;
    "4" $ GETFLDSTATE(-1))
  ENDIF
ENDPROC
procedure AskToSave
  LOCAL lnAnswer
  *-- Prompt user to save changes, and save
or restore
  *-- based on answer
  lnAnswer =
MESSAGEBOX(SAVECHANGES_LOC, ;
  MB_ICONQUESTION +
  MB_YESNOCANCEL, ;
  TASTRADE_LOC)
  do CASE
CASE lnAnswer = IDYES
  IF !Thisform.save()
    lnAnswer = IDCANCEL
  ENDIF
CASE lnAnswer = IDNO
  Thisform.restore()
ENDCASE

  RETURN lnAnswer
ENDPROC
procedure IsNewAndEmpty
  *-- Return .T. if user has added a new
record but has not yet
  *-- made any changes.
  RETURN (VAL(GETFLDSTATE(-1)) %
VAL(REPLICATE("3",
LEN(GETFLDSTATE(-1)))) = 0)
ENDPROC
procedure QueryUnload
  *-- If we don't have a toolbar, the we'll
assume we're not doing any
  *-- editing, so just return .T.
  IF empty(Thisform.ctoolbar)
    RETURN .T.
  ENDIF

  *-- Write out the contents current control
  IF !Thisform.WriteBuffer()
    NODEFAULT
    RETURN .f.
  ENDIF

  *-- If adding a new record but nothing
entered yet
  IF Thisform.IsNewAndEmpty()
    Thisform.restore()
  ELSE
    IF Thisform.datachanged() and
Thisform.AskToSave() = IDCANCEL
      NODEFAULT
      RETURN .f.
    ENDIF
  ENDIF
ENDPROC
procedure Unload
  set MESSAGE to

ENDPROC
procedure Init
  *-- (c) Microsoft Corporation 1995

  LOCAL lnMenuNum, ;
  lcFormName

  *-- Restore window's position from INI file
  Thisform.restorewindowpos()
  IF !empty(Thisform.ctoolbar) and ;
    TYPE("oApp") == "O"
    *-- Add form's caption to the menu
    Thisform.AddToMenu()
    *-- Put up the navigation toolbar
oApp.ShowNavToolBar(Thisform.ctoolbar)
  ENDIF

  *-- Initialize default error message array
  Thisform.aErrorMsg[INSERTTRIG] =
INSERTTRIGFAIL_LOC
  Thisform.aErrorMsg[UPDATETRIG] =
UPDATETRIGFAIL_LOC
  Thisform.aErrorMsg[DELETETRIG] =
DELETETRIGFAIL_LOC

ENDPROC
procedure Activate
  LOCAL lcAlias
  *-- Ensure the proper alias is selected
whenver this form is
  *-- activated
  lcAlias =
Thisform.Dataenvironment.InitialSelectedAli
as
  IF !empty(lcAlias)
    SELECT (lcAlias)
  ENDIF

  *-- If this form is using a toolbar, refresh it
  IF !empty(Thisform.ctoolbar) and ;
    TYPE("oApp.oToolbar") == "O"
    oApp.oToolbar.Refresh()
  ENDIF

  *-- Force the menu to refresh
  Activate MENU_MSYSMENU NOWAIT

  *-- Update the status bar message
set MESSAGE to Thisform.Caption

  *-- If there are no records in the file,
inform user that we
  *-- are switching into add mode.
  IF EOF()
    SKIP -1
    IF BOF()
      =MESSAGEBOX(ENTERADDMODE_LO
C, ;
        MB_ICONINFORMATION, ;
        TASTRADE_LOC)
        Thisform.addnew()
      ENDIF
    ENDIF

  ENDPROC
procedure Destroy
  *-- Make form disapper before doing
anything else
  Thisform.Visible = .f.

  IF TYPE('oApp') == "O"
    IF TYPE("this.ctoolbar") <> "U" and ;
      !empty(this.ctoolbar)
      *-- Remove the form's caption from
the menu
      this.RemoveFromMenu()
      *-- Release the navigation toolbar
oApp.ReleaseNavToolBar()
    ENDIF
  ENDIF

  *-- Save window's position to the INI file
  Thisform.savewindowpos()
ENDPROC
procedure Error
  LPARAMETERS nError, cMethod, nLine
  LOCAL llHandledError, ;
  laError[AERRORARRAY], ;

```

```

lcMessage, ;
lnAnswer

*-- Load the laError with error information
=AERROR(laError)
do CASE
CASE nError = 1539  && Trigger failed
?? CHR(7)
*-- Use form property array to retrieve
appropriate error message,
*-- which was initialized in the form's Init()
event method.

=MESSAGEBOX(Thisform.aErrorMsg[laErr
or[5]], ;
  MB_ICONEXCLAMATION, ;
  TA STRADE_LOC)
*-- Restore the form if the Delete trigger
failed
IF laError[5] = DELETETRIG
  Thisform.restore()
ENDIF
llHandledError = .T.
CASE nError = 1583  && Table rule failed
*-- We assume that the appropriate error
message was
*-- displayed within the table rule.
Therefore,
*-- there is no need to handle the error
here.
IF DEBUGMODE
  *-- If we are in debug mode, put up a
wait window to indicate
  *-- when table rule fails.
  wait WINDOW NOWAIT
TABLERULEFAIL_LOC
ENDIF
llHandledError = .T.

CASE nError = 1582  && Field rule
violated
?? CHR(7)
lcMessage = DBGETPROP(Alias) + "." +
laError[3], "Field", "RuleText")
lcMessage = STRTRAN(lcMessage, "", ")
=MESSAGEBOX(lcMessage, ;
  MB_ICONEXCLAMATION, ;
  TA STRADE_LOC)

OTHERWISE
?? CHR(7)
lcMessage = MESSAGE() + CR + ;
  METHOD_LOC + cMethod + CR + ;
  LINENUM_LOC + ALLT(STR(nLine))
lnAnswer = MESSAGEBOX(lcMessage, ;
  MB_ICONSTOP +
MB_ABORTRETRYIGNORE, ;
  ERRORTITLE_LOC)
do CASE
CASE lnAnswer = IDABORT
SUSPEND
CASE lnAnswer = IDRETRY
RETRY
OTHERWISE
RETURN
ENDCASE
ENDCASE

RETURN llHandledError

ENDPROC
Arial, 1, 8, 5, 14, 11, 14, 3, 0

*****

```

1.112 INCLUDE\TSGEN.VCX

```

Width = 525
Height = 20
BackColor = 128,128,128
SpecialEffect = 2
nleftedge = 0
nrighedge = 0
Name = "splitter"
procedure GetLeftEdge
  RETURN this.nleftedge
ENDPROC
procedure GetRightEdge
  RETURN this.nrighedge
ENDPROC
procedure updatecontrols
  LOCAL lnObjCtr

  this.nleftedge = this.Left +
this.shpHandle.Left
  this.nrighedge = this.Left +
this.shpHandle.Left + ;
  this.shpHandle.Width

  _screen.Activeform.LockScreen = .T.

  on Error *  && To suppress spurious
error message
  FOR lnObjCtr = 1 to
ALEN(this.Parent.aObjSplitMove)

this.Parent.aObjSplitMove[lnObjCtr].Move()
ENDFOR
on Error

  _screen.Activeform.LockScreen = .f.
  _screen.Activeform.Refresh()

ENDPROC
procedure Init
*-- (c) Microsoft Corporation 1995

  this.nleftedge = this.Left +
this.shpHandle.Left
  this.nrighedge = this.Left +
this.shpHandle.Left + ;
  this.shpHandle.Width

ENDPROC
BackColor = 0,0,0
BackStyle = 1
BorderStyle = 0
BorderWidth = 0
FillStyle = 0
Height = 20
Left = 111
MousePointer = 0
Top = 0
Visible = .T.
Width = 303
SpecialEffect = 1
ClassLibrary =
"c:\fox30\nwind\beta1\mainamp\libs\nwbaso
bj.vcx"
Name = "shpGuide"
procedure Click
  LOCAL lnOldPos, ;
  lnAvgCharWidth

  lnOldPos = this.Parent.shpHandle.Left
  lnAvgCharWidth = FONTMETRIC(6)

  this.Parent.shpHandle.Left = ;
  MCOL() * lnAvgCharWidth -
this.Parent.Left - 2

```

```

IF this.Parent.shpHandle.Left <> lnOldPos
*-- If there was movement
  this.Parent.updatecontrols()
ENDIF

ENDPROC
procedure Init
  this.Left = INT((this.Parent.Width / 2) -
(this.Width / 2))
ENDPROC
BackColor = 0,0,0
BorderWidth = 1
FillColor = 192,192,192
FillStyle = 0
Height = 20
Left = 260
MousePointer = 9
Top = 0
Width = 6
SpecialEffect = 1
ClassLibrary =
"c:\fox30\nwind\beta1\mainamp\libs\nwbaso
bj.vcx"
Name = "shpHandle"
procedure Init
  this.Left = INT((this.Parent.Width / 2) -
(this.Width / 2))
ENDPROC
procedure MouseDown
  parameters nButton, nShift, nXCoord,
nYCoord
  LOCAL lnOldPos, ;
  lnAvgCharWidth, ;
  lnMinPos, ;
  lnMaxPos, ;
  lnCurPos, ;
  lnParentLeft

  lnOldPos = this.Left
  lnAvgCharWidth = FONTMETRIC(6)
  lnParentLeft = this.Parent.Left
  lnMinPos= lnParentLeft +
this.Parent.shpGuide.Left
  lnMaxPos = lnMinPos +
this.Parent.shpGuide.Width

  do while MDOWN()
    lnCurPos = MCOL() * lnAvgCharWidth
    this.Move(max(lnMinPos, min(lnCurPos,
lnMaxPos)) - lnParentLeft - 2)
  enddo

IF this.Left <> lnOldPos
  this.Parent.updatecontrols()
ENDIF

ENDPROC
Top = 0
Left = 0
Height = 20
Width = 20
Picture = ..\bitmaps\lfscroll.bmp
Caption = ""
TabIndex = 1
TabStop = .f.
Name = "cmdLfScroll"
procedure Click
  LOCAL lnOldPos

  *-- If the shpHandle is moved one width
(of this button) to left
  *-- the new left edge of the splitter will be
the greater of...
  lnOldPos = this.Parent.shpHandle.Left

```

```

        _screen.Activeform.LockScreen = .T.
    *-- Released by UpdateControls for
    Splitter object
        this.Parent.shpHandle.Left = ;
        max(this.Parent.shpHandle.Left -
        this.Width, ;
        this.Parent.shpGuide.Left)

    IF this.Parent.shpHandle.Left <> lnOldPos
        this.Parent.updatecontrols()
    ENDIF

ENDPROC
Top = 0
Left = 505
Height = 20
Width = 20
Picture = ..\bitmaps\rtscroll.bmp
Caption = ""
TabIndex = 2
TabStop = .f.
Name = "cmdRtScroll"
procedure Click
    LOCAL lnOldPos

    *-- If the shpHandle is moved one width
    (of this button) to right
    *-- the new left edge of the splitter will be
    the lesser of...
    lnOldPos = this.Parent.shpHandle.Left

    _screen.Activeform.LockScreen = .T.

    *-- Released by UpdateControls for
    Splitter object
        this.Parent.shpHandle.Left =
        min(this.Parent.shpHandle.Left + ;
        this.Width, this.Parent.shpGuide.Left +
        this.Parent.shpGuide.Width)

    IF this.Parent.shpHandle.Left <> lnOldPos
        this.Parent.updatecontrols()
    ENDIF

ENDPROC
procedure Init
    this.Left = this.Parent.Width - this.Width
ENDPROC
Arial, 1, 10, 6, 16, 13, 15, 3, 0
Width = 184
Height = 63
BackColor = 192,192,192
BackStyle = 0
BorderWidth = 0
Name = "daterange"
procedure getdatefrom
    RETURN this.txtDateFrom.Value

ENDPROC
procedure getdateto
    IF empty(this.txtDateTo.Value)
        *-- If the To date is empty, return a value
        in the distant future
        RETURN {12/31/3000}
    ELSE
        RETURN this.txtDateTo.Value
    ENDIF

ENDPROC
procedure validate
    *-- (c) Microsoft Corporation 1995

    *-- If the To date is less than the From date
    and the From date
    *-- is not empty, display an error message
    IF this.txtDateTo.Value <
    this.txtDateFrom.Value and ;
        !empty(this.txtDateFrom.Value)

    =MESSAGEBOX(DATERANGEERROR_L
    OC, ;
        MB_ICONEXCLAMATION)
    RETURN .f.
    ENDIF

ENDPROC
Alignment = 3
Value = { / / }
Format = "DK"
Height = 22
Left = 90
TabIndex = 1
Top = 5
Width = 81
Name = "txtDateFrom"
Alignment = 3
Value = { / / }
Format = "DK"
Height = 22
Left = 90
TabIndex = 2
Top = 35
Width = 81
Name = "txtDateTo"
procedure Valid
    IF !this.Parent.validate()
        this.Value = { }
        this.SelStart = 0
    ENDIF

ENDPROC
Caption = "From"
Left = 5
Top = 5
Name = "Tslabel1"
Caption = "To"
Left = 5
Top = 35
Name = "Tslabel2"
Arial, 0, 8, 5, 14, 11, 20, 3, 0
Arial, 1, 8, 5, 14, 11, 14, 3, 0
coldtalk =
coldsafety =
coldpath =
coldproc =
coldstatus =
noldmemo = 0
coldddir =
coldhelp =
colddeleted =
coldexclusive =
coldclasslib =
coldnotify =
coldbell =
coldnear =
coldexact =
coldmultilocks =
coldintensity =
coldonshutdown =
coldconfirm =
coldescape =
Name = "environment"
procedure set
    *-- Set the SET and ON commands
    set safety off
    set procedure to UTILITY.PRG
    set CLASSLIB to MAIN, TSBASE,
    TSGEN, login, orders

    set MEMOWIDTH to 120
    set MULTILOCKS on      && For
    table buffering
    set HELP to HELP\TTRADE.hlp
    set deleted on
    set exclusive off
    set NOTIFY off
    set bell off
    set NEAR off
    set EXACT off
    set INTENSITY off
    set CONFIRM on
    IF !DEBUGMODE
        set ESCAPE off
    ELSE
        set ESCAPE on
    ENDIF

    on SHUTDOWN do OnShutDown
ENDPROC
procedure reset
    *-- Restore the previous settings of the
    SET and ON commands

    LOCAL luTemp

    set PATH to (this.coldpath)

    luTemp = this.coldclasslib
    set CLASSLIB to &luTemp

    luTemp = this.coldproc
    set procedure to &luTemp
    set MEMOWIDTH to this.noldmemo

    luTemp = this.coldmultilocks
    set MULTILOCKS &luTemp

    luTemp = this.coldsafety
    set safety &luTemp

    luTemp = this.coldstatus
    set STATUS BAR &luTemp

    CD (this.coldddir)

    luTemp = this.colddeleted
    set deleted &luTemp

    luTemp = this.coldexclusive
    set exclusive &luTemp

    IF file(this.coldhelp)
        set HELP to (this.coldhelp)
    ENDIF

    luTemp = this.coldnotify
    set NOTIFY &luTemp

    luTemp = this.coldbell
    set bell &luTemp

    luTemp = this.coldnear
    set NEAR &luTemp

    luTemp = this.coldexact
    set EXACT &luTemp

    luTemp = this.coldintensity
    set INTENSITY &luTemp

    luTemp = this.coldconfirm
    set CONFIRM &luTemp

    luTemp = this.coldonshutdown
    on SHUTDOWN &luTemp

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```

luTemp = this.coldescape
set ESCAPE &luTemp

luTemp = this.coldtalk
set talk &luTemp

ENDPROC
procedure Destroy
    this.reset()

ENDPROC
procedure Init
    *-- (c) Microsoft Corporation 1995

    *-- Save the settings of the SET and ON
    commands

    this.coldtalk      = gcOldTalk
    this.coldpath      = gcOldPath
    this.coldldir      = gcOldDir
    this.coldclasslib  = gcOldClassLib
    this.coldescape    = gcOldEscape

    this.coldsafety    = set('SAFETY')
    this.coldproc      = set('PROCEDURE')
    this.coldstatus    = set('STATUS BAR')
    this.noldmemo      = set('MEMOWIDTH')
    this.coldmultilocks =
set('MULTILOCKS')
    this.coldhelp      = set('HELP', 1)
    this.colddeleted   = set('DELETED')
    this.coldexclusive = set('EXCLUSIVE')
    this.coldnotify    = set('NOTIFY')
    this.coldbell      = set('BELL')
    this.coldnear      = set('NEAR')
    this.coldexact     = set('EXACT')
    this.coldintensity = set('INTENSITY')
    this.coldconfirm   = set('CONFIRM')
    this.coldonshutdown = on('SHUTDOWN')

ENDPROC
ScaleMode = 3
Height = 328
Width = 469
DoCreate = .T.
Picture = ..\bitmaps\ttradelg.bmp
Caption = "Introductory Form"
Closable = .f.
uRetVal = 2
Name = "introform"
procedure close
    Thisform.cmdExit.Click()
ENDPROC
procedure Init
    *-- (c) Microsoft Corporation 1995
    do MENU\$\intro.mpr

ENDPROC
Top = 300
Left = 10
Height = 22
Width = 121
Caption = "\<Continue"
default = .T.
TabIndex = 1
Name = "cmdContinue"
procedure Click
    Thisform.uRetVal = 1
    Thisform.Visible = .f.

ENDPROC
Top = 300
Left = 135
Height = 22
Width = 121

cancel = .T.
Caption = "E\<xit"
TabIndex = 2
Name = "cmdExit"
procedure Click
    set systemu to default
    Thisform.uRetVal = 2
    Thisform.Visible = .f.

ENDPROC
Top = 300
Left = 260
Height = 22
Width = 121
Caption = "\<Behind the Scenes"
TabIndex = 3
Name = "cmdBehindSC"
procedure Click
    do form behindsc with .T.

ENDPROC
Top = 280
Left = 15
Height = 15
Width = 206
Caption = "\<Show This Form at Startup"
Value = 1
Name = "chkShowAtStartup"
procedure Click
    *-- Write value to INI file
    LOCAL lcValue
    lcValue = STR(this.Value, 1)
    =WritePrivStr("Defaults",
"ShowIntroForm", lcValue, CURDIR() +
INIFILE)

ENDPROC
FontBold = .f.
FontSize = 10
WordWrap = .T.
Alignment = 0
Caption = "This application demonstrates a
broad sample of features and development
techniques of Visual FoxPro in a
discoverable environment."
Height = 61
Left = 10
Top = 40
Width = 277
TabIndex = 5
Name = "Tlabel1"
FontBold = .f.
FontSize = 10
WordWrap = .T.
Alignment = 0
Caption = "The goal of the sample is to
provide a single integrated business
application designed around realistic business
scenarios to illustrate many of the new
features and capabilities of application
development in Visual FoxPro."
Height = 96
Left = 10
Top = 105
Width = 277
TabIndex = 6
Name = "Tlabel2"
FontBold = .f.
FontSize = 10
WordWrap = .T.
Alignment = 0
Caption = "To learn how a particular feature
was implemented, explore "Behind the
Scenes" at any time.'
Height = 61

Left = 10
Top = 210
Width = 276
TabIndex = 7
Name = "Tlabel3"
FontSize = 18
Alignment = 0
Caption = "Welcome to Tasmanian Traders"
Height = 26
Left = 10
Top = 5
Width = 396
TabIndex = 8
Name = "Tlabel4"
Arial, 1, 8, 5, 14, 11, 14, 3, 0
Arial, 0, 10, 6, 16, 13, 23, 3, 0
Arial, 1, 18, 11, 30, 23, 30, 6, 1
Height = 34
Width = 92
cMainWindCaption =
cMainMenu = MAIN.mpr
cDatabase =
coldwindcaption =
nforminstancecount = 0
oToolbar = .NULL.
Name = "application"
procedure do
    *-- Put up main menu
    this.DoMenu()

    *-- Start the event loop
    READ events

ENDPROC
procedure CleanUp
    *-- When we wish to end the application,
    we cannot just
    *-- simply release the application object
    (oApp) and expect
    *-- the Destroy method to run without first
    issuing a
    *-- CLEAR EVENTS since the READ
    EVENTS was issued in the Do()
    *-- method. Therefore, this method was
    created to
    *-- clean up the environment before
    quitting the application.
    *-- It also allows us to conditionally stop
    the user from
    *-- exiting the program for whatever
    reason.

    LOCAL lnForm, lnFormToClose
    lnFormToClose = 1
    FOR lnForm = 1 to _screen.FormCount
    IF
TYPE("_screen.Forms(lnFormToClose)") ==
"O"
        IF
_screen.FORMS(lnFormToClose).QueryUnlo
ad()

_screen.FORMS(lnFormToClose).release()
        ELSE
            RETURN .f.
        ENDIF
    ELSE
        lnFormToClose = lnFormToClose + 1
    ENDIF
    ENDFOR
    _screen.Caption = this.coldwindcaption
    close data ALL
    CLEAR events
    POP MENU _MSYSMENU to MASTER
    this.ShowToolBars()
    this.IIsClean = .T.

```



```

ENDPROC
procedure DoForm
  LPARAMETERS tcForm, tcParm1
  IF parameters() < 2
    do form (tcForm)
  ELSE
    do form (tcForm) with tcParm1
  ENDIF

ENDPROC
procedure DoFormRetVal
  LPARAMETERS tcForm
  *-- This function is meant to be used with a
  form class that
  *-- is derived from tsformretval which is
  defined in TSBASE.VCX
  *-- Notice how objects with LOCAL scope
  are automatically
  *-- released when the methods ends.

  LOCAL loForm, ;
  luRetVal
  loForm = CREATEOBJECT(tcForm)
  loForm.Show()
  luRetVal = loForm.uRetVal
  RETURN luRetVal

ENDPROC
procedure login
  RETURN this.DoFormRetVal("login")

ENDPROC
procedure releasetoolbars
  *-- Releases all Visual FoxPro toolbars
  LOCAL i

  DIMENSION this.aToolBars[11,2]
  this.aToolBars[1,1] =
TB_FORMDESIGNER_LOC
  this.aToolBars[2,1] =
TB_STANDARD_LOC
  this.aToolBars[3,1] = TB_LAYOUT_LOC
  this.aToolBars[4,1] = TB_QUERY_LOC
  this.aToolBars[5,1] =
TB_VIEWDESIGNER_LOC
  this.aToolBars[6,1] =
TB_COLORPALETTE_LOC
  this.aToolBars[7,1] =
TB_FORMCONTROLS_LOC
  this.aToolBars[8,1] =
TB_DATADESIGNER_LOC
  this.aToolBars[9,1] =
TB_REPODESIGNER_LOC
  this.aToolBars[10,1] =
TB_REPOCONTROLS_LOC
  this.aToolBars[11,1] =
TB_PRINTPREVIEW_LOC

  FOR i = 1 to ALEN(this.aToolBars, 1)
    this.aToolBars[i,2] =
WVISIBLE(this.aToolBars[i,1])
    IF this.aToolBars[i,2]
      HIDE WINDOW (this.aToolBars[i,1])
    ENDIF
  ENDFOR

ENDPROC
procedure ShowToolBars
  LOCAL i

  *-- Show all VFP toolbars that were
  previously hidden
  FOR i = 1 to ALEN(this.aToolBars, 1)
    IF this.aToolBars[i,2]
      Show WINDOW (this.aToolBars[i,1])
    ENDIF
  ENDFOR

ENDPROC
procedure ShowNavToolBar
  LPARAMETERS tcToolBar
  *-- Create and show the navigation toolbar
  if this is the first
    *-- form instance. Otherwise, just
    increment the number of
    *-- form instances.
    IF this.nforminstancecount = 0
      set sysmenu on
      this.oToolBar =
CREATEOBJECT(tcToolBar)
      this.oToolBar.Show()
      this.oToolBar.Refresh()
      Activate MENU _MSYSMENU
    NOWAIT
      set sysmenu AUTOMATIC
    ENDIF
    this.nforminstancecount =
this.nforminstancecount + 1

ENDPROC
procedure DoMenu
  do (this.cMainMenu)

ENDPROC
procedure ReleaseNavToolBar
  *-- Decrement the number of form
  instances
  this.nforminstancecount =
this.nforminstancecount - 1

  *-- If this is the last instance of the form,
  *-- release the toolbar
  IF this.nforminstancecount = 0
    this.oToolBar = .NULL.
  ENDIF

ENDPROC
procedure addinstance
  LPARAMETERS toForm

  *-- This routine handles multiple instances
  of a form
  *-- A description of each element of the
  aInstances[] array
  *-- appears below.

  LOCAL lnElem, ;
  lnRow, ;
  lcFormName

  lcFormName = toForm.Name
  *-- Scan this.aInstances[] looking for
  lcFormName. If found
  *-- increment the instance count for that
  name by 1 and
  *-- return the next available instance
  number
  lnElem = ASCAN(this.aInstances,
lcFormName)
  IF lnElem = 0
    *-- Expand the array if this is not the
    first form we're adding
    *-- to it
    IF TYPE("this.aInstances[1,1]") = "L"
      *-- There are no forms in the array
      lnRow = 1
    ELSE
      *-- Expand the array
      lnRow = ALEN(this.aInstances, 1) + 1
    ENDIF
  ELSE
    *-- Make sure we still have an instance.
    If not,
    *-- re-initialize it.
    IF TYPE("this.aInstances[lnRow, 2]")
< "O" OR ;
    > "O" OR ;
      ISNULL(this.aInstances[lnRow, 2])
      this.aInstances[lnRow, 2] = toForm
    ENDIF
    *-- Stagger the new form's position
    toForm.Left = this.aInstances[lnRow,
2].Left + 5
    toForm.Top = this.aInstances[lnRow,
2].Top + 23

    *-- Save the current instance for next
    time
    this.aInstances[lnRow, 2] = toForm
  ENDIF

  *-- Increment the number of instances and
  the next
  *-- available instance number
  this.aInstances[lnRow, 3] =
this.aInstances[lnRow, 3] + 1
  this.aInstances[lnRow, 4] =
this.aInstances[lnRow, 4] + 1

  RETURN this.aInstances[lnRow, 4]

ENDPROC
procedure removeinstance
  LPARAMETERS tcFormName

  LOCAL lnElem, ;
  lnRow
  *-- Scan this.aInstances[] looking for
  tcFormName. If found
  *-- decrement the instance count for that
  name by 1. If this
  *-- is the last instance, remove the row
  from the array.
  lnElem = ASCAN(this.aInstances,
tcFormName)
  IF lnElem > 0
    lnRow = ASUBS(this.aInstances,
lnElem, 1)
    IF this.aInstances[lnRow, 3] = 1
      *-- This is the last instance. Remove
      the row if more
      *-- than one row exists
      IF ALEN(this.aInstances, 1) > 1
        =ADEL(this.aInstances, lnRow)
      DIMENSION
      this.aInstances[ALEN(this.aInstances, 1) - 1,
ALEN(this.aInstances, 2)]
    ELSE
      *-- Last array row. Just clear it out.
      this.aInstances = .f.
    ENDIF
  ELSE
    this.aInstances[lnRow, 3] =
this.aInstances[lnRow, 3] - 1
  ENDIF

```

```

    ENDIF
ENDIF

ENDPROC
procedure Destroy
*-- In case of application error, we call the
CleanUp method
*-- to clean up the environment for us. If
we are quitting
*-- normally, then theIIsClean flag will be
.T. indicating
*-- that the CleanUp method has already
been executed and
*-- the environment is clean.
IF !this.IIsClean
    this.CleanUp()
ENDIF

ENDPROC
procedure Init
*-- (c) Microsoft Corporation 1995

*-- Set up the environment
this.AddObject("oEnvironment",
"Environment")
this.oEnvironment.set()

*-- Save current main window title and set
*-- the new one
this.coldwindcaption = _screen.Caption
_screen.Caption = this.cMainWindCaption

*-- Setup data environment
*-- For applications that need to open
multiple
*-- .DBC's, or that need to open/close
.DBC's
*-- at run time, create a separate method in
this
*-- class, call it from here, and override it
as
*-- necessary in your specific application
class.
    close data ALL
    IF !empty(this.cdatabase)
        OPEN Database (this.cdatabase)
        IF empty dbc()
=MESSAGEBOX(FILENOTEXIST_LOC +
this.cdatabase, ;
        MB_OK + MB_ICONSTOP, ;
        ERRORTITLE_LOC)
        RETURN .f.
    ENDIF
ENDIF

*-- Release all toolbars
this.releasetoolbars()
PUSH MENU _MSYSMENU
ENDPROC
Width = 599
Height = 321
BackStyle = 0
BorderWidth = 0
Comment = "(c) Microsoft Corporation 1995"
Name = "customerinfo"
procedure Error
    LPARAMETERS nError, cMethod, nLine

    LOCAL laError[AERRORARRAY], ;
    lcMessage
    =AERROR(laError)

    do CASE
CASE nError = 1884    && Primary key
violated
        ?? CHR(7)
        =MESSAGEBOX(CUSTIDEXISTS_LOC,
;
        MB_ICONEXCLAMATION, ;
        TA STRADE_LOC)
        this.txtCustomer_ID.SetFocus()
CASE nError = 1582    && Field rule
violated
        ?? CHR(7)
        lcMessage = DBGETPROP(Alias) + "." +
laError[3], "Field", "RuleText")
        lcMessage = STRTRAN(lcMessage, "", ")
        =MESSAGEBOX(lcMessage, ;
        MB_ICONEXCLAMATION, ;
        TA STRADE_LOC)
        do CASE
CASE UPPER(laError[3]) =
"CUSTOMER_ID"
        this.txtCustomer_ID.SetFocus()
CASE UPPER(laError[3]) =
"COMPANY_NAME"
        this.txtCompany_Name.SetFocus()
CASE UPPER(laError[3]) =
"MIN_ORDER_AMT"
        replace customer.min_order_amt with
OLDVAL("customer.min_order_amt")
        IF
UPPER(_screen.Activeform.ActiveControl.N
ame) <> "TXTMIN_ORD_AMT"
            this.txtMin_Ord_Amt.SetFocus()
        ENDIF
    ENDCASE

ENDCASE

ENDPROC
Value =
ControlSource = "Customer.company_name"
Height = 24
Left = 143
TabIndex = 2
Top = 39
Width = 341
Name = "txtCompany_Name"
Value =
ControlSource = "customer.contact_name"
Height = 24
Left = 143
TabIndex = 3
Top = 67
Width = 221
Name = "txtContact_Name"
Value =
ControlSource = "customer.contact_title"
Height = 24
Left = 143
TabIndex = 4
Top = 95
Width = 221
Name = "txtContact_Title"
Value =
ControlSource = "customer.address"
Height = 24
Left = 143
TabIndex = 5
Top = 123
Width = 446
Name = "txtAddress"
Value =
ControlSource = "customer.city"
Height = 24
Left = 143
TabIndex = 6
Top = 151
Width = 221
Name = "txtCity"

Value =
ControlSource = "customer.region"
Height = 24
Left = 143
TabIndex = 7
Top = 179
Width = 221
Name = "txtRegion"
Alignment = 3
Value =
ControlSource = "customer.postal_code"
Height = 24
Left = 143
TabIndex = 8
Top = 207
Width = 125
Name = "txtPostal_Code"
Value =
ControlSource = "customer.country"
Height = 24
Left = 143
TabIndex = 9
Top = 235
Width = 125
Name = "txtCountry"
Value =
ControlSource = "customer.phone"
Height = 24
Left = 143
TabIndex = 10
Top = 263
Width = 104
Name = "txtPhone"
Alignment = 1
Caption = "Company"
Height = 22
Left = 11
Top = 39
Width = 121
TabIndex = 15
Name = "Tslabel12"
Alignment = 1
Caption = "Contact"
Height = 17
Left = 11
Top = 67
Width = 121
TabIndex = 16
Name = "Tslabel13"
Alignment = 1
Caption = "Title"
Height = 17
Left = 11
Top = 95
Width = 121
TabIndex = 17
Name = "Tslabel14"
Alignment = 1
Caption = "Address"
Height = 17
Left = 11
Top = 123
Width = 121
TabIndex = 18
Name = "Tslabel15"
Alignment = 1
Caption = "City"
Height = 17
Left = 11
Top = 151
Width = 121
TabIndex = 21
Name = "Tslabel16"
Alignment = 1
Caption = "Region"
Height = 17

```

```

Left = 11
Top = 179
Width = 121
TabIndex = 23
Name = "Tslabel17"
Alignment = 1
Caption = "Postal Code"
Height = 17
Left = 11
Top = 207
Width = 121
TabIndex = 24
Name = "Tslabel18"
Alignment = 1
Caption = "Country"
Height = 17
Left = 11
Top = 235
Width = 121
TabIndex = 25
Name = "Tslabel19"
Alignment = 1
Caption = "Phone"
Height = 17
Left = 11
Top = 263
Width = 121
TabIndex = 26
Name = "Tslabel20"
Alignment = 1
Caption = "Fax"
Height = 17
Left = 11
Top = 291
Width = 121
TabIndex = 27
Name = "Tslabel21"
Caption = "Customer ID"
Height = 22
Left = 13
Top = 12
Width = 121
TabIndex = 28
Name = "Tslabel1"
Value =
ControlSource = "Customer.customer_id"
Format = "K!"
Height = 24
Left = 143
TabIndex = 1
Top = 12
Width = 116
Name = "txtCustomer_ID"
Height = 95
Left = 385
Top = 220
Width = 200
Name = "Ts3dshape1"
Alignment = 3
Value =
ControlSource = "customer.max_order_amt"
Height = 22
Left = 479
TabIndex = 12
Top = 234
Width = 100
Name = "txtMax_Ord_Amt"
Alignment = 3
Value =
ControlSource = "customer.min_order_amt"
Height = 22
Left = 479
TabIndex = 13
Top = 259
Width = 100
Name = "txtMin_Ord_Amt"

Alignment = 3
Value =
ControlSource = "customer.discount"
Height = 22
InputMask = "99"
Left = 479
TabIndex = 14
Top = 284
Width = 44
Name = "txtDiscount"
Caption = "Maximum"
Left = 391
Top = 234
TabIndex = 19
Name = "lblMaximum"
Caption = "Minimum"
Left = 391
Top = 259
TabIndex = 20
Name = "Tslabel2"
Caption = "Discount"
Left = 391
Top = 284
TabIndex = 22
Name = "Tslabel3"
ControlSource = "customer.fax"
Height = 24
Left = 143
TabIndex = 11
Top = 290
Width = 104
Name = "txtFax"
Arial, 0, 8, 5, 14, 11, 20, 3, 0
Arial, 1, 8, 5, 14, 11, 14, 3, 0

*****

I.113 INCLUDE\UTILITY.PRG
*****
*: *****
*****
*:
*: Procedure File UTILITY.PRG
*:
*:
*:
*:
*:
*:
*: Visual FoxPro Formatting wizard version
.03
*: *****
*****
*: UTILITY
*-- (c) Microsoft Corporation 1995

*-- General purpose utility functions
independent of any classes
*-- for better performance and accessibility

#INCLUDE "INCLUDE\TASTRADE.H"

*****

*****

I.114 FUNCTION ISTAG(TCTAGNAME,
TCALIAS)

*-- Receives a tag name and an alias
(which is optional) as
*-- parameters and returns .T. if the tag
name exists in the
*-- alias. If no alias is passed, the current
alias is assumed.
LOCAL lllsTag, ;

lclTagFound

IF parameters() < 2
tcAlias = Alias()
ENDIF

IF empty(tcAlias)
RETURN .f.
ENDIF

lllsTag = .f.
tcTagName = UPPER(alltrim(tcTagName))

lnTagNum = 1
lclTagFound = tag(lnTagNum, tcAlias)
do while !empty(lclTagFound)
IF UPPER(alltrim(lclTagFound)) ==
tcTagName
lllsTag = .T.
EXIT
ENDIF
lnTagNum = lnTagNum + 1
lclTagFound = tag(lnTagNum, tcAlias)
enddo

RETURN lllsTag
ENDFUNC

*****

I.115 FUNCTION NOTYET()

*-- Used during construction of Tastrade to
indicate those
*-- parts of the application that were not
yet completed.
=MESSAGEBOX(NOTYET_LOC,
MB_ICONINFORMATION)
RETURN
ENDFUNC

*****

I.116 FUNCTION
FILESIZE(TCFILENAME)

*-- Returns the size of a file. SET
COMPATIBLE must be ON for
*-- FSIZE() to return the size of a file.
Otherwise, it returns
*-- the size of a field.
LOCAL lclSetCompatible, lnFileSize

lclSetCompatible = set("COMPATIBLE")
set COMPATIBLE on
lnFileSize = FSIZE(tcFileName)
set COMPATIBLE &lclSetCompatible
RETURN lnFileSize
ENDFUNC

*****

*****

I.117 FUNCTION FORMISOBJECT()

*-- Return .T. if the active form is of type
"O" and its baseclass
*-- is "Form".
RETURN (TYPE("_screen.activeform")
== "O" and ;
UPPER(_screen.Activeform.BaseClass)
= "FORM")
ENDFUNC

```

1.118 FUNCTION ONSHUTDOWN()

```
*-- Custom message called via the ON
SHUTDOWN command to indicate
*-- that the user must exit Tastrade before
exiting Visual Foxpro.
=MESSAGEBOX(CANNOTQUIT_LOC,
;
  MB_ICONEXCLAMATION, ;
  TASTRADE_LOC)
ENDFUNC
```

1.119 INCLUDE\WIZDNER.VCX

```
RecordSource = "customer"
FontName = "MS Sans Serif"
FontSize = 8
Height = 152
Width = 397
Name = "grid1"
ScaleMode = 3
Top = 6
Left = 6
DoCreate = .T.
wizbuttons = 0
wizbtnpos = 0
Name = "nobtns"
Height = 2
Left = 1
Top = 48
Width = 584
Name = "Shape1"
Height = 2
Left = 3
Top = 264
Width = 584
Name = "Shape2"
FontSize = 14
BackStyle = 0
Caption = "Label1"
Height = 22
Left = 27
Top = 12
Width = 62
AutoSize = .T.
Name = "Label1"
Height = 68
Width = 68
wizeffect = 0
Name = "wizshape"
Width = 517
Height = 205
TabIndex = 0
odimensions = Shape1
olabel1 = Shape2
olabel2 = Shape3
ocol2 = Shape4
Name = "layoutsty"
Height = 205
Left = 0
Top = 0
Width = 517
Name = "Shape1"
Height = 13
Left = 24
Top = 24
Width = 37
Name = "Shape2"
Height = 13
Left = 24
```

```
Top = 45
Width = 37
Name = "Shape3"
Height = 13
Left = 228
Top = 24
Width = 37
Name = "Shape4"
Width = 94
Height = 43
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "boxfield"
BackColor = 255,255,255
BackStyle = 1
FillColor = 255,255,255
FillStyle = 0
Height = 43
Left = 0
Top = 0
Width = 94
SpecialEffect = 1
wizeffect = 1
Name = "Shape1"
FontSize = 9
BackColor = 0,0,255
BackStyle = 0
Caption = "Label1"
ForeColor = 0,0,255
Height = 15
Left = 3
Top = 2
Width = 49
TabIndex = 0
Name = "Label1"
FontSize = 9
BackColor = 255,255,255
BackStyle = 1
BorderStyle = 0
Height = 18
Left = 3
SpecialEffect = 1
TabIndex = 0
Top = 23
Width = 88
SelectedBackColor = 128,128,128
ColorSource = 0
Name = "Text1"
Arial, 1, 9, 6, 15, 12, 13, 3, 0
Width = 88
Height = 43
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "boxlogic"
BackColor = 255,255,255
FillColor = 255,255,255
FillStyle = 0
Height = 43
Left = 0
Top = 0
Width = 85
wizeffect = 1
Name = "Shape1"
FontSize = 9
BackColor = 0,0,255
BackStyle = 0
Caption = "Label1"
ForeColor = 0,0,255
Height = 13
Left = 3
Top = 2
Width = 49
TabIndex = 0
Name = "Label1"
```

```
Top = 22
Left = 2
Height = 17
Width = 13
FontSize = 9
BackStyle = 1
Caption = ""
SpecialEffect = 0
TabIndex = 0
ColorSource = 0
Name = "Check1"
Arial, 1, 9, 6, 15, 12, 13, 3, 0
Width = 247
Height = 75
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "boxmemo"
BackColor = 255,255,255
BorderStyle = 1
FillColor = 255,255,255
FillStyle = 0
Height = 75
Left = 0
Top = 0
Width = 246
wizeffect = 1
Name = "Shape1"
FontSize = 9
BackStyle = 0
BorderStyle = 0
Caption = "Label1"
ForeColor = 0,0,255
Height = 13
Left = 3
Top = 2
Width = 49
TabIndex = 0
Name = "Label1"
FontSize = 9
BackColor = 255,255,255
BorderStyle = 0
Height = 50
Left = 3
ScrollBars = 0
SpecialEffect = 1
TabIndex = 0
Top = 23
Width = 241
ColorSource = 0
Name = "Edit1"
Arial, 1, 9, 6, 15, 12, 13, 3, 0
Width = 156
Height = 125
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "boxole"
BackColor = 255,255,255
FillColor = 255,255,255
FillStyle = 0
Height = 125
Left = 0
Top = 0
Width = 156
wizeffect = 1
Name = "shape1"
FontSize = 9
BackStyle = 0
BorderStyle = 0
Caption = "Label1"
ForeColor = 0,0,255
Height = 13
Left = 3
Top = 2
Width = 49
```

TabIndex = 0
Name = "label1"
Top = 23
Left = 3
Height = 100
Width = 150
TabIndex = 0
Name = "oleboundcontrol1"
Arial, 1, 9, 6, 15, 12, 13, 3, 0
FontBold = .f.
FontName = "Arial"
FontSize = 8
Height = 21
Width = 113
Name = "embossedfield"
Arial, 0, 8, 5, 14, 11, 12, 3, 0
FontBold = .f.
FontName = "Arial"
FontSize = 8
BackStyle = 0
Caption = "Label1"
Height = 13
Width = 43
Name = "embossedlabel"
Arial, 0, 8, 5, 14, 11, 12, 3, 0
Height = 15
Width = 72
FontBold = .f.
FontName = "Arial"
FontSize = 8
BackStyle = 0
Caption = "Check1"
Name = "embossedlogic"
Arial, 0, 8, 5, 14, 11, 12, 3, 0
FontBold = .f.
FontName = "Arial"
FontSize = 8
Alignment = 0
Height = 50
Width = 150
Name = "embossedmemo"
Arial, 0, 8, 5, 14, 11, 12, 3, 0
Height = 100
Width = 150
Visible = .T.
Sizable = .T.
Name = "embossedole"
Width = 149
Height = 25
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "shadowfield"
BackColor = 128,128,128
FillColor = 128,128,128
FillStyle = 0
Height = 20
Left = 51
Top = 4
Width = 97
Name = "Shape1"
FontName = "Arial"
FontSize = 8
Alignment = 1
BackStyle = 0
Caption = "Label1"
Height = 16
Left = 0
Top = 3
Width = 41
TabIndex = 0
Name = "Label1"
FontName = "Arial"
FontSize = 8
BackColor = 255,255,255
Height = 20

Left = 46
SpecialEffect = 1
TabIndex = 0
Top = 0
Width = 97
SelectedBackColor = 128,128,128
Name = "Text1"
Arial, 1, 8, 5, 14, 11, 12, 3, 0
Width = 94
Height = 18
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "shadowlogic"
BackColor = 128,128,128
FillColor = 128,128,128
FillStyle = 0
Height = 11
Left = 57
Top = 5
Width = 11
Name = "Shape1"
Top = -1
Left = 53
Height = 15
Width = 15
Caption = ""
SpecialEffect = 1
TabIndex = 0
Name = "Check1"
FontName = "Arial"
FontSize = 8
Alignment = 1
BackStyle = 0
Caption = "Label1"
Height = 16
Left = -1
Top = 0
Width = 49
TabIndex = 0
Name = "Label1"
Arial, 1, 10, 6, 16, 13, 14, 3, 0
Arial, 1, 8, 5, 14, 11, 12, 3, 0
FontBold = .T.
FontName = "MS Sans Serif"
FontSize = 8
Alignment = 3
Height = 22
SpecialEffect = 1
Width = 100
Name = "standardfield"
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
FontName = "MS Sans Serif"
FontSize = 8
Alignment = 0
BackStyle = 0
Caption = "Label1"
Height = 15
Width = 39
AutoSize = .f.
Name = "standardlabel"
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Height = 16
Width = 68
FontName = "MS Sans Serif"
FontSize = 9
Alignment = 0
BackStyle = 0
Caption = "Check1"
SpecialEffect = 1
Name = "standardlogic"
MS Sans Serif, 1, 9, 6, 13, 11, 12, 2, 0
FontName = "MS Sans Serif"
FontSize = 8
Height = 43
SpecialEffect = 1

Width = 150
Name = "standardmemo"
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Height = 100
Width = 150
Name = "standardole"
ScaleMode = 3
DoCreate = .T.
wizlayout = layoutsty
wizfield = boxfield
wizmemo = boxmemo
wizlogic = boxlogic
wizole = boxole
wizmaxcharfld = 45
wizblsuffix = (":")
wizblcap = proper
wizformstretch = .T.
wizbldefwid = .f.
wiztitle = Label1
wizuser = 0
wizgrid = grid1
wizverify = .T.
wizcodestyle = .T.
Name = "boxform"
Top = 62
Left = 5
Width = 571
Height = 195
TabIndex = 0
Name = "Layoutsty"
Shape1.Height = 194
Shape1.Left = 0
Shape1.Top = 0
Shape1.Width = 570
Shape1.Name = "shape1"
Shape2.Left = 16
Shape2.Top = 1
Shape2.Name = "shape2"
Shape3.Left = 16
Shape3.Top = 13
Shape3.Name = "shape3"
Shape4.Left = 55
Shape4.Top = 1
Shape4.Name = "shape4"
BackColor = 0,0,255
FillColor = 0,0,255
FillStyle = 0
Height = 61
Left = 0
Top = 0
Width = 580
Name = "Shape1"
FontName = "Arial"
FontSize = 20
BackColor = 255,255,255
BackStyle = 0
Caption = "Label1"
ForeColor = 255,255,255
Height = 35
Left = 21
Top = 17
Width = 87
AutoSize = .T.
Name = "Label1"
BackColor = 0,0,255
FillColor = 0,0,255
FillStyle = 0
Height = 61
Left = 0
Top = 261
Width = 580
Name = "Shape2"
Arial, 1, 10, 6, 16, 13, 14, 3, 0
Arial, 1, 20, 13, 33, 25, 28, 7, 1
ScaleMode = 3
DoCreate = .T.

wizlayout = layoutsty
 wizfield = chiselfield
 wizmemo = chiselmemo
 wizlogic = chisellogic
 wizole = chiselope
 wizmaxcharfld = 45
 wizlblsuffix = (":")
 wizblcap = proper
 wizformstretch = .T.
 wizbldefwid = .T.
 wiztitle = Label1
 wizuser = 0
 wizgrid = grid1
 wizverify = .T.
 wizbtnpos = 0
 wizcodestyle = .T.
 Name = "chiselform"
 Top = 53
 Left = 2
 Width = 573
 Height = 213
 TabIndex = 0
 ZOrderSet = 0
 odimensions = Shape1
 Name = "Layoutsty"
 Shape1.Height = 212
 Shape1.Left = 0
 Shape1.Top = 0
 Shape1.Width = 572
 Shape1.Name = "shape1"
 Shape2.Left = 16
 Shape2.Top = 7
 Shape2.Name = "shape2"
 Shape3.Left = 16
 Shape3.Top = 22
 Shape3.Name = "shape3"
 Shape4.Left = 255
 Shape4.Top = 7
 Shape4.Name = "shape4"
 Height = 2
 Left = 0
 Top = 270
 Width = 584
 ZOrderSet = 1
 Name = "Shape2"
 BorderColor = 0,0,0
 FillColor = 0,0,0
 FillStyle = 0
 Height = 50
 Left = 0
 Top = 0
 Width = 580
 ZOrderSet = 2
 Name = "Shape3"
 FontSize = 20
 BackColor = 0,0,0
 BackStyle = 0
 Caption = "Label1"
 ForeColor = 255,255,255
 Height = 35
 Left = 19
 Top = 10
 Width = 87
 AutoSize = .T.
 ZOrderSet = 3
 Name = "Label1"
 Arial, 1, 10, 6, 16, 13, 14, 3, 0
 Arial, 1, 20, 13, 33, 25, 28, 7, 1
 ScaleMode = 3
 DoCreate = .T.
 BackColor = 192,192,192
 wizlayout = layoutsty
 wizfield = embossedfield
 wizmemo = embossedmemo
 wizlogic = embossedlogic
 wizole = embossedole

wizmaxcharfld = 45
 wizlblsuffix = (":")
 wizblcap = proper
 wizformstretch = .T.
 wizbldefwid = .T.
 wiztitle = Label1
 wizuser = 0
 wizgrid = grid1
 wizverify = .T.
 wizbtnpos = 0
 wizcodestyle = .T.
 wizcboxlbl = .T.
 wizlabel = embossedlabel
 Name = "embossedform"
 Top = 54
 Left = 4
 Width = 571
 Height = 205
 TabIndex = 0
 Name = "Layoutsty"
 Shape1.Height = 205
 Shape1.Left = 0
 Shape1.Top = 0
 Shape1.Width = 570
 Shape1.Name = "shape1"
 Shape2.Left = 6
 Shape2.Top = 7
 Shape2.Name = "shape2"
 Shape3.Left = 6
 Shape3.Top = 22
 Shape3.Name = "shape3"
 Shape4.Left = 49
 Shape4.Top = 7
 Shape4.Name = "shape4"
 FontBold = .T.
 FontName = "Times New Roman"
 FontSize = 20
 BackStyle = 0
 Caption = "Label1"
 Height = 34
 Left = 12
 Top = 8
 Width = 81
 AutoSize = .T.
 Name = "Label1"
 BackColor = 128,128,128
 BorderColor = 128,128,128
 Height = 1
 Left = 5
 Top = 42
 Width = 568
 Name = "Shape1"
 BackColor = 255,255,255
 BorderColor = 255,255,255
 Height = 1
 Left = 5
 Top = 43
 Width = 568
 Name = "Shape2"
 BackColor = 128,128,128
 BorderColor = 128,128,128
 Height = 1
 Left = 6
 Top = 264
 Width = 568
 Name = "Shape3"
 BackColor = 255,255,255
 BorderColor = 255,255,255
 Height = 1
 Left = 6
 Top = 265
 Width = 568
 Name = "Shape4"
 Arial, 1, 10, 6, 16, 13, 14, 3, 0
 Times new Roman, 1, 20, 12, 32, 25, 28, 6, 1
 ScaleMode = 3

DoCreate = .T.
 wizlayout = layoutsty
 wizfield = shadowfield
 wizmemo = shadowmemo
 wizlogic = shadowlogic
 wizole = shadowole
 wizmaxcharfld = 45
 wizlblsuffix = (":")
 wizblcap = proper
 wizformstretch = .T.
 wizbldefwid = .T.
 wiztitle = Label1
 wizuser = 0
 wizgrid = grid1
 wizverify = .T.
 wizbtnpos = 0
 wizcodestyle = .T.
 Name = "shadowform"
 Top = 54
 Left = 7
 Width = 564
 Height = 205
 TabIndex = 0
 odimensions = Shape1
 Name = "Layoutsty"
 Shape1.Height = 205
 Shape1.Left = 0
 Shape1.Top = 0
 Shape1.Width = 563
 Shape1.Name = "shape1"
 Shape2.Left = 16
 Shape2.Top = 7
 Shape2.Name = "shape2"
 Shape3.Left = 16
 Shape3.Top = 22
 Shape3.Name = "shape3"
 Shape4.Left = 56
 Shape4.Top = 7
 Shape4.Name = "shape4"
 Height = 2
 Left = 0
 Top = 48
 Width = 584
 Name = "Shape1"
 Height = 2
 Left = 2
 Top = 264
 Width = 584
 Name = "Shape2"
 FontSize = 14
 BackStyle = 0
 Caption = "Label1"
 Height = 25
 Left = 26
 Top = 12
 Width = 62
 AutoSize = .T.
 Name = "Label1"
 Arial, 1, 10, 6, 16, 13, 14, 3, 0
 Arial, 1, 14, 9, 23, 18, 20, 4, 1
 ScaleMode = 3
 DoCreate = .T.
 BackColor = 255,255,255
 wizlayout = layoutsty
 wizfield = standardfield
 wizmemo = standardmemo
 wizlogic = standardlogic
 wizole = standardole
 wizmaxcharfld = 45
 wizlblsuffix = (":")
 wizblcap = proper
 wizformstretch = .T.
 wizbldefwid = .T.
 wiztitle = Label1
 wizuser = 0
 wizgrid = grid1

```

wizverify = .T.
wizbtnpos = 0
wizcodestyle = .T.
wizlabel = standardlabel
wizlblspace = 10
wizcheckboxl = .T.
Name = "standardform"
Top = 6
Left = 9
Width = 561
Height = 253
TabIndex = 0
odimensions = Shape1
Name = "Layoutsty"
Shape1.Height = 252
Shape1.Left = 0
Shape1.Top = 0
Shape1.Width = 561
Shape1.Name = "shape1"
Shape2.Left = 16
Shape2.Top = 7
Shape2.Name = "shape2"
Shape3.Left = 16
Shape3.Top = 22
Shape3.Name = "shape3"
Shape4.Left = 56
Shape4.Top = 7
Shape4.Name = "shape4"
Arial, 1, 10, 6, 16, 13, 14, 3, 0
Width = 94
Height = 276
Name = "vertxtbtms"
cmdPrev.Top = 24
cmdPrev.Left = 0
cmdPrev.Name = "cmdPrev"
cmdNext.Top = 48
cmdNext.Left = 0
cmdNext.Name = "cmdNext"
cmdTop.Top = 0
cmdTop.Left = 0
cmdTop.Name = "cmdTop"
cmdEnd.Top = 72
cmdEnd.Left = 0
cmdEnd.Name = "cmdEnd"
cmdFind.Top = 108
cmdFind.Left = 0
cmdFind.Width = 55
cmdFind.Name = "cmdFind"
cmdPrint.Top = 132
cmdPrint.Left = 0
cmdPrint.Width = 55
cmdPrint.Name = "cmdPrint"
cmdExit.Top = 252
cmdExit.Left = 0
cmdExit.Height = 24
cmdExit.Width = 55
cmdExit.Name = "cmdExit"
cmdAdd.Top = 168
cmdAdd.Left = 0
cmdAdd.Name = "cmdAdd"
cmdDelete.Top = 216
cmdDelete.Left = 0
cmdDelete.Name = "cmdDelete"
cmdEdit.Top = 192
cmdEdit.Left = 0
cmdEdit.Name = "cmdEdit"
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Width = 207
Height = 111
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "shadowole"
BackColor = 128,128,128
FillColor = 128,128,128
FillStyle = 0

```

```

Height = 100
Left = 54
Top = 7
Width = 150
Name = "shape1"
BackColor = 255,255,255
BorderColor = 0,0,0
FillColor = 255,255,255
FillStyle = 0
Height = 100
Left = 49
Top = 3
Width = 150
Name = "Shape2"
FontName = "Arial"
FontSize = 8
Alignment = 1
BackStyle = 0
Caption = "Label1"
Height = 16
Left = 0
Top = 4
Width = 40
TabIndex = 0
Name = "label1"
Top = 3
Left = 49
Height = 100
Width = 150
TabIndex = 0
Name = "oleboundcontrol1"
Arial, 1, 8, 5, 14, 11, 14, 3, 0
Width = 204
Height = 56
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "shadowmemo"
BackColor = 128,128,128
FillColor = 128,128,128
FillStyle = 0
Height = 48
Left = 54
Top = 7
Width = 150
Name = "Shape1"
FontName = "Arial"
FontSize = 8
Alignment = 1
BackStyle = 0
Caption = "Label1"
Height = 16
Left = -1
Top = 4
Width = 40
TabIndex = 0
Name = "Label1"
FontName = "Arial"
FontSize = 8
BackColor = 255,255,255
Height = 48
Left = 49
SpecialEffect = 1
TabIndex = 0
Top = 2
Width = 150
Name = "Edit1"
Arial, 1, 8, 5, 14, 11, 14, 3, 0
Width = 452
Height = 160
BackColor = 192,192,192
BackStyle = 0
TabIndex = 1
remotedelimiter = (.f.)
Name = "searchclass"
procedure searchexpr

```

```

LOCAL
cGetExpr1,cGetExpr2,cJoin,cGetExpr

m.cGetExpr1 =
this.SearchItem(this.cboFields1,this.cboOper
ators1,this.txtExpr1)
m.cGetExpr2 =
this.SearchItem(this.cboFields2,this.cboOper
ators2,this.txtExpr2)
m.cJoin = IIF(this.optGrpAndOr.Value =
2," OR "," AND ")

do CASE
CASE empty(m.cGetExpr1) and
empty(m.cGetExpr2)
m.cGetExpr = ""
CASE empty(m.cGetExpr2)
m.cGetExpr = m.cGetExpr1
CASE empty(m.cGetExpr1)
m.cGetExpr = m.cGetExpr2
OTHERWISE
m.cGetExpr =
m.cGetExpr1+m.cJoin+m.cGetExpr2
ENDCASE

RETURN m.cGetExpr
ENDPROC
procedure dataexpr
LPARAMETER cDataType,cFldExpr

LOCAL cTmpExpr

do CASE
CASE
INLIST(m.cDataType,"M","G","P","O","U")
RETURN ""

CASE m.cDataType = "C"
IF TYPE("'+m.cFldExpr) # "L"
IF this.remotedelimiter
cTmpExpr = "'"+m.cFldExpr+"'"
ELSE
cTmpExpr = "["+m.cFldExpr+"]"
ENDIF
ELSE
cTmpExpr = m.cFldExpr
ENDIF

* Check for case sensitive
IF this.chkCaseSensitive.Value = 0
m.cTmpExpr=
"UPPER("'+m.cTmpExpr+')"
ENDIF
RETURN m.cTmpExpr

CASE
INLIST(m.cDataType,"N","F","I","Y","B")
* Check for any commas and remove
RETURN
alltrim(STR(VAL(STRTRAN(m.cFldExpr,","
)),16,4))

CASE INLIST(m.cDataType,"D","T")
RETURN
"{'"+CHRTRAN(m.cFldExpr,"{}",",")+"}"

OTHERWISE
RETURN ""

ENDCASE

ENDPROC
procedure SearchItem
LPARAMETERS oField,oOp,oExpr

```

```

LOCAL
cExpr,cDataType,cOp,cFldName,cFldExpr,c
RetExpr,aExprs,nTotExprs,i

* Check to make sure proper parameters
passed
IF TYPE("m.oField")#"O" OR
TYPE("m.oOp")#"O" OR
TYPE("m.oExpr")#"O"
RETURN ""
ENDIF

m.cFldName = alltrim(m.oField.Value)
m.cFldExpr = alltrim(m.oExpr.Value)

* If empty expression return empty.
IF empty(m.cFldExpr) and
m.oOp.listitemid # 5
RETURN ""
ENDIF

* Get data type of field
m.cDataType =
aWizFList(m.oField.listitemid,2)

IF m.cDataType = "C" and
this.chkCaseSensitive.Value = 0
m.cFldName =
"UPPER("+m.cFldName+")"
ENDIF

* Get the operator language equivalent
do CASE
CASE m.oOp.listitemid = 1 && equals
m.cOp = "="
CASE m.oOp.listitemid = 2 && not equals
m.cOp = "<>"
CASE m.oOp.listitemid = 3 && more than
m.cOp = ">"
CASE m.oOp.listitemid = 4 && less than
m.cOp = "<"
CASE m.oOp.listitemid = 5 && is blank
RETURN "EMPTY("+m.cFldName+")"
CASE m.oOp.listitemid = 6 && is NULL
RETURN "ISNULL("+m.cFldName+")"
CASE m.cDataType = "L" && don't allow
other options for logical type
m.cOp = "="
CASE m.oOp.listitemid = 7 && contains
m.cFldExpr =
this.dataexpr(m.cDataType,m.cFldExpr)
RETURN
"AT("+m.cFldExpr+", "+m.cFldName+")>0"
OTHERWISE
nTotExprs = OCCURS(", "+m.cFldExpr)+1
DIMENSION aExprs[m.nTotExprs]
FOR i = 1 to m.nTotExprs
do CASE
CASE m.i = m.nTotExprs
aExprs[m.i] =
SUBSTR(m.cFldExpr,RAT(", "+m.cFldExpr)+
1)
CASE m.i = 1
aExprs[m.i] =
Left(m.cFldExpr,AT(", "+m.cFldExpr)-1)
OTHERWISE
aExprs[m.i] =
SUBSTR(m.cFldExpr,AT(", "+m.cFldExpr,m.i
-1)+1,;
AT(", "+m.cFldExpr,m.i)-
AT(", "+m.cFldExpr,m.i-1)-1)
ENDCASE
aExprs[m.i] =
this.dataexpr(m.cDataType,aExprs[m.i])
ENDFOR

```

```

do CASE
CASE m.oOp.listitemid = 8 && in
m.cFldExpr = ""
FOR i = 1 to m.nTotExprs
m.cFldExpr = m.cFldExpr + aExprs[m.i]
IF m.i # m.nTotExprs
m.cFldExpr = m.cFldExpr + ", "
ENDIF
ENDFOR
RETURN
"INLIST("+m.cFldName+", "+m.cFldExpr+")"
"
CASE m.oOp.listitemid = 9 && between
IF ALEN(aExprs)=1
DIMENSION aExprs[2]
aExprs[2] = aExprs[1]
ENDIF
IF ALEN(aExprs)>2
DIMENSION aExprs[2]
ENDIF
RETURN
"BETWEEN("+m.cFldName+", "+aExprs[1]+
", "+aExprs[2]+")"
OTHERWISE
RETURN ""
ENDCASE
ENDCASE

do CASE
CASE
INLIST(m.cDataType,"M","G","P","O","U")
RETURN ""
CASE m.cDataType = "L"
IF
TYPE(m.cFldName+m.cOp+m.cFldExpr) #
"L"
IF AT(m.cFldExpr,"fFnN")#0
m.cFldName = "!" +m.cFldName
ENDIF
RETURN m.cFldName
ENDIF
OTHERWISE
m.cFldExpr =
this.dataexpr(m.cDataType,m.cFldExpr)
ENDCASE

IF empty(m.cFldExpr)
RETURN ""
ELSE
RETURN
m.cFldName+m.cOp+m.cFldExpr
ENDIF

ENDPROC
procedure Destroy
release aWizFList

ENDPROC
FontName = "MS Sans Serif"
FontSize = 8
ControlSource = ""
Height = 23
Left = 11
Style = 2
TabIndex = 1
Top = 25
Width = 141
ItemBackColor = 255,255,255
ColorSource = 3
Name = "cboFields1"
procedure Init
LOCAL i
PUBLIC aWizFList
DIMENSION aWizFList[1]
=AFIELDS(aWizFList)

```

```

FOR m.i = FCOUNT() to 1 STEP -1
IF
INLIST(aWizFList[m.i,2],"G","M","U")
&&Memo field
=ADEL(aWizFList,m.i)
DIMENSION
aWizFList[MAX(1,ALEN(aWizFList,1)-
1),11]
ENDIF
ENDFOR
this.RowSourceType = 5
this.RowSource = "aWizFList"
this.Value = this.LIST[1]

ENDPROC
FontName = "MS Sans Serif"
FontSize = 8
Alignment = 0
Height = 23
Left = 158
Style = 2
TabIndex = 2
Top = 25
Width = 96
DisabledForeColor = 0,0,0
ItemBackColor = 255,255,255
ColorSource = 3
Name = "cboOperators1"
procedure Init
#DEFINE C_OPERATORS_LOC
"equals\;not equals\;more than\;less than\;is
blank\;is NULL\;contains\;in\;between"
this.ADDITEM(C_OPERATORS_LOC)
this.Value = this.LIST[1]

ENDPROC
procedure InteractiveChange
IF INLIST(this.listitemid,5,6)
this.Parent.txtExpr1.Value = ""
ENDIF
this.Parent.txtExpr1.Enabled =
!INLIST(this.listitemid,5,6)

ENDPROC
FontName = "MS Sans Serif"
FontSize = 8
Height = 23
Left = 260
TabIndex = 3
Top = 25
Width = 176
Name = "txtExpr1"
FontName = "MS Sans Serif"
FontSize = 8
Height = 23
Left = 11
Style = 2
TabIndex = 4
Top = 117
Width = 141
ItemBackColor = 255,255,255
ColorSource = 3
Name = "cboFields2"
procedure Init
this.RowSourceType = 5
this.RowSource = "aWizFList"
this.Value = this.LIST[1]

ENDPROC
FontName = "MS Sans Serif"
FontSize = 8
Height = 23
Left = 160
Style = 2
TabIndex = 5
Top = 117

```



```

Width = 96
DisabledForeColor = 0,0,0
ItemBackColor = 255,255,255
ColorSource = 3
Name = "cboOperators2"
procedure Init
  #DEFINE C_OPERATORS_LOC
  "equals\;not equals\;more than\;less than\;is
blank\;is NULL\;contains\;in\;between"
  this.ADDITEM(C_OPERATORS_LOC)
  this.Value = this.LIST[1]

ENDPROC
procedure InteractiveChange
  IF INLIST(this.listitemid,5,6)
    this.Parent.txtExpr2.Value = ""
  ENDF
  this.Parent.txtExpr2.Enabled =
!INLIST(this.listitemid,5,6)

ENDPROC
FontName = "MS Sans Serif"
FontSize = 8
Height = 23
Left = 260
TabIndex = 6
Top = 118
Width = 176
Name = "txtExpr2"
ButtonCount = 2
BackStyle = 0
Value = 1
Height = 46
Left = 50
Top = 55
Width = 58
AutoSize = .T.
TabIndex = 7
Name = "optgrpAndOr"
Option1.FontBold = .T.
Option1.FontName = "MS Sans Serif"
Option1.FontSize = 8
Option1.BackStyle = 0
Option1.Caption = "\<And"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 48
Option1.Name = "Option1"
Option2.FontBold = .T.
Option2.FontName = "MS Sans Serif"
Option2.FontSize = 8
Option2.BackStyle = 0
Option2.Caption = "\<Or"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 23
Option2.Width = 39
Option2.Name = "Option2"
procedure Init
  this.Value = 1
ENDPROC
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = "Field:"
Height = 16
Left = 12
Top = 7
Width = 102
Name = "label1"
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = "Operator:"
Height = 16
Left = 158
Top = 7
Width = 93
Name = "label2"
FontBold = .T.
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = "Value:"
Height = 16
Left = 262
Top = 7
Width = 165
Name = "label3"
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = "Field:"
Height = 16
Left = 12
Top = 99
Width = 102
Name = "label4"
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = "Operator:"
Height = 16
Left = 161
Top = 99
Width = 93
Name = "label5"
FontBold = .T.
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = "Value:"
Height = 16
Left = 262
Top = 99
Width = 165
Name = "label6"
Top = 69
Left = 290
Height = 15
Width = 105
FontName = "MS Sans Serif"
FontSize = 8
AutoSize = .T.
BackStyle = 0
Caption = "Case Sensiti\<ve"
TabIndex = 8
Name = "chkCaseSensitive"
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
DataSession = 1
ScaleMode = 3
Height = 320
Width = 580
DoCreate = .T.
AutoCenter = .T.
BackColor = 192,192,192
Caption = "Form1"
Enabled = .T.
wizlayout =
wizfield =
wizmemo =
wizlogic = 0
wizole =
wizmaxcharfld = 0
wizblsuffix = 0
wizblcap = 0
wizformstretch = 0
wizbldefwid = 0
wiztitle =
wizuser = 0
wizgrid =
wizverify = 0
wizbuttons = 0
wizbtnpos = 0
wizcodestyle = 0
wizbtnlayout = 0
wizcaptions = .T.
wizbuffering = 5
wizlabel =
wizlblspace = 0
Name = "baseform"
Arial, 1, 10, 6, 16, 13, 16, 3, 0
Width = 148
Height = 24
BackColor = 192,192,192
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "chiselfield"
BackColor = 255,255,255
Height = 2
Left = 46
Top = 20
Width = 97
SpecialEffect = 0
Name = "Shape1"
FontName = "Arial"
FontSize = 8
Alignment = 1
BackStyle = 0
Caption = "Label1"
Height = 13
Left = 0
Top = 5
Width = 45
ColorSource = 3
TabIndex = 0
Name = "Label1"
FontBold = .f.
FontName = "Arial"
FontSize = 8
BackColor = 192,192,192
BackStyle = 0
BorderStyle = 0
Height = 17
Left = 46
SpecialEffect = 1
TabIndex = 0
Top = 3
Width = 97
DisabledForeColor = 0,0,128
SelectedForeColor = 255,255,255
SelectedBackColor = 0,0,0
Name = "Text1"
Arial, 1, 8, 5, 14, 11, 12, 3, 0
Arial, 0, 8, 5, 14, 11, 12, 3, 0
Width = 198
Height = 52
BackColor = 192,192,192
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "chiselmemo"
BackColor = 255,255,255
Height = 2
Left = 46
Top = 50
Width = 150
SpecialEffect = 0
Name = "Shape1"
FontName = "Arial"
FontSize = 8
Alignment = 1
BackStyle = 0
Caption = "Label1"

```

```

Height = 13
Left = 0
Top = 3
Width = 43
ColorSource = 3
TabIndex = 0
Name = "Label1"
FontBold = .f.
FontName = "Arial"
FontSize = 8
BackColor = 192,192,192
BackStyle = 0
Height = 48
Left = 46
SpecialEffect = 0
TabIndex = 0
Top = 0
Width = 150
DisabledForeColor = 0,0,128
SelectedForeColor = 255,255,255
SelectedBackColor = 0,0,0
Name = "Edit1"
Arial, 1, 8, 5, 14, 11, 12, 3, 0
Arial, 0, 8, 5, 14, 11, 12, 3, 0
Width = 94
Height = 18
BackColor = 192,192,192
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "chisellogic"
BackColor = 255,255,255
DragMode = 0
Height = 2
Left = 53
Top = 15
Width = 11
SpecialEffect = 0
Name = "Shape1"
Top = 0
Left = 53
Height = 15
Width = 15
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = ""
SpecialEffect = 0
TabIndex = 0
Name = "Check1"
FontName = "Arial"
FontSize = 8
Alignment = 1
BackStyle = 0
Caption = "Label1"
Height = 13
Left = 0
Top = 1
Width = 49
ColorSource = 3
TabIndex = 0
Name = "Label1"
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Arial, 1, 8, 5, 14, 11, 12, 3, 0
Width = 200
Height = 109
BackColor = 192,192,192
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "chiselole"
FontName = "Arial"
FontSize = 8
Alignment = 1
BackStyle = 0
Caption = "Label1"

```

```

Height = 13
Left = 0
Top = 3
Width = 43
ColorSource = 3
TabIndex = 0
Name = "label1"
Top = 0
Left = 46
Height = 100
Width = 150
TabIndex = 0
Name = "oleboundcontrol1"
BackColor = 255,255,255
Height = 2
Left = 45
Top = 103
Width = 150
SpecialEffect = 0
Name = "shape1"
Arial, 1, 8, 5, 14, 11, 12, 3, 0
ScaleMode = 3
Height = 293
Width = 401
DoCreate = .T.
AutoCenter = .T.
BackColor = 192,192,192
Caption = "Add Record"
WindowType = 1
Name = "gridaddform"
procedure Init
    LPARAMETERS
    cFldKey,cKeyValue,nBtnAction,nAddAction
    ,lChildPrimaryKey,lUpdatableParentKey,lNo
    SendUpdates

    IF parameters() # 7
        RETURN .f.
    ENDIF

    this.CommandGroup1.Value = 0
    this.Label3.Caption = m.cFldKey
    this.cKeyValue = m.cKeyValue

    do CASE
CASE m.lNoSendUpdates
    * Send Parent Updates
    this.Optiongroup1.Option1.Enabled = .f.
    this.Optiongroup1.Option3.Enabled = .f.
CASE !m.lUpdatableParentKey
    * Updatable parent key
    this.Optiongroup1.Option3.Enabled = .f.
ENDCASE

* Has a primary key
IF m.lChildPrimaryKey
    this.Optiongroup1.Option2.Enabled = .f.
ENDIF

do CASE
CASE TYPE("THIS.cKeyValue") = "C"
    this.Text1.Value = ""
CASE
ATC(TYPE("THIS.cKeyValue"),"NYIBF") #
0
    this.Text1.Value = 0
CASE ATC(TYPE("THIS.cKeyValue"),"DT")
# 0
    this.Text1.Value = {//}
CASE TYPE("THIS.cKeyValue") = "L"
    this.Text1.Value = .T.
ENDCASE

ENDPROC
AutoSize = .T.
ButtonCount = 3

```

```

BackStyle = 0
BorderStyle = 0
Value = 2
ControlSource = "nAddAction"
Height = 68
Left = 36
SpecialEffect = 0
Top = 48
Width = 218
TabIndex = 1
Name = "Optiongroup1"
Option1.BackStyle = 0
Option1.Caption = "Add record to parent
only"
Option1.Value = 0
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 181
Option1.AutoSize = .T.
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Add record to child
(grid) only"
Option2.Value = 1
Option2.Height = 18
Option2.Left = 5
Option2.Top = 25
Option2.Width = 208
Option2.AutoSize = .T.
Option2.Name = "Option2"
Option3.BackStyle = 0
Option3.Caption = "Add record to both"
Option3.Value = 0
Option3.Height = 18
Option3.Left = 5
Option3.Top = 45
Option3.Width = 137
Option3.AutoSize = .T.
Option3.Name = "Option3"
procedure InteractiveChange
do CASE
CASE this.Value = 2
    Thisform.Text1.Value =
Thisform.cKeyValue
CASE TYPE("THISFORM.cKeyValue") =
"C"
    Thisform.Text1.Value = ""
CASE
ATC(TYPE("THISFORM.cKeyValue"),"NYI
BF") # 0
    Thisform.Text1.Value = 0
CASE
ATC(TYPE("THISFORM.cKeyValue"),"DT")
# 0
    Thisform.Text1.Value = {//}
CASE TYPE("THISFORM.cKeyValue") =
"L"
    Thisform.Text1.Value = .T.
ENDCASE

Thisform.Text1.ReadOnly = (this.Value = 2)

ENDPROC
AutoSize = .T.
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1.00
ControlSource = "nBtnAction"
Height = 39
Left = 120
Top = 248
Width = 163
Name = "Commandgroup1"
Command1.Top = 5

```

```

Command1.Left = 5
Command1.Height = 29
Command1.Width = 70
Command1.Caption = "Add"
Command1.TabIndex = 1
Command1.Name = "Command1"
Command2.Top = 5
Command2.Left = 88
Command2.Height = 29
Command2.Width = 70
Command2.Caption = "Cancel"
Command2.TabIndex = 2
Command2.Name = "Command2"
procedure Click
  cKeyValue = this.Parent.Text1.Value
  nAddAction =
this.Parent.Optiongroup1.Value
  nBtnAction = this.Value
  Thisform.release()
ENDPROC
Alignment = 0
Height = 24
Left = 132
TabIndex = 3
Top = 192
Width = 218
Name = "Text1"
AutoSize = .T.
BackStyle = 0
Caption = "Key value:"
Height = 18
Left = 48
Top = 196
Width = 67
Name = "Label1"
AutoSize = .T.
BackStyle = 0
Caption = "A. Select option for adding
records:"
Height = 18
Left = 24
Top = 24
Width = 225
Name = "Label2"
FontItalic = .T.
BackStyle = 0
Caption = "Label3"
Height = 16
Left = 132
Top = 168
Width = 145
Name = "Label3"
AutoSize = .T.
BackStyle = 0
Caption = "Key field:"
Height = 18
Left = 48
Top = 168
Width = 60
Name = "Label4"
AutoSize = .T.
BackStyle = 0
Caption = "B: Enter key value linking parent
and child records:"
Height = 18
Left = 24
Top = 132
Width = 325
Name = "Label5"
Arial, 1, 10, 6, 16, 13, 15, 3, 0
Arial, 3, 10, 6, 16, 13, 17, 3, 0
Height = 22
Width = 39
Name = "gridaddrec"
procedure runaddform
  #DEFINE C_NOOBJ_LOC "Failed to
create the Add Record form class. Check or
reinstall the WIZSTYLE.VCX file."

  private
  cFldKey,cKeyValue,nBtnAction,nAddAction
,oGridAddForm

  IF TYPE("THIS.KeyField") # "C"
    this.KeyField = ""
  ENDIF

  cFldKey = this.KeyField
  cKeyValue = this.KeyValue
  nBtnAction = 1
  nAddAction = 1

  oGridAddForm =
CREATE("gridaddform",m.cFldKey,m.cKey
Value,;
M.nBtnAction,m.nAddAction,this.ChildPrim
aryKey,this.UpdatableParentKey,this.NoSend
Updates)

  IF TYPE("m.oGridAddForm") # "O"
    =MESSAGEBOX(C_NOOBJ_LOC)
    this.AddOption = 0
    RETURN
  ENDIF

  IF this.NoSendUpdates
    oGridAddForm.Optiongroup1.Value = 2
    oGridAddForm.Text1.Value =
m.cKeyValue
  ENDIF

  oGridAddForm.Show()

  this.AddOption =
IIF(m.nBtnAction=1,m.nAddAction,0)
  this.KeyValue = m.cKeyValue

ENDPROC
Width = 553
Height = 25
BackStyle = 0
BorderWidth = 0
Visible = .T.
TabIndex = 1
nworkarea = 0
editmode = 0
previewmode = .f.
topfile = 0
endfile = 0
oldrefresh = 0
oldrec = 0
oldreprocess = 0
previewinit = .T.
usedataenv = .T.
viewkey = ("")
Name = "txtbtns"
procedure buttonrefresh
  * This is a generic routine which refreshes
the buttons
  * for appropriate table environments.
  IF SELECT()# this.nworkarea
    SELECT (this.nworkarea)
  ENDIF

  this.SetAllProp()
  this.cmdFind.Enabled = !this.editmode
  this.cmdPrint.Enabled = !this.editmode
  this.cmdExit.Enabled = !this.editmode
  this.cmdDelete.Enabled = !this.editmode
  and !ISREADONLY()

  this.SetCaption()
ENDPROC
procedure initvars

  #DEFINE C_NOUPDATEVIEW_LOC
"Edits to one or more of the Views may not
be permanent. "+;
  "To remedy this, ensure the View's Send
SQL Updates checkbox is checked in the
View Designer."
  #DEFINE C_READONLY_LOC "The
table is Read-Only. You will not be able to
edit it."

  LOCAL
  aTablesUsed,nTablesUsed,i,aMems,nTotMem
,m,cWizFile,IShowedMess
  DIMENSION aTablesUsed[1]
  DIMENSION aMems[1]

  * This routine sets the member variables
  this.viewkey = ""
  this.ParentKey = ""
  this.ViewType = 3
  this.GridAlias = ""
  this.topfile = .f.
  this.endfile = .f.
  this.AddMode = .f.

  this.nworkarea = SELECT()
  this.oldSetDelete = set("DELETED")
  set deleted on
  this.oldreprocess = set("REPROCESS")
  set REPROCESS to 0

  * Check for data environment
  this.usedataenv =
(TYPE("THISFORM.DataEnvironment") =
"O")

  * These properties should not be used.
They are reserved for use by
  * the Preview button of the Form Wizards.
  this.previewmode =
IIF(TYPE("THIS.PreviewMode")#"L",.f.,this
.previewmode)
  this.previewinit =
IIF(TYPE("THIS.PreviewInit")#"L",.T.,this.p
reviewinit)

  IF this.usedataenv
    nTotMem =
AMEMBERS(aMems,Thisform.Dataenviron
ment,2)
    with Thisform.Dataenvironment

    * Check for relation
    FOR i = 1 to m.nTotMem
      IF
UPPER(EVAL("."+aMems[m.i]+".BaseClass
")) = "RELATION"
        this.oDataRelation =
"THISFORM.DataEnvironment."+aMems[m.
i]
        EXIT
      ENDIF
    ENDFOR

    * Check for Views
    FOR i = 1 to m.nTotMem
      IF
UPPER(EVAL("."+aMems[m.i]+".BaseClass
")) = "CURSOR"
        with EVAL("."+aMems[m.i])
          IF
CURSORGETPROP("SourceType",.Alias)#3

```

```

* Check if we need to
requery for deleted records.
* -- Note: Parameterized
views are not requeried so all
records will be brought
over. To remedy this situation
* you can place a SET
DELETED ON command in the
* BeforeOpenTables event
of the DataEnvironment.
IF this.oldSetDelete =
"OFF" and
ATC("?",CURSORGETPROP("SQL",.Alias)
)=0
    =Requery(.Alias)
    ENDIF
    * Check if updates are made
    IF
!CURSORGETPROP("SendUpdates",.Alias)
and !m.lShowedMess
=MESSAGEBOX(C_NOUPDATEVIEW_L
OC)
    lShowedMess = .T.
    ENDIF
    ENDIF
    Endwith
    ENDIF
    ENDFOR
    Endwith
    ENDIF
    this.editmode =
IIF(TYPE("THIS.EditMode")#"L",.f.,this.edit
mode)
    IF ISREADONLY()
        wait WINDOW C_READONLY_LOC
TIMEOUT 2
        this.editmode = .f.
    ENDIF
    * Disable appropriate buttons
    this.cmdAdd.Enabled = !ISREADONLY()
    this.cmdEdit.Enabled = !ISREADONLY()
    this.cmdDelete.Enabled =
!ISREADONLY()
    IF this.previewmode
        RETURN
    ENDIF
    this.GetGridRef()
    IF this.usedataenv
        RETURN
    ENDIF
    * The following code is here to support
forms not using a DataEnvironment.
    this.oldSetFields = set("FIELDS")
    set FIELDS off
    this.oldMultiLocks =
set("MULTILOCKS")
    set MULTILOCKS on
    this.oldrefresh = set("REFRESH")
    set Refresh to 5
    IF !empty(Alias())
this.oldBuffering=CURSORGETPROP("buff
ering")
    m.nTablesUsed = AUSED(aTablesUsed)
    FOR i = 1 to m.nTablesUsed

```

```

IF
CURSORGETPROP('sourcetype',aTablesUse
d[m.i,1])#3 &&skip for views
=CursorSetProp("buffering",5,aTablesUsed[
m.i,1]) &&optimistic table buffering
    ENDF
    ENDFOR
    ENDF
    GO Top
ENDPROC
procedure updatereows
    #DEFINE E_FAIL_LOC "Failed to
update table: "
    #DEFINE E_TRIGGERFAIL_LOC
"Trigger failed."
    #DEFINE E_FIELDNULL_LOC "Field
doesn't accept NULL"
    #DEFINE E_FIELDRULE_LOC "Field
rule violated"
    #DEFINE E_RECORDLOCK_LOC
"Record in use by another user"
    #DEFINE E_ROWRULE_LOC "Row
rule violated"
    #DEFINE E_UNIQUEINDEX_LOC
"Unique index violation"
    #DEFINE E_DIRTYREC_LOC "Data
has been changed by another user. Overwrite
changes with your edits?"
    #DEFINE E_NOFORCE_LOC "Could
not force table updates."
    #DEFINE E_PROMPT_LOC "Error: "
    #DEFINE MSGBOX_YES 6
    LOCAL
aErrors,cErrorMessage,aTablesUsed,nTables
Used,nTotErr
    LOCAL
nFld,i,nOldArea,lSuccess,lInDBC,lOverwrite
,lHadMessage
    DIMENSION aTablesUsed[1]
    DIMENSION aErrors[1]
    m.cErrorMessage=""
    m.lSuccess = .T.
    m.nOldArea = SELECT()
    m.nTablesUsed = AUSED(aTablesUsed)
    * Can wrap everything in transaction if
using strictly DBCs
    FOR i = 1 to m.nTablesUsed
        SELECT (aTablesUsed[m.i,1])
        m.lInDBC =
!empty(CURSORGETPROP("Database"))
        m.cErrorMessage = ""
        m.lOverwrite = .f.
        m.lHadMessage = .f.
        do CASE
        CASE CURSORGETPROP("Buffering") =
1
            * Skip if buffering not on
            LOOP
        CASE GETFLDSTATE(0) = 2
&&deleted record
            * Only delete current record and force it
            m.lSuccess = TableUpdate(.f,..T.)
            IF m.lSuccess &&successful update
                LOOP
            ENDIF
        CASE !m.lInDBC and
(ATC("2",GETFLDSTATE(-1))#0 OR;

```

```

ATC("3",GETFLDSTATE(-1))#0)
* Field was edited - in Free Table
* Since free tables are not supported by
transactions,
* we must process record by record
m.nModRecord = GetNextMod(0)
do while m.nModRecord # 0 &&loop
locks all records
GO m.nModRecord
m.lSuccess = RLOCK() &&try to lock
record
IF !m.lSuccess &failed to lock
RECORD
    m.cErrorMessage =
E_RECORDLOCK_LOC
    UNLOCK ALL
    EXIT
    ENDF
    IF !m.lHadMessage &&so we don't
repeat alert
        * See if record(s) modified by another
user
        FOR m.nFld = 1 to FCOUNT()
            IF TYPE(FIELD(m.nFld)) = "G"
&&skip for General fields
                LOOP
            ENDIF
            IF OLDVAL(FIELD(m.nFld)) #
CURVAL(FIELD(m.nFld))
                m.lHadMessage = .T.
                IF
MESSAGEBOX(E_DIRTYREC_LOC,4+48)
= MSGBOX_YES
                    m.lOverwrite = .T.
                ELSE
                    m.lSuccess = .f.
                    UNLOCK ALL
                    EXIT
                ENDIF
            ENDIF
        ENDFOR
        ENDF
        m.nModRecord =
GetNextMod(m.nModRecord)
    enddo
    IF m.lSuccess &&was able to lock all
records
        m.lSuccess =
TableUpdate(.T.,m.lOverwrite)
        IF m.lSuccess &&was able to update all
records
            LOOP
        ENDIF
        UNLOCK ALL
    ENDIF
    CASE m.lInDBC
        BEGIN TRANSACTION
        * Try to update all records in selected table
        m.lSuccess = TableUpdate(.T,..f.)
&&successful update
        IF m.lSuccess
            END TRANSACTION
        LOOP
    ENDIF
    ROLLBACK
ENDCASE
* Handle errors
nTotErr =AERROR(aErrors)
do CASE
CASE nTotErr = 0
CASE aErrors[1,1] = 1539 && Trigger
failed
    m.cErrorMessage =
E_TRIGGERFAIL_LOC

```

```

CASE aErrors[1,1] = 1581    && Field
doesn't accept NULL
    m.cErrorMessage = E_FIELDNULL_LOC
CASE aErrors[1,1] = 1582    && Field rule
violated
    m.cErrorMessage = E_FIELDRULE_LOC
CASE aErrors[1,1] = 1700    && Record in
use by another user
    m.cErrorMessage =
E_RECORDLOCK_LOC
CASE aErrors[1,1] = 1583    && Row rule
violated
    m.cErrorMessage = E_ROWRULE_LOC
CASE aErrors[1,1] = 1884    && Unique
index violation
    m.cErrorMessage =
E_UNIQUEINDEX_LOC
CASE aErrors[1,1] = 1585    && Record
changed by another user

    IF m.lInDBC    &&handle free tables
above
        * Dislpay conflict alert
        IF
MESSAGEBOX(E_DIRTYREC_LOC,4+48)
=MSGBOX_YES
            *Try to force update
            BEGIN TRANSACTION
            m.lSuccess = TableUpdate(.T.,.T.)
            IF m.lSuccess
                END TRANSACTION
                LOOP
            ELSE
                ROLLBACK

=MESSAGEBOX(E_NOFORCE_LOC)
            ENDIF
        ENDIF
    ENDIF

OTHERWISE
    IF !empty(m.cErrorMessage) &&for free
table handling above
        m.cErrorMessage =
E_PROMPT_LOC+aErrors[1,2]
    ENDIF
ENDCASE

* Had an error we couldn't handle
=tablerevert(.T.) &&revert all records
m.lSuccess = .f.
IF !empty(m.cErrorMessage)

=MESSAGEBOX(E_FAIL_LOC+m.cError
Message)
ENDIF

ENDFOR

SELECT (m.nOldArea)
RETURN m.lSuccess

ENDPROC
procedure SetCaption
#DEFINE ADD_CAPTION_LOC
"<Add"
#DEFINE EDIT_CAPTION_LOC
"<Edit"
#DEFINE REV_CAPTION_LOC
"<Revert"
#DEFINE SAVE_CAPTION_LOC
"<Save"

    IF this.editmode
        this.cmdAdd.Caption =
SAVE_CAPTION_LOC
        this.cmdEdit.Caption =
REV_CAPTION_LOC
    ELSE
        this.cmdAdd.Caption =
ADD_CAPTION_LOC
        this.cmdEdit.Caption =
EDIT_CAPTION_LOC
    ENDIF

ENDPROC
procedure SetAllProp
LPARAMETER oContainer

* Checks for General fields
LOCAL i,oControlParent

IF parameters() = 0
    m.oControlParent = Thisform
ELSE
    m.oControlParent = m.oContainer
ENDIF

FOR i = 1 to
m.oControlParent.ControlCount
    do CASE
    CASE
    ATC("Container",m.oControlParent.Controls
[m.i].BaseClass) # 0

    this.SetAllProp(m.oControlParent.Controls[m
.i])

    CASE
    ATC(m.oControlParent.Controls[m.i].BaseCl
ass,"CheckBox,TextBox,OleBoundControl")
# 0
        m.oControlParent.Controls[m.i].Enabled
= this.editmode

    CASE
    ATC(m.oControlParent.Controls[m.i].BaseCl
ass,"EditBox") # 0

    m.oControlParent.Controls[m.i].ReadOnly =
!this.editmode
        IF !this.HasMemo
            with m.oControlParent.Controls[m.i]
                this.EditForeColor = .ForeColor
                this.EditDisForeColor =
.DisabledForeColor
                this.EditBackColor = .BackColor
                this.EditDisBackColor =
.DisabledBackColor
                this.HasMemo = .T.
            Endwith
        ENDIF

    m.oControlParent.Controls[m.i].ForeColor =
IIF(this.editmode,this.EditForeColor,this.Edit
DisForeColor)

    m.oControlParent.Controls[m.i].BackColor =
IIF(this.editmode,this.EditBackColor,this.Edi
tDisBackColor)

    CASE
    ATC(m.oControlParent.Controls[m.i].BaseCl
ass,"Grid") # 0

    m.oControlParent.Controls[m.i].ReadOnly =
!this.editmode

    m.oControlParent.Controls[m.i].DeleteMark
= this.editmode

    ENDCASE

this.cmdEdit.Caption =
REV_CAPTION_LOC
ELSE
    this.cmdAdd.Caption =
ADD_CAPTION_LOC
    this.cmdEdit.Caption =
EDIT_CAPTION_LOC
ENDIF

ENDPROC
procedure navrefresh
**** Navigational Button Handling ****
LOCAL
OldLockScreen,KeyValue,cFiltExpr
m.OldLockScreen = Thisform.LockScreen
Thisform.LockScreen = .T.

IF SELECT()#this.nworkarea
    SELECT (this.nworkarea)
ENDIF

IF !this.editmode

* Check for bottom of file
this.endfile = EOF() OR this.endfile

* Test to see we are on last record
IF !this.endfile
    SKIP
    this.endfile = EOF()
    SKIP -1
ELSE
    GO BOTTOM
ENDIF

* Check for top of file
this.topfile = BOF() OR EOF() OR
this.topfile

* Test to see if we are on first record
IF !this.topfile
    SKIP -1
    this.topfile = BOF()
    IF !this.topfile
        SKIP
    ENDIF
ENDIF

IF this.topfile
    GO Top
ENDIF

ENDIF

this.cmdTop.Enabled = !this.topfile and
!this.editmode
this.cmdPrev.Enabled = !this.topfile and
!this.editmode
this.cmdNext.Enabled = !this.endfile and
!this.editmode
this.cmdEnd.Enabled = !this.endfile and
!this.editmode

* Check if no records in query set
do CASE
CASE this.previewmode OR
ISREADONLY()
* Nothing
CASE this.editmode
    this.cmdEdit.Enabled = .T.
CASE recount()=0 OR BOF() OR EOF()
    this.cmdEdit.Enabled = .f.
    this.cmdDelete.Enabled = .f.
CASE !this.cmdEdit.Enabled
    this.cmdEdit.Enabled = .T.
    this.cmdDelete.Enabled = .T.
ENDCASE

* Update Grid for Views
IF !this.editmode and !empty(this.viewkey)
    KeyValue = EVAL(this.ParentKey)
do CASE

```

```

CASE TYPE(this.ParentKey) = "C"
  cFiltExpr = this.viewkey + "=" +
  "["+m.KeyValue+"]"
CASE TYPE(this.ParentKey) = "L"
  cFiltExpr = this.viewkey
CASE TYPE(this.ParentKey) = "D"
  cFiltExpr = this.viewkey + "=" +
  "{"+DTC(m.KeyValue)+"}"
CASE TYPE(this.ParentKey) = "T"
  cFiltExpr = this.viewkey + "=" +
  "{"+TTC(m.KeyValue)+"}"
OTHERWISE
  * Numeric
  cFiltExpr = this.viewkey + "=" +
  alltrim(STR(m.KeyValue,20,18))
ENDCASE

SELECT (this.GridAlias)
do CASE
CASE .f. &&parameterized query
  * set parameter here
  * =requery()
CASE this.ViewType = 1 &&local views
  set FILTER to &cFiltExpr
CASE this.ViewType = 2 &&remote views

ENDCASE
SELECT (this.nworkarea)
ENDIF

Thisform.Refresh()
Thisform.LockScreen = m.OldLockScreen

ENDPROC
procedure GetGridRef
  * Check if we have a grid
  LOCAL aMems,nTotMem,i
  this.GridRef = ""
  IF TYPE("THISFORM") = "O"
    DIMENSION aMems[1]
    nTotMem =
  AMEMBERS(aMems,Thisform,2)
  with Thisform
    FOR i = 1 to m.nTotMem
      IF
UPPER(EVAL("."+aMems[m.i]+".BaseClass
")) = "GRID"
        this.GridRef = aMems[m.i]
        with EVAL("."+this.GridRef)
          * Check if we have a view and
get Tag property
          this.ViewType =
CURSORGETPROP('sourcetype',.RecordSou
rce)
          this.GridAlias =
.RecordSource
          IF this.ViewType # 3
            this.viewkey = .tag
            this.ParentKey = .Comment
          ENDIF
        Endwith
        EXIT
      ENDIF
    ENDFOR
  Endwith
ENDIF

ENDPROC
procedure Destroy
  * Restore various settings
  LOCAL
nTablesUsed,aTablesUsed,i,nDECursors,aDE
Cursors
  DIMENSION aTablesUsed[1]

  IF TYPE("THIS.Parent") # "O"
    RETURN
  ENDIF

  IF TYPE("THIS.oldTalk") = "C" and
this.oldTalk="ON"
    set talk on
  ENDIF

  * OLE Servers can still send data back to
General fields
  * even though they are not in Edit Mode.
We need to reset
  * buffering to 1 so the buffer is not updated
by the OLE Server.
  * Also, folks might exit out while editing.
  IF this.usedataenv
    DIMENSION aDECursors[1]
    nDECursors =
  AMEMBERS(aDECursors,Thisform.Dataenv
ironment,2)
    FOR i = 1 to m.nDECursors
      with
EVAL("THISFORM.DataEnvironment." +
aDECursors[m.i])
        IF used(.Alias) and
ATC("CURSOR",.BaseClass)#0 and ;
CURSORGETPROP("sourcetype",.Alias)=3
and ;
CURSORGETPROP("buffering",.Alias)>1
=tablerevert(T,..,Alias)

=CursorSetProp("buffering",1,.Alias)
&&optimistic table buffering
      ENDIF
    Endwith
  ENDFOR
ENDIF

  * Skip if using preview mode
  IF this.previewmode
    RETURN
  ENDIF

  IF this.oldSetDelete = "OFF"
    set deleted off
  ENDIF
  set REPROCESS to this.oldreprocess
  set MESSAGE to
  SELECT (this.nworkarea)

  IF this.usedataenv
    RETURN
  ENDIF

  * The following code is here to support
  * forms not using a DataEnvironment.

  FOR i = 1 to m.nTablesUsed
    IF used(aTablesUsed[m.i,1]) and
ATC("TMP",dbf(aTablesUsed[m.i,1]))=0
&&skip for views

=CursorSetProp("buffering",this.oldBufferin
g,aTablesUsed[m.i,1]) &&optimistic table
buffering
    ENDIF
  ENDFOR

  IF this.oldMultiLocks = "OFF"
    set MULTILOCKS off
  ENDIF

  IF this.oldSetFields = "ON"
    set FIELDS on
  ENDIF

  set Refresh to this.oldrefresh

ENDPROC
procedure Error
  parameters nError, cMethod, nLine
  LOCAL aFoxErr,nTotErr
  DIMENSION aFoxErr[1]
  nTotErr = AERROR(aFoxErr)

  do CASE
CASE INLIST(m.nError,1733,1734)
&&property not found -- traps SETALL()
  RETURN
CASE m.nError=1938 &&no parent
  RETURN
CASE nTotErr>0 and aFoxErr[1,1] = 1420
  * Corrupt Ole object in General field.
  =MESSAGEBOX(aFoxErr[1,2])
  RETURN
ENDCASE

**** Error Dialog *****
=MESSAGEBOX(MESSAGE(1)+CHR(13)+
;
  "Error: "+STR(nError)+CHR(13)+;
  MESSAGE()+CHR(13)+;
  "Method: "+cMethod+CHR(13)+;
  "Line: "+STR(nLine))

RETURN to MASTER

ENDPROC
procedure Init
  #DEFINE C_WIZSTYLE
"WIZSTYLE.VCX"
  #DEFINE C_WIZDIR "WIZARDS\
"
  #DEFINE C_PROMPT1_LOC "Find: "
  #DEFINE E_NOSTYLE_LOC "The
class library (WIZSTYLE.VCX) needed by
this form could not be found. "+;
  "Please locate."

  LOCAL
cGridRef,cWizHomePath,separator,cWizStyF
ile

  IF TYPE("THIS.Parent") # "O"
    RETURN
  ENDIF

  IF set("TALK") = "ON"
    set talk off
    this.oldTalk = "ON"
  ELSE
    this.oldTalk = "OFF"
  ENDIF

  IF
ATC(C_WIZSTYLE,set("CLASSLIB")) = 0

  * Returns just the pathname
  cWizHomePath = _WIZARD
  IF '\ $ cWizHomePath
  cWizHomePath =
SUBSTR(m.cWizHomePath,1,RAT('\,m.cWi
zHomePath))
    IF RIGHT(m.cWizHomePath,1) = '\'
and LEN(m.cWizHomePath) > 1 ;
    and
SUBSTR(m.cWizHomePath,LEN(m.cWizHo
mePath)-1,1) <> ':'

```

```

        cWizHomePath =
SUBSTR(m.cWizHomePath,1,LEN(m.cWiz
HomePath)-1)
    ENDIF
ELSE
    cWizHomePath = "
ENDIF

* Add a backslash unless there is one
already there.
separator = IIF(_MAC,":","\")
IF !(RIGHT(m.cWizHomePath,1) $ "\:")
and !empty(m.cWizHomePath)
    m.cWizHomePath=
m.cWizHomePath+ separator
ENDIF

do CASE
CASE file(C_ WIZSTYLE)
    cWizFile = C_ WIZSTYLE
CASE
file(m.cWizHomePath+C_ WIZSTYLE)
    cWizFile =
m.cWizHomePath+C_ WIZSTYLE
CASE
file(m.cWizHomePath+C_ WIZDIR+C_ WIZ
STYLE)
    cWizFile =
m.cWizHomePath+C_ WIZDIR+C_ WIZSTY
LE
CASE file(HOME()+C_ WIZSTYLE)
    cWizFile = HOME()+C_ WIZSTYLE
CASE
file(HOME()+C_ WIZDIR+C_ WIZSTYLE)
    cWizFile =
HOME()+C_ WIZDIR+C_ WIZSTYLE
OTHERWISE
    =MESSAGEBOX(E_ NOSTYLE_ LOC)
    cWizFile =
GETFILE("VCX",C_ PROMPT1_ LOC+C_ W
IZSTYLE)
ENDCASE

IF ATC(C_ WIZSTYLE,m.cWizFile)#0
set class to (m.cWizFile) ADDITIVE
ELSE
* Failed to get WIZSTYLE.VCX file
RETURN .f.
ENDIF

ENDIF

this.initvars()
this.buttonrefresh()
this.navrefresh()
cGridRef=this.GridRef
IF !empty(m.cGridRef)
* Change this if you desire to have the grid
initially selected.
* THISFORM.&cGridRef..SetFocus()
ENDIF
ENDPROC
procedure Refresh
**** Special Preview Mode Handling
****
IF this.previewmode and this.previewinit
this.previewinit = .f.
this.cmdAdd.Enabled = .f.
this.cmdEdit.Enabled = .f.
this.cmdDelete.Enabled = .f.
this.cmdFind.Enabled = .f.
this.cmdPrint.Enabled = .f.
this.cmdExit.Enabled = .f.
this.nworkarea = SELECT()
this.GetGridRef()
this.SetAllProp()

```

```

        this.navrefresh()
    ENDIF
ENDPROC
Top = 0
Left = 54
Height = 24
Width = 55
FontName = "MS Sans Serif"
FontSize = 8
Caption = "\<Prev"
StatusBarText = "Skip to previous record"
TabIndex = 2
ToolTipText = ""
Name = "cmdPrev"
procedure Click
    SELECT (this.Parent.nworkarea)
    IF !BOF()
        SKIP -1
    ENDIF
    this.Parent.topfile = BOF()
    this.Parent.endfile = EOF()

    this.Parent.navrefresh()
ENDPROC
Top = 0
Left = 108
Height = 24
Width = 55
FontName = "MS Sans Serif"
FontSize = 8
Caption = "\<Next"
StatusBarText = "Skip to next record"
TabIndex = 3
ToolTipText = ""
Name = "cmdNext"
procedure Click
    SELECT (this.Parent.nworkarea)
    IF !EOF()
        SKIP 1
    ENDIF
    this.Parent.endfile = EOF()
    this.Parent.topfile = BOF()

    this.Parent.navrefresh()
ENDPROC
Top = 0
Left = 0
Height = 24
Width = 55
FontName = "MS Sans Serif"
FontSize = 8
Caption = "\<Top"
StatusBarText = "Go to top of table"
TabIndex = 1
ToolTipText = ""
Name = "cmdTop"
procedure Click
    SELECT (this.Parent.nworkarea)
    LOCATE
    this.Parent.topfile = .T.
    this.Parent.endfile = EOF()
    this.Parent.navrefresh()
ENDPROC
Top = 0
Left = 162
Height = 24
Width = 55
FontName = "MS Sans Serif"
FontSize = 8
Caption = "\<Bottom"
StatusBarText = "Go to bottom of table"
TabIndex = 4

```

```

ToolTipText = ""
Name = "cmdEnd"
procedure Click
    SELECT (this.Parent.nworkarea)
    GO BOTTOM
    this.Parent.topfile = .f.
    this.Parent.endfile = .T.
    this.Parent.navrefresh()
ENDPROC
Top = 0
Left = 226
Height = 24
Width = 49
FontName = "MS Sans Serif"
FontSize = 8
Caption = "\<Find"
Enabled = .T.
StatusBarText = "Search for records"
TabIndex = 5
ToolTipText = ""
Name = "cmdFind"
procedure Click
    LOCAL oSearchDlog

oSearchDlog = CREATE("searchform")
oSearchDlog.Show()

* Reset from prior
this.Parent.topfile = .f.
this.Parent.endfile = .f.
this.Parent.navrefresh()
ENDPROC
Top = 0
Left = 274
Height = 24
Width = 49
FontName = "MS Sans Serif"
FontSize = 8
Caption = "\<Print"
Enabled = .T.
StatusBarText = "Print to report"
TabIndex = 6
ToolTipText = ""
Name = "cmdPrint"
procedure Click
    #DEFINE C_ MAKEREPO_ LOC
    "Could not locate a report to print. Create
new one?"
    #DEFINE C_ NOOPEN_ LOC    "Error
opening table. Unable to print report."
    #DEFINE C_ GETFILEPROMPT_ LOC
    "Select a report to print:"

    LOCAL
cRepName,nSaveSess,cSaveAlias,cSaveSou
rce,cSaveData

    cSaveAlias = Alias()
cSaveSource =
CURSORGETPROP("SourceName")
cSaveData =
CURSORGETPROP("Database")
cDiffSource = ""
cRepName = Left(Alias(),8)+".FRX"
nSaveSess = set("DATASESSION")

#IF 0
* Handling for Private data sessions
IF m.nSaveSess # 1
set DataSession to 1
SELECT 0
IF !empty(m.cSaveData)
    OPEN Database (m.cSaveData)
ENDIF
IF used(m.cSaveAlias)
    SELECT (m.cSaveAlias)

```

```

IF
CURSORGETPROP("SourceName")#m.cSa
veSource
    cDiffSource =
CURSORGETPROP("SourceName")
    use IN (m.cSaveAlias)
    SELECT 0
ENDIF
ENDIF
IF empty(Alias())
    use (m.cSaveSource) AGAIN Alias
(m.cSaveAlias) shared
    IF empty(Alias())

=MESSAGEBOX(C_NOOPEN_LOC)
    RETURN
ENDIF
ENDIF
ENDIF
#ENDIF

IF file(m.cRepName)
    REPORT form (m.cRepName) preview
NOWAIT
ELSE
    m.cRepName =
GETFILE("frx",C_GETFILEPROMPT_LOC
,"",1)
    IF !empty(m.cRepName)
        IF file(m.cRepName)
            * User pressed Open button
            REPORT form (m.cRepName)
preview NOWAIT
        ELSE
            * User pressed New button
            do (_WIZARD) with
"AUTOREPORT"
        ENDIF
    ENDIF
ENDIF
ENDIF

#IF 0
    IF !empty(cDiffSource)
        use (m.cDiffSource) IN 0
    ENDIF

    set DataSession to m.nSaveSess
    SELECT (m.cSaveAlias)
#ENDIF
ENDPROC
Top = 0
Left = 499
Height = 24
Width = 53
FontName = "MS Sans Serif"
FontSize = 8
Caption = "E\<xit"
Enabled = .T.
StatusBarText = "Exit input form"
TabIndex = 10
ToolTipText = ""
Name = "cmdExit"
procedure Click
    Thisform.release

ENDPROC
Top = 0
Left = 333
Height = 24
Width = 53
FontName = "MS Sans Serif"
FontSize = 8
Caption = "\<Add"
Enabled = .T.
StatusBarText = "Add new record / Save
edits"

```

```

TabIndex = 7
ToolTipText = ""
Name = "cmdAdd"
procedure Click
    #DEFINE OPT_CANCEL 0
    #DEFINE OPT_ADD_PARENT 1
    #DEFINE OPT_ADD_CHILD 2
    #DEFINE OPT_ADD_BOTH 3
    #DEFINE MB_Q_YESNO 36
    #DEFINE MB_A_YES 6
    #DEFINE C_KEYFLDNOUPDATE_LOC
"The field relating the grid's view to the
parent data source is not updatable. "+;
    "Do you just want to add a new record to
the parent table?"
    #DEFINE C_BADCHILDKEY_LOC
"The fields relating the parent and child
tables are not the same data type. "+;
    "Do you just want to add a new record to
the parent table?"
    #DEFINE C_NOCHILDUPDATE_LOC
"The child data source is a view and does not
send updates. "+;
    "Do you just want to add a new record to
the parent table?"
    #DEFINE C_NOOBJ_LOC "Failed
create the Add Record form class. Check or
reinstall your WIZSTYLE.VCX file."
    #DEFINE C_NOUPDATE_LOC "You
cannot add a new record because the view(s)
selected does not send updates."
    #DEFINE C_NOUPDATE2_LOC "You
cannot add a new record because the view(s)
selected does not send updates and the child
data source has a primary key."

    LOCAL
oSearchDlog,oAddRec,cChildAlias,cPapaAli
as,i,lPrimeKey
    LOCAL
cPapaKey,cChildKey,nSaveSess,oRel,ctagna
me,lBadViewKey
    LOCAL
lBadChildKey,lUpdatableParentKey,lNoSend
ParentUpdates,lNoSendChildUpdates

    do CASE
CASE this.Parent.editmode

    ** Code for saving record
    this.Parent.updaterows()

CASE empty(this.Parent.GridRef) && not
using Grid object

    ** Code for adding record
    this.Parent.OldAlias = Alias() &&save
alias in case reverting
    this.Parent.oldrec = RECNO() &&save
record in case reverting
    IF CURSORGETPROP("SourceType")#3
and !CURSORGETPROP("SendUpdates")

=MESSAGEBOX(C_NOUPDATE_LOC)
    RETURN
ENDIF
APPEND BLANK

OTHERWISE

    ** Code for adding record
    this.Parent.OldAlias = Alias() &&save
alias in case reverting
    this.Parent.oldrec = RECNO() &&save
record in case reverting

```

```

lPrimeKey = .f. &&is child key
primary index

    IF !empty(this.Parent.oDataRelation)
oRel =
EVAL(this.Parent.oDataRelation)
    ENDIF

    do CASE
CASE TYPE("m.oRel") = "O" &&data
environment
with oRel
    cPapaAlias = .ParentAlias
    cPapaKey = .RelationalExpr
    cChildAlias = .ChildAlias
    cChildKey = .ChildOrder
    Endwith
    oRel = .NULL. &&reset
CASE !empty(this.Parent.viewkey) &&using
views
    cPapaAlias = Alias()
    cPapaKey = this.Parent.ParentKey
    cChildAlias = this.Parent.GridAlias
    cChildKey = this.Parent.viewkey

    * Need to check if Key field is updatable
    IF
CURSORGETPROP("SourceType",m.cChild
Alias)#3 and;

ATC(", "+m.cChildKey+",", "+CURSORGE
TPROP("UpdatableFieldList",m.cChildAlias)
+,"")=0
        lBadViewKey = .T.
    ENDIF
OTHERWISE
    cPapaAlias = Alias()
    cPapaKey = RELATION(1)
    cChildAlias = this.Parent.GridAlias
    cChildKey = Order(m.cChildAlias)
ENDCASE

    * Test to see if both keys are of the same data
type
SELECT (this.Parent.GridAlias)
cGridKeyType = ""

IF empty(this.Parent.viewkey) and
!empty(m.cChildKey) &&regular table used
    * Get the Child Key field since only index
tag is here
    * if these is an expression, then default to
blank.
    ctaname = ""
    FOR i = 1 to TagCount("")
        IF UPPER(tag(m.i)) ==
UPPER(m.cChildKey)
            ctaname = KEY(m.i)
            lPrimeKey = PRIMARY(m.i)
        EXIT
    ENDIF
ENDFOR

    * Check if we have an index expression
here.
    IF ATC(", "+m.ctaname)#0 OR
ATC(", "+m.ctaname)#0
        cChildKey = ""
    ELSE
        cChildKey = m.ctaname
        cGridKeyType = TYPE(m.cChildKey)
    ENDIF
ENDIF

IF
CURSORGETPROP("SourceType",m.cPapa

```



```

Alias)#3 and
!CURSORGETPROP("SendUpdates",m.cPapa
aAlias)
  InoSendParentUpdates = .T.
ENDIF
IF
CURSORGETPROP("SourceType",m.cChild
Alias)#3 and
!CURSORGETPROP("SendUpdates",m.cChi
ldAlias)
  InoSendChildUpdates = .T.
ENDIF

* Check if have two views and both do not
send updates
IF m.lNoSendParentUpdates and
m.lNoSendChildUpdates
  =MESSAGEBOX(C_NOUPDATE_LOC)
  RETURN
ENDIF

SELECT (this.Parent.OldAlias )
IF !empty(m.cGridKeyType) and
m.cGridKeyType # TYPE(m.cPapaKey)
  lBadChildKey = .T.
ENDIF

do CASE
CASE m.lNoSendParentUpdates and
(m.lBadViewKey OR m.lBadChildKey)
  =MESSAGEBOX(C_NOUPDATE_LOC)
  RETURN
CASE m.lPrimeKey and
m.lNoSendParentUpdates

=MESSAGEBOX(C_NOUPDATE2_LOC)
  RETURN
CASE m.lNoSendChildUpdates &&child
view does not send updates
  IF
MESSAGEBOX(C_NOCHILDUPDATE_L
OC,MB_Q_YESNO) # MB_A_YES
  RETURN
  ENDIF
  APPEND BLANK
CASE m.lBadViewKey &&view key in not
updateable
  IF
MESSAGEBOX(C_KEYFLDNOUPDATE_
LOC,MB_Q_YESNO) # MB_A_YES
  RETURN
  ENDIF
  APPEND BLANK
CASE m.lBadChildKey &&bad child key --
different data type from parent
  IF
MESSAGEBOX(C_BADCHILDKEY_LOC,
MB_Q_YESNO) # MB_A_YES
  RETURN
  ENDIF
  APPEND BLANK
OTHERWISE
  * Need to check if Key field is updateable
  lUpdatableParentKey = .T.
  IF
CURSORGETPROP("SourceType",m.cPapa
Alias)#3 and;

ATC(", "+m.cPapaKey+",",",", "+CURSORGET
PROP("UpdatableFieldList",m.cPapaAlias)+",
")=0
  * cPapaKey = ""
  lUpdatableParentKey = .f.
  ENDIF

* Check for expression in cPapaKey if so,
then do not update record with keyvalue
IF ATC("(",m.cPapaKey)#0 OR
ATC("+",m.cPapaKey)#0
  cPapaKey = ""
  ENDIF

nSaveSess = set("DATASESSION")
oAddRec = CREATE("GridAddRec")
IF TYPE("m.oAddRec") # "O"
  =MESSAGEBOX(C_NOOBJ_LOC)
  RETURN
ENDIF
oAddRec.ChildPrimaryKey =
m.lPrimeKey
oAddRec.UpdatableParentKey =
m.lUpdatableParentKey
oAddRec.NoSendUpdates =
m.lNoSendParentUpdates
oAddRec.KeyField = m.cPapaKey
oAddRec.KeyValue =
IIF(!empty(m.cPapaKey),EVAL(m.cPapaKey
), "")
oAddRec.runaddform()
IF oAddRec.AddOption = OPT_CANCEL
  RETURN
ENDIF
set DataSession to nSaveSess
SELECT (this.Parent.OldAlias)

IF TYPE("oAddRec.KeyValue") = "C"
  oAddRec.KeyValue =
  TRIM(oAddRec.KeyValue)
  ENDIF

* Add record to parent table
IF
INLIST(oAddRec.AddOption,OPT_ADD_P
ARENT,OPT_ADD_BOTH)
  IF empty(m.cPapaKey)
    APPEND BLANK IN (m.cPapaAlias)
  ELSE
    INSERT INTO (m.cPapaAlias)
((oAddRec.KeyField))
VALUES(oAddRec.KeyValue)
  ENDIF
ENDIF

* Add child record
IF
INLIST(oAddRec.AddOption,OPT_ADD_C
HILD,OPT_ADD_BOTH)
  * Need to check
  IF empty(m.cChildKey) OR
TYPE(m.cChildKey)#TYPE(oAddRec.KeyV
alue)
    APPEND BLANK IN
(m.cChildAlias)
  ELSE
    INSERT INTO (m.cChildAlias)
((m.cChildKey))
VALUES(oAddRec.KeyValue)
  ENDIF
ENDIF
ENDCASE
ENDCASE

this.Parent.editmode = !this.Parent.editmode
this.Parent.AddMode = this.Parent.editmode
this.Parent.topfile = .f.
Thisform.LockScreen = .T.
this.Parent.buttonrefresh()
this.Parent.navrefresh()
Thisform.LockScreen = .f.
ENDPROC
Top = 0

Left = 437
Height = 24
Width = 53
FontName = "MS Sans Serif"
FontSize = 8
Caption = "\<Delete"
Enabled = .T.
StatusBarText = "Delete existing record"
TabIndex = 9
ToolTipText = ""
Name = "cmdDelete"
procedure Click
  #DEFINE MSGBOX_YES 6
  #DEFINE C_MSGBOX1 36
  #DEFINE C_DELETE_LOC "Você quer
mesmo apagar este registro ?"
  #DEFINE C_NOLOCK_LOC "Registro
não pode ser apagado poque está sendo usado
por alguém."

  * Note: Cascading deletes should be
handled via RI triggers in DBC!

  IF
MESSAGEBOX(C_DELETE_LOC,C_MSG
BOX1) = MSGBOX_YES
    DELETE
    IF this.Parent.updaterows() &&success
      * Success
      IF !EOF()
        SKIP 1
      ENDIF
      IF EOF() and !BOF()
        SKIP -1
      ENDIF
    ENDIF
    Thisform.LockScreen = .T.
    this.Parent.buttonrefresh()
    this.Parent.navrefresh()
    Thisform.LockScreen = .f.
  ENDIF
ENDPROC
Top = 0
Left = 385
Height = 24
Width = 53
FontName = "MS Sans Serif"
FontSize = 8
Caption = "\<Edit"
Enabled = .T.
StatusBarText = "Edit existing record /
Revert edits"
TabIndex = 8
ToolTipText = ""
Name = "cmdEdit"
procedure Click
  #DEFINE C_NOUPDATE_LOC "You
cannot edit because the view(s) selected does
not send updates."

  LOCAL
lNoSendParentUpdates,lNoSendChildUpdate
s
  LOCAL aTablesUsed,nTablesUsed,i

** Reverting record
IF this.Parent.editmode

  IF this.Parent.usedataenv
    SELECT (this.Parent.OldAlias)
    =tablerevert(.T.)
    IF !empty(this.Parent.GridAlias)
      SELECT (this.Parent.GridAlias)
      =tablerevert(.T.)
    ENDIF
  ELSE

```

```

        DIMENSION aTablesUsed[1]
        m.nTablesUsed =
AUSED(aTablesUsed)
        FOR i = 1 to m.nTablesUsed

=tablerevert(.T.,aTablesUsed[m,i,1])
        ENDFOR
        ENDIF

        * Go back to original place
        SELECT (this.Parent.OldAlias)
        IF reccount() < this.Parent.oldrec
&&added record at EOF()
            GO Top
        ELSE
            GO this.Parent.oldrec
        ENDIF
    ELSE

        * Check to see if view allows updates
        IF
CURSORGETPROP("SourceType")#3 and
!CURSORGETPROP("SendUpdates")
            INoSendParentUpdates = .T.
        ENDIF
        IF !empty(this.Parent.GridAlias) and ;

CURSORGETPROP("SourceType",this.Pare
nt.GridAlias)#3 and ;

!CURSORGETPROP("SendUpdates",this.Pa
rent.GridAlias)
            INoSendChildUpdates= .T.
        ENDIF

        IF (m.INoSendChildUpdates and
m.INoSendParentUpdates) OR;
            (empty(this.Parent.GridAlias) and
m.INoSendParentUpdates)

=MESSAGEBOX(C_NOUPDATE_LOC)
        RETURN
        ENDIF

        this.Parent.OldAlias = Alias() &&save
alias in case reverting
        this.Parent.oldrec = RECNO() &&save
record in case reverting
        ENDIF

        ** Editing record
        this.Parent.editmode =
!this.Parent.editmode
        this.Parent.AddMode = .f.
        Thisform.LockScreen = .T.
        this.Parent.buttonrefresh()
        this.Parent.navrefresh()
        Thisform.LockScreen = .f.
    ENDPROC
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Width = 553
Height = 25
Name = "botoes"
cmdPrev.Top = 0
cmdPrev.Left = 54
cmdPrev.Height = 24
cmdPrev.Width = 55
cmdPrev.StatusBarText = "Vai pro registro
anterior"
cmdPrev.ToolTipText = "Anterior"
cmdPrev.Name = "cmdPrev"
cmdNext.Top = 0
cmdNext.Left = 108
cmdNext.Height = 24
cmdNext.Width = 55

cmdNext.StatusBarText = "Vai pro próximo
registro"
cmdNext.ToolTipText = "Próximo"
cmdNext.Name = "cmdNext"
cmdTop.Top = 0
cmdTop.Left = 0
cmdTop.Height = 24
cmdTop.Width = 55
cmdTop.StatusBarText = "Topo da Tabela"
cmdTop.ToolTipText = "Topo"
cmdTop.Name = "cmdTop"
cmdEnd.Top = 0
cmdEnd.Left = 162
cmdEnd.Height = 24
cmdEnd.Width = 55
cmdEnd.StatusBarText = "Vai pro último
registro"
cmdEnd.ToolTipText = "Último registro"
cmdEnd.Name = "cmdEnd"
cmdFind.Top = 0
cmdFind.Left = 226
cmdFind.Height = 24
cmdFind.Width = 49
cmdFind.StatusBarText = "Procura registros"
cmdFind.ToolTipText = "Procura"
cmdFind.Name = "cmdFind"
cmdPrint.Top = 0
cmdPrint.Left = 274
cmdPrint.Height = 24
cmdPrint.Width = 49
cmdPrint.StatusBarText = "Imprime
relatório"
cmdPrint.ToolTipText = "Imprime"
cmdPrint.Name = "cmdPrint"
cmdExit.Top = 0
cmdExit.Left = 499
cmdExit.Height = 24
cmdExit.Width = 53
cmdExit.StatusBarText = "Sai da tela"
cmdExit.ToolTipText = "Sai"
cmdExit.Name = "cmdExit"
cmdAdd.Top = 0
cmdAdd.Left = 333
cmdAdd.Height = 24
cmdAdd.Width = 53
cmdAdd.StatusBarText = "Adiciona novo
registro / Salva informações"
cmdAdd.ToolTipText = "Novo registro /
Salva"
cmdAdd.Name = "cmdAdd"
cmdDelete.Top = 0
cmdDelete.Left = 437
cmdDelete.Height = 24
cmdDelete.Width = 53
cmdDelete.Enabled = .f.
cmdDelete.StatusBarText = "Deleta registro"
cmdDelete.ToolTipText = "Deleta"
cmdDelete.Visible = .f.
cmdDelete.Name = "cmdDelete"
cmdEdit.Top = 0
cmdEdit.Left = 385
cmdEdit.Height = 24
cmdEdit.Width = 53
cmdEdit.StatusBarText = "Edita registro /
Reverte mudança"
cmdEdit.ToolTipText = "Edita / Desfaz"
cmdEdit.Name = "cmdEdit"
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Width = 482
Height = 26
Name = "edita_btms"
cmdPrev.Top = 0
cmdPrev.Left = 49
cmdPrev.Height = 24
cmdPrev.Width = 50
cmdPrev.Name = "cmdPrev"

cmdNext.Top = 0
cmdNext.Left = 98
cmdNext.Height = 24
cmdNext.Width = 50
cmdNext.Name = "cmdNext"
cmdTop.Top = 0
cmdTop.Left = 0
cmdTop.Height = 24
cmdTop.Width = 50
cmdTop.Name = "cmdTop"
cmdEnd.Top = 0
cmdEnd.Left = 147
cmdEnd.Height = 24
cmdEnd.Width = 50
cmdEnd.Name = "cmdEnd"
cmdFind.Top = 0
cmdFind.Left = 206
cmdFind.Height = 24
cmdFind.Width = 50
cmdFind.Name = "cmdFind"
cmdPrint.Top = 0
cmdPrint.Left = 255
cmdPrint.Height = 24
cmdPrint.Width = 50
cmdPrint.Name = "cmdPrint"
cmdExit.Top = 0
cmdExit.Left = 420
cmdExit.Height = 24
cmdExit.Width = 50
cmdExit.Name = "cmdExit"
cmdAdd.Top = 0
cmdAdd.Left = 314
cmdAdd.Height = 24
cmdAdd.Width = 50
cmdAdd.Picture =
(gcOldDir+"IMAGENS\WZSAVE.BMP")
cmdAdd.Enabled = .f.
cmdAdd.StatusBarText = "Salva
informações"
cmdAdd.ToolTipText = "Salva"
cmdAdd.Name = "cmdAdd"
cmdDelete.Top = 0
cmdDelete.Left = 412
cmdDelete.Height = 24
cmdDelete.Width = 0
cmdDelete.Enabled = .f.
cmdDelete.Visible = .f.
cmdDelete.Name = "cmdDelete"
cmdEdit.Top = 0
cmdEdit.Left = 363
cmdEdit.Height = 24
cmdEdit.Width = 50
cmdEdit.Name = "cmdEdit"
procedure Init
    PicBtns::Init

this.cmdAdd.Picture=gcOldDir+"IMAGENS\
WZSAVE.BMP"
    this.cmdAdd.Enabled=.f.
ENDPROC
procedure cmdAdd.Click
    TxtBtns.cmdAdd::Click
    IF AT("NEW",UPPER( this.Picture))<>0

this.Picture=gcOldDir+"IMAGENS\WZSAV
E.BMP"
    this.Enabled=.f.
    ELSE
        this.Enabled=.T.
    ENDIF
ENDPROC
procedure cmdEdit.Click
    TxtBtns.cmdEdit::Click
    IF AT("NEW",UPPER(
this.Parent.cmdAdd.Picture))<>0

```

```

this.Parent.cmdAdd.Picture=gcOldDir+"IMA
GENS\WZSAVE.BMP"
    this.Parent.cmdAdd.Enabled=.f.
    ELSE
        this.Parent.cmdAdd.Enabled=.T.
    ENDIF
ENDIF
ENDPROC
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Width = 161
Height = 29
Enabled = .T.
Name = "so_edita"
cmdPrev.Top = 0
cmdPrev.Left = 49
cmdPrev.Height = 24
cmdPrev.Width = 0
cmdPrev.Enabled = .f.
cmdPrev.Visible = .f.
cmdPrev.Name = "CMDPREV"
cmdNext.Top = 0
cmdNext.Left = 98
cmdNext.Height = 24
cmdNext.Width = 0
cmdNext.Enabled = .f.
cmdNext.Visible = .f.
cmdNext.Name = "CMDNEXT"
cmdTop.Top = 0
cmdTop.Left = 0
cmdTop.Height = 24
cmdTop.Width = 0
cmdTop.Enabled = .f.
cmdTop.Visible = .f.
cmdTop.Name = "CMDTOP"
cmdEnd.Top = 0
cmdEnd.Left = 147
cmdEnd.Height = 24
cmdEnd.Width = 0
cmdEnd.Enabled = .f.
cmdEnd.Visible = .f.
cmdEnd.Name = "CMDEND"
cmdFind.Top = 0
cmdFind.Left = 206
cmdFind.Height = 24
cmdFind.Width = 0
cmdFind.Enabled = .f.
cmdFind.Visible = .f.
cmdFind.Name = "CMDFIND"
cmdPrint.Top = 0
cmdPrint.Left = 255
cmdPrint.Height = 24
cmdPrint.Width = 0
cmdPrint.Enabled = .T.
cmdPrint.Visible = .f.
cmdPrint.Name = "CMDPRINT"
cmdExit.Top = 0
cmdExit.Left = 106
cmdExit.Height = 24
cmdExit.Width = 50
cmdExit.Name = "CMDEXIT"
cmdAdd.Top = 0
cmdAdd.Left = 0
cmdAdd.Height = 24
cmdAdd.Width = 50
cmdAdd.Name = "CMDADD"
cmdDelete.Top = 0
cmdDelete.Left = 412
cmdDelete.Height = 24
cmdDelete.Width = 0
cmdDelete.Name = "CMDDELETE"
cmdEdit.Top = 0
cmdEdit.Left = 49
cmdEdit.Height = 24
cmdEdit.Width = 50
cmdEdit.Name = "CMDEDIT"
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Width = 522
Height = 24
Name = "so_edita_grid"
cmdPrev.Top = 0
cmdPrev.Left = 49
cmdPrev.Height = 24
cmdPrev.Width = 50
cmdPrev.Name = "cmdPrev"
cmdNext.Top = 0
cmdNext.Left = 98
cmdNext.Height = 24
cmdNext.Width = 50
cmdNext.Name = "cmdNext"
cmdTop.Top = 0
cmdTop.Left = 0
cmdTop.Height = 24
cmdTop.Width = 50
cmdTop.Name = "cmdTop"
cmdEnd.Top = 0
cmdEnd.Left = 147
cmdEnd.Height = 24
cmdEnd.Width = 50
cmdEnd.Name = "cmdEnd"
cmdFind.Top = 0
cmdFind.Left = 206
cmdFind.Height = 24
cmdFind.Width = 50
cmdFind.Name = "cmdFind"
cmdPrint.Top = 0
cmdPrint.Left = 255
cmdPrint.Height = 24
cmdPrint.Width = 50
cmdPrint.Name = "cmdPrint"
cmdExit.Top = 0
cmdExit.Left = 471
cmdExit.Height = 24
cmdExit.Width = 50
cmdExit.Name = "cmdExit"
cmdAdd.Top = 0
cmdAdd.Left = 314
cmdAdd.Height = 24
cmdAdd.Width = 50
cmdAdd.Name = "cmdAdd"
cmdDelete.Top = 0
cmdDelete.Left = 412
cmdDelete.Height = 24
cmdDelete.Width = 50
cmdDelete.Name = "cmdDelete"
cmdEdit.Top = 0
cmdEdit.Left = 363
cmdEdit.Height = 24
cmdEdit.Width = 50
cmdEdit.Name = "cmdEdit"
procedure cmdAdd.Click
    #DEFINE OPT_CANCEL 0
    #DEFINE OPT_ADD_PARENT 1
    #DEFINE OPT_ADD_CHILD 2
    #DEFINE OPT_ADD_BOTH 3
    #DEFINE MB_Q_YESNO 36
    #DEFINE MB_A_YES 6
    #DEFINE C_KEYFLDNOUPDATE_LOC
"The field relating the grid's view to the
parent data source is not updatable. "+;
    "Do you just want to add a new record to
the parent table?"
    #DEFINE C_BADCHILDKEY_LOC
"The fields relating the parent and child
tables are not the same data type. "+;
    "Do you just want to add a new record to
the parent table?"
    #DEFINE C_NOCHILDUPDATE_LOC
"The child data source is a view and does not
send updates. "+;
    "Do you just want to add a new record to
the parent table?"
    #DEFINE C_NOOBJ_LOC "Failed
create the Add Record form class. Check or
reinstall your WIZSTYLE.VCX file."
    #DEFINE C_NOUPDATE_LOC "You
cannot add a new record because the view(s)
selected does not send updates."
    #DEFINE C_NOUPDATE2_LOC "You
cannot add a new record because the view(s)
selected does not send updates and the child
data source has a primary key."

    LOCAL
oSearchDlg,oAddRec,cChildAlias,cPapaAli
as,i,lPrimeKey
    LOCAL
cPapaKey,cChildKey,nSaveSess,oRel,ctagna
me,lBadViewKey
    LOCAL
lBadChildKey,lUpdatableParentKey,lNoSend
ParentUpdates,lNoSendChildUpdates

    do CASE
CASE this.Parent.editmode

    ** Code for saving record
    this.Parent.updaterows()

CASE empty(this.Parent.GridRef) && not
using Grid object

    ** Code for adding record
    this.Parent.OldAlias = Alias() &&save
alias in case reverting
    this.Parent.oldrec = RECNO() &&save
record in case reverting
    IF CURSORGETPROP("SourceType")#3
and !CURSORGETPROP("SendUpdates")
=MESSAGEBOX(C_NOUPDATE_LOC)
RETURN
ENDIF
APPEND BLANK

OTHERWISE

    ** Code for adding record
    this.Parent.OldAlias = Alias() &&save
alias in case reverting
    this.Parent.oldrec = RECNO() &&save
record in case reverting
    lPrimeKey = .f. &&is child key
primary index

    IF !empty(this.Parent.oDataRelation)
oRel =
EVAL(this.Parent.oDataRelation)
ENDIF

    do CASE
CASE TYPE("m.oRel") = "O" &&data
environment
with oRel
cPapaAlias = .ParentAlias
cPapaKey = .RelationalExpr
cChildAlias = .ChildAlias
cChildKey = .ChildOrder
Endwith
oRel = .NULL. &&reset
CASE !empty(this.Parent.viewkey) &&using
views
cPapaAlias = Alias()
cPapaKey = this.Parent.ParentKey
cChildAlias = this.Parent.GridAlias
cChildKey = this.Parent.viewkey

    * Need to check if Key field is updatable

```

```

IF
CURSORGETPROP("SourceType",m.cChild
Alias)#3 and;

ATC(" "+m.cChildKey+"",",","+CURSORGE
TPROP("UpdatableFieldList",m.cChildAlias
+","))=0
  IBadViewKey = .T.
ENDIF
OTHERWISE
  cPapaAlias = Alias()
  cPapaKey = RELATION(1)
  cChildAlias = this.Parent.GridAlias
  cChildKey = Order(m.cChildAlias)
ENDCASE

* Test to see if both keys are of the same data
type
SELECT (this.Parent.GridAlias)
cGridKeyType = ""

IF empty(this.Parent.viewkey) and
!empty(m.cChildKey) &&regular table used
  * Get the Child Key field since only index
tag is here
  * if these is an expression, then default to
blank.
  ctaname = ""
  FOR i = 1 to TagCount("")
    IF UPPER(tag(m.i)) ==
UPPER(m.cChildKey)
      ctaname = KEY(m.i)
      IPrimeKey = PRIMARY(m.i)
    EXIT
  ENDF
  ENDFOR

  * Check if we have an index expression
here.
  IF ATC("(",m.ctaname)#0 OR
ATC(" ",m.ctaname)#0
    cChildKey = ""
  ELSE
    cChildKey = m.ctaname
    cGridKeyType = TYPE(m.cChildKey)
  ENDF
  ENDF

IF
CURSORGETPROP("SourceType",m.cPapa
Alias)#3 and
!CURSORGETPROP("SendUpdates",m.cPap
aAlias)
  INoSendParentUpdates = .T.
ENDIF
IF
CURSORGETPROP("SourceType",m.cChild
Alias)#3 and
!CURSORGETPROP("SendUpdates",m.cChi
ldAlias)
  INoSendChildUpdates = .T.
ENDIF

* Check if have two views and both do not
send updates
IF m.INoSendParentUpdates and
m.INoSendChildUpdates
  =MESSAGEBOX(C_NOUPDATE_LOC)
  RETURN
ENDIF

SELECT (this.Parent.OldAlias )
IF !empty(m.cGridKeyType) and
m.cGridKeyType # TYPE(m.cPapaKey)
  IBadChildKey = .T.
ENDIF

```

```

do CASE
CASE m.INoSendParentUpdates and
(m.IBadViewKey OR m.IBadChildKey)
  =MESSAGEBOX(C_NOUPDATE_LOC)
  RETURN
CASE m.IPrimeKey and
m.INoSendParentUpdates
  =MESSAGEBOX(C_NOUPDATE2_LOC)
  RETURN
CASE m.INoSendChildUpdates &&child
view does not send updates
  IF
MESSAGEBOX(C_NOCHILDUPDATE_L
OC,MB_Q_YESNO) # MB_A_YES
    RETURN
  ENDF
  APPEND BLANK
CASE m.IBadViewKey &&view key in not
updatable
  IF
MESSAGEBOX(C_KEYFLDNOUPDATE_
LOC,MB_Q_YESNO) # MB_A_YES
    RETURN
  ENDF
  APPEND BLANK
CASE m.IBadChildKey &&bad child key --
different data type from parent
  IF
MESSAGEBOX(C_BADCHILDKEY_LOC,
MB_Q_YESNO) # MB_A_YES
    RETURN
  ENDF
  APPEND BLANK
OTHERWISE
  * Need to check if Key field is updatable
  IUpdatableParentKey = .T.
  IF
CURSORGETPROP("SourceType",m.cPapa
Alias)#3 and;

ATC(" "+m.cPapaKey+"",",","+CURSORGET
PROP("UpdatableFieldList",m.cPapaAlias)+
","))=0
  * cPapaKey = ""
  IUpdatableParentKey = .f.
  ENDF

  * Check for expression in cPapaKey if so,
then do not update record with keyvalue
  IF ATC("(",m.cPapaKey)#0 OR
ATC(" ",m.cPapaKey)#0
    cPapaKey = ""
  ENDF

  nSaveSess = set("DATASESSION")
  oAddRec = CREATE("GridAddRec")
  IF TYPE("m.oAddRec") # "O"
    =MESSAGEBOX(C_NOOBJ_LOC)
    RETURN
  ENDF
  oAddRec.ChildPrimaryKey =
m.IPrimeKey
  oAddRec.UpdatableParentKey =
m.IUpdatableParentKey
  oAddRec.NoSendUpdates =
m.INoSendParentUpdates
  oAddRec.KeyField = m.cPapaKey
  oAddRec.KeyValue =
IIF(!empty(m.cPapaKey),EVAL(m.cPapaKey
), "")
  *oAddRec.RunAddForm()
  *IF oAddRec.AddOption =
OPT_CANCEL
  * RETURN

```

```

*ENDIF
set DataSession to nSaveSess
SELECT (this.Parent.OldAlias)

IF TYPE("oAddRec.KeyValue") = "C"
  oAddRec.KeyValue =
TRIM(oAddRec.KeyValue)
ENDIF

* Add record to parent table
*IF
INLIST(oAddRec.AddOption,OPT_ADD_P
ARENT,OPT_ADD_BOTH)
  * IF EMPTY(m.cPapaKey)
  * APPEND BLANK IN (m.cPapaAlias)
  * ELSE
  * INSERT INTO (m.cPapaAlias)
((oAddRec.KeyField))
VALUES(oAddRec.KeyValue)
  * ENDF
*ENDIF

* Add child record
*IF
INLIST(oAddRec.AddOption,OPT_ADD_C
HILD,OPT_ADD_BOTH)
  * Need to check
  IF empty(m.cChildKey) OR
TYPE(m.cChildKey)#TYPE('oAddRec.KeyV
alue')
    APPEND BLANK IN (m.cChildAlias)
  ELSE
    INSERT INTO (m.cChildAlias)
((m.cChildKey))
VALUES(oAddRec.KeyValue)
  ENDF
*ENDIF
ENDCASE
ENDCASE

this.Parent.editmode = !this.Parent.editmode
this.Parent.AddMode = this.Parent.editmode
this.Parent.topfile = .f.
Thisform.LockScreen = .T.
this.Parent.buttonrefresh()
this.Parent.navrefresh()
Thisform.LockScreen = .f.

ENDPROC
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Width = 522
Height = 24
wizbmppath =
(HOME()+"WIZARDS\WIZBMPS")
Name = "picbtns"
cmdPrev.Top = 0
cmdPrev.Left = 49
cmdPrev.Width = 50
cmdPrev.Picture =
(gcOldDir+"IMAGENS\WZBACK.BMP")
cmdPrev.Caption = ""
cmdPrev.StatusBarText = "Vai pro registro
anterior"
cmdPrev.ToolTipText = "Anterior"
cmdPrev.Name = "cmdPrev"
cmdNext.Top = 0
cmdNext.Left = 98
cmdNext.Width = 50
cmdNext.Picture =
(gcOldDir+"IMAGENS\WZNEXT.BMP")
cmdNext.Caption = ""
cmdNext.StatusBarText = "Vai pro próximo
registro"
cmdNext.ToolTipText = "Próximo"
cmdNext.ColorSource = 0
cmdNext.Name = "cmdNext"

```

```

cmdTop.Top = 0
cmdTop.Left = 0
cmdTop.Width = 50
cmdTop.Picture =
(gcOldDir+"IMAGENS\WZTOP.BMP")
cmdTop.Caption = ""
cmdTop.StatusBarText = "Vai pro topo do
arquivo"
cmdTop.ToolTipText = "Primeiro"
cmdTop.Name = "cmdTop"
cmdEnd.Top = 0
cmdEnd.Left = 147
cmdEnd.Width = 50
cmdEnd.Picture =
(gcOldDir+"IMAGENS\WZEND.BMP")
cmdEnd.Caption = ""
cmdEnd.StatusBarText = "Vai pro fim do
arquivo"
cmdEnd.ToolTipText = "Último"
cmdEnd.Name = "cmdEnd"
cmdFind.Top = 0
cmdFind.Left = 206
cmdFind.Width = 50
cmdFind.Picture =
(gcOldDir+"IMAGENS\WZLOCATE.BMP"
)
cmdFind.Caption = ""
cmdFind.StatusBarText = "Procura registros"
cmdFind.ToolTipText = "Procura"
cmdFind.Name = "cmdFind"
cmdPrint.Top = 0
cmdPrint.Left = 255
cmdPrint.Width = 0
cmdPrint.Picture =
(gcOldDir+"IMAGENS\WZPRINT.BMP")
cmdPrint.Caption = ""
cmdPrint.Enabled = .f.
cmdPrint.StatusBarText = "Imprime
relatório"
cmdPrint.ToolTipText = "Imprime"
cmdPrint.Visible = .f.
cmdPrint.Name = "cmdPrint"
cmdExit.Top = 0
cmdExit.Left = 432
cmdExit.Width = 50
cmdExit.Picture =
(gcOldDir+"IMAGENS\WZCLOSE.BMP")
cmdExit.Caption = ""
cmdExit.StatusBarText = "Sai da tela"
cmdExit.ToolTipText = "Sai"
cmdExit.Name = "cmdExit"
cmdAdd.Top = 0
cmdAdd.Left = 275
cmdAdd.Width = 50
cmdAdd.Picture =
(gcOldDir+"IMAGENS\WZNEW.BMP")
cmdAdd.Caption = ""
cmdAdd.StatusBarText = "Novo registro /
Salva informações"
cmdAdd.ToolTipText = "Novo / Salva"
cmdAdd.Name = "cmdAdd"
cmdDelete.Top = 0
cmdDelete.Left = 373
cmdDelete.Width = 50
cmdDelete.Picture =
(gcOldDir+"IMAGENS\WZDELETE.BMP")
cmdDelete.Caption = ""
cmdDelete.StatusBarText = "Deleta registro"
cmdDelete.ToolTipText = "Deleta"
cmdDelete.Name = "cmdDelete"
cmdEdit.Top = 0
cmdEdit.Left = 324
cmdEdit.Width = 50
cmdEdit.Picture =
(gcOldDir+"IMAGENS\WZEDIT.BMP")
cmdEdit.Caption = ""

```

```

cmdEdit.StatusBarText = "Edita registro /
Reverte mudanças"
cmdEdit.ToolTipText = "Edita / Desfaz"
cmdEdit.Name = "cmdEdit"
procedure SetCaption
IF !this.editmode
this.cmdAdd.Picture =
this.wizbmppath+"wznew.bmp"
this.cmdEdit.Picture =
this.wizbmppath+"wzedit.bmp"
this.cmdAdd.DownPicture =
this.wizbmppath+"wznew.bmp"
this.cmdEdit.DownPicture =
this.wizbmppath+"wzedit.bmp"
ELSE
this.cmdAdd.Picture =
this.wizbmppath+"wzsave.bmp"
this.cmdEdit.Picture =
this.wizbmppath+"wzundo.bmp"
this.cmdAdd.DownPicture =
this.wizbmppath+"wzsave.bmp"
this.cmdEdit.DownPicture =
this.wizbmppath+"wzundo.bmp"
ENDIF
ENDPROC
procedure Init
TxtBtns::Init()
Thisform.ShowTips = .T.
ENDPROC
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Width = 338
Height = 27
Name = "navega"
cmdPrev.Top = 0
cmdPrev.Left = 49
cmdPrev.Height = 24
cmdPrev.Width = 50
cmdPrev.Picture =
(gcOldDir+"imagens\WZBACK.BMP")
cmdPrev.Name = "cmdPrev"
cmdNext.Top = 0
cmdNext.Left = 98
cmdNext.Height = 24
cmdNext.Width = 50
cmdNext.Picture =
(gcOldDir+"imagens\WZNEXT.BMP")
cmdNext.Name = "cmdNext"
cmdTop.Top = 0
cmdTop.Left = 0
cmdTop.Height = 24
cmdTop.Width = 50
cmdTop.Picture =
(gcOldDir+"imagens\WZTOP.BMP")
cmdTop.Name = "cmdTop"
cmdEnd.Top = 0
cmdEnd.Left = 147
cmdEnd.Height = 24
cmdEnd.Width = 50
cmdEnd.Picture =
(gcOldDir+"imagens\WZEND.BMP")
cmdEnd.Name = "cmdEnd"
cmdFind.Top = 0
cmdFind.Left = 206
cmdFind.Height = 24
cmdFind.Width = 50
cmdFind.Picture =
(gcOldDir+"imagens\WZLOCATE.BMP")
cmdFind.Name = "cmdFind"
cmdPrint.Top = 0
cmdPrint.Left = 255
cmdPrint.Height = 24
cmdPrint.Width = 0
cmdPrint.Picture =
(gcOldDir+"imagens\WZPRINT.BMP")

```

```

cmdPrint.Enabled = .f.
cmdPrint.Visible = .f.
cmdPrint.Name = "cmdPrint"
cmdExit.Top = 0
cmdExit.Left = 276
cmdExit.Height = 24
cmdExit.Width = 50
cmdExit.Picture =
(gcOldDir+"imagens\WZCLOSE.BMP")
cmdExit.Name = "cmdExit"
cmdAdd.Top = 0
cmdAdd.Left = 314
cmdAdd.Height = 24
cmdAdd.Width = 0
cmdAdd.Enabled = .f.
cmdAdd.Visible = .f.
cmdAdd.Name = "cmdAdd"
cmdDelete.Top = 0
cmdDelete.Left = 385
cmdDelete.Height = 24
cmdDelete.Width = 0
cmdDelete.Enabled = .f.
cmdDelete.Visible = .f.
cmdDelete.Name = "cmdDelete"
cmdEdit.Top = 0
cmdEdit.Left = 363
cmdEdit.Height = 24
cmdEdit.Width = 0
cmdEdit.Enabled = .f.
cmdEdit.Visible = .f.
cmdEdit.Name = "cmdEdit"
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
DoCreate = .T.
icon = ..\dner02.ico
Name = "searchform"
Searchclass1.cboFields1.Name =
"cboFields1"
Searchclass1.cboOperators1.Name =
"cboOperators1"
Searchclass1.txtExpr1.Name = "txtExpr1"
Searchclass1.cboFields2.Name =
"cboFields2"
Searchclass1.cboOperators2.Name =
"cboOperators2"
Searchclass1.txtExpr2.Name = "txtExpr2"
Searchclass1.optGrpAndOr.Option1.Value =
1
Searchclass1.optGrpAndOr.Option1.Left = 5
Searchclass1.optGrpAndOr.Option1.Top = 5
Searchclass1.optGrpAndOr.Option1.Name =
"Option1"
Searchclass1.optGrpAndOr.Option2.Value =
0
Searchclass1.optGrpAndOr.Option2.Left = 5
Searchclass1.optGrpAndOr.Option2.Top =
23
Searchclass1.optGrpAndOr.Option2.Name =
"Option2"
Searchclass1.optGrpAndOr.Name =
"optgrpAndOr"
Searchclass1.Label1.Name = "Label1"
Searchclass1.Label2.Name = "label2"
Searchclass1.Label3.Name = "label3"
Searchclass1.Label4.Name = "label4"
Searchclass1.Label5.Name = "label5"
Searchclass1.Label6.Name = "label6"
Searchclass1.chkCaseSensitive.Name =
"chkCaseSensitive"
Searchclass1.Top = 3
Searchclass1.Left = 12
Searchclass1.Width = 452
Searchclass1.Height = 160
Searchclass1.Name = "Searchclass1"
CommandGroup1.Command1.Top = 1
CommandGroup1.Command1.Left = 0

```

CommandGroup1.Command1.Name =
 "Command1"
 CommandGroup1.Command2.Top = 1
 CommandGroup1.Command2.Left = 84
 CommandGroup1.Command2.Name =
 "Command2"
 CommandGroup1.Command3.Top = 1
 CommandGroup1.Command3.Left = 168
 CommandGroup1.Command3.Name =
 "Command3"
 CommandGroup1.Name =
 "Commandgroup1"
 Arial, 1, 10, 6, 16, 13, 14, 3, 0
 MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0

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RecordSource = "customer"
 FontName = "MS Sans Serif"
 FontSize = 8
 Height = 152
 Width = 397
 Name = "grid1"
 ScaleMode = 3
 Top = 6
 Left = 6
 DoCreate = .T.
 wizbuttons = 0
 wizbtnpos = 0
 Name = "nobtns"
 Height = 2
 Left = 1
 Top = 48
 Width = 584
 Name = "Shape1"
 Height = 2
 Left = 3
 Top = 264
 Width = 584
 Name = "Shape2"
 FontSize = 14
 BackStyle = 0
 Caption = "Label1"
 Height = 22
 Left = 27
 Top = 12
 Width = 62
 AutoSize = .T.
 Name = "Label1"
 Height = 68
 Width = 68
 wizeffect = 0
 Name = "wizshape"
 Width = 517
 Height = 205
 TabIndex = 0
 odimensions = Shape1
 olabel1 = Shape2
 olabel2 = Shape3
 ocol2 = Shape4
 Name = "layoutsty"
 Height = 205
 Left = 0
 Top = 0
 Width = 517
 Name = "Shape1"
 Height = 13
 Left = 24
 Top = 24
 Width = 37
 Name = "Shape2"
 Height = 13
 Left = 24
 Top = 45
 Width = 37

Name = "Shape3"
 Height = 13
 Left = 228
 Top = 24
 Width = 37
 Name = "Shape4"
 Width = 94
 Height = 43
 BackStyle = 0
 BorderWidth = 0
 SpecialEffect = 2
 Name = "boxfield"
 BackColor = 255,255,255
 BackStyle = 1
 FillColor = 255,255,255
 FillStyle = 0
 Height = 43
 Left = 0
 Top = 0
 Width = 94
 SpecialEffect = 1
 wizeffect = 1
 Name = "Shape1"
 FontSize = 9
 BackColor = 0,0,255
 BackStyle = 0
 Caption = "Label1"
 ForeColor = 0,0,255
 Height = 15
 Left = 3
 Top = 2
 Width = 49
 TabIndex = 0
 Name = "Label1"
 FontSize = 9
 BackColor = 255,255,255
 BackStyle = 1
 BorderStyle = 0
 Height = 18
 Left = 3
 SpecialEffect = 1
 TabIndex = 0
 Top = 23
 Width = 88
 SelectedBackColor = 128,128,128
 ColorSource = 0
 Name = "Text1"
 Arial, 1, 9, 6, 15, 12, 13, 3, 0
 Width = 88
 Height = 43
 BackStyle = 0
 BorderWidth = 0
 SpecialEffect = 2
 Name = "boxlogic"
 BackColor = 255,255,255
 FillColor = 255,255,255
 FillStyle = 0
 Height = 43
 Left = 0
 Top = 0
 Width = 85
 wizeffect = 1
 Name = "Shape1"
 FontSize = 9
 BackColor = 0,0,255
 BackStyle = 0
 Caption = "Label1"
 ForeColor = 0,0,255
 Height = 13
 Left = 3
 Top = 2
 Width = 49
 TabIndex = 0
 Name = "Label1"
 Top = 22
 Left = 2

Height = 17
 Width = 13
 FontSize = 9
 BackStyle = 1
 Caption = ""
 SpecialEffect = 0
 TabIndex = 0
 ColorSource = 0
 Name = "Check1"
 Arial, 1, 9, 6, 15, 12, 13, 3, 0
 Width = 247
 Height = 75
 BackStyle = 0
 BorderWidth = 0
 SpecialEffect = 2
 Name = "boxmemo"
 BackColor = 255,255,255
 BorderStyle = 1
 FillColor = 255,255,255
 FillStyle = 0
 Height = 75
 Left = 0
 Top = 0
 Width = 246
 wizeffect = 1
 Name = "Shape1"
 FontSize = 9
 BackStyle = 0
 BorderStyle = 0
 Caption = "Label1"
 ForeColor = 0,0,255
 Height = 13
 Left = 3
 Top = 2
 Width = 49
 TabIndex = 0
 Name = "Label1"
 FontSize = 9
 BackColor = 255,255,255
 BorderStyle = 0
 Height = 50
 Left = 3
 ScrollBars = 0
 SpecialEffect = 1
 TabIndex = 0
 Top = 23
 Width = 241
 ColorSource = 0
 Name = "Edit1"
 Arial, 1, 9, 6, 15, 12, 13, 3, 0
 Width = 156
 Height = 125
 BackStyle = 0
 BorderWidth = 0
 SpecialEffect = 2
 Name = "boxole"
 BackColor = 255,255,255
 FillColor = 255,255,255
 FillStyle = 0
 Height = 125
 Left = 0
 Top = 0
 Width = 156
 wizeffect = 1
 Name = "shape1"
 FontSize = 9
 BackStyle = 0
 BorderStyle = 0
 Caption = "Label1"
 ForeColor = 0,0,255
 Height = 13
 Left = 3
 Top = 2
 Width = 49
 TabIndex = 0
 Name = "label1"

Top = 23
 Left = 3
 Height = 100
 Width = 150
 TabIndex = 0
 Name = "oleboundcontrol1"
 Arial, 1, 9, 6, 15, 12, 13, 3, 0
 FontBold = .f.
 FontName = "Arial"
 FontSize = 8
 Height = 21
 Width = 113
 Name = "embossedfield"
 Arial, 0, 8, 5, 14, 11, 12, 3, 0
 FontBold = .f.
 FontName = "Arial"
 FontSize = 8
 BackStyle = 0
 Caption = "Label1"
 Height = 13
 Width = 43
 Name = "embossedlabel"
 Arial, 0, 8, 5, 14, 11, 12, 3, 0
 Height = 15
 Width = 72
 FontBold = .f.
 FontName = "Arial"
 FontSize = 8
 BackStyle = 0
 Caption = "Check1"
 Name = "embossedlogic"
 Arial, 0, 8, 5, 14, 11, 12, 3, 0
 FontBold = .f.
 FontName = "Arial"
 FontSize = 8
 Alignment = 0
 Height = 50
 Width = 150
 Name = "embossedmemo"
 Arial, 0, 8, 5, 14, 11, 12, 3, 0
 Height = 100
 Width = 150
 Visible = .T.
 Sizable = .T.
 Name = "embossedole"
 Width = 149
 Height = 25
 BackStyle = 0
 BorderWidth = 0
 SpecialEffect = 2
 Name = "shadowfield"
 BackColor = 128,128,128
 FillColor = 128,128,128
 FillStyle = 0
 Height = 20
 Left = 51
 Top = 4
 Width = 97
 Name = "Shape1"
 FontName = "Arial"
 FontSize = 8
 Alignment = 1
 BackStyle = 0
 Caption = "Label1"
 Height = 16
 Left = 0
 Top = 3
 Width = 41
 TabIndex = 0
 Name = "Label1"
 FontName = "Arial"
 FontSize = 8
 BackColor = 255,255,255
 Height = 20
 Left = 46
 SpecialEffect = 1

TabIndex = 0
 Top = 0
 Width = 97
 SelectedBackColor = 128,128,128
 Name = "Text1"
 Arial, 1, 8, 5, 14, 11, 12, 3, 0
 Width = 94
 Height = 18
 BackStyle = 0
 BorderWidth = 0
 SpecialEffect = 2
 Name = "shadowlogic"
 BackColor = 128,128,128
 FillColor = 128,128,128
 FillStyle = 0
 Height = 11
 Left = 57
 Top = 5
 Width = 11
 Name = "Shape1"
 Top = -1
 Left = 53
 Height = 15
 Width = 15
 Caption = ""
 SpecialEffect = 1
 TabIndex = 0
 Name = "Check1"
 FontName = "Arial"
 FontSize = 8
 Alignment = 1
 BackStyle = 0
 Caption = "Label1"
 Height = 16
 Left = -1
 Top = 0
 Width = 49
 TabIndex = 0
 Name = "Label1"
 Arial, 1, 10, 6, 16, 13, 14, 3, 0
 Arial, 1, 8, 5, 14, 11, 12, 3, 0
 FontBold = .T.
 FontName = "MS Sans Serif"
 FontSize = 8
 Alignment = 3
 Height = 22
 SpecialEffect = 1
 Width = 100
 Name = "standardfield"
 MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
 FontName = "MS Sans Serif"
 FontSize = 8
 Alignment = 0
 BackStyle = 0
 Caption = "Label1"
 Height = 15
 Width = 39
 AutoSize = .f.
 Name = "standardlabel"
 MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
 Height = 16
 Width = 68
 FontName = "MS Sans Serif"
 FontSize = 9
 Alignment = 0
 BackStyle = 0
 Caption = "Check1"
 SpecialEffect = 1
 Name = "standardlogic"
 MS Sans Serif, 1, 9, 6, 13, 11, 12, 2, 0
 FontName = "MS Sans Serif"
 FontSize = 8
 Height = 43
 SpecialEffect = 1
 Width = 150
 Name = "standardmemo"

MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
 Height = 100
 Width = 150
 Name = "standardole"
 ScaleMode = 3
 DoCreate = .T.
 wizlayout = layoutsty
 wizfield = boxfield
 wizmemo = boxmemo
 wizlogic = boxlogic
 wizole = boxole
 wizmaxcharfld = 45
 wizblsuffix = (":")
 wizblcap = proper
 wizformstretch = .T.
 wizbldefwid = .f.
 wiztitle = Label1
 wizuser = 0
 wizgrid = grid1
 wizverify = .T.
 wizcodestyle = .T.
 Name = "boxform"
 Top = 62
 Left = 5
 Width = 571
 Height = 195
 TabIndex = 0
 Name = "Layoutsty"
 Shape1.Height = 194
 Shape1.Left = 0
 Shape1.Top = 0
 Shape1.Width = 570
 Shape1.Name = "shape1"
 Shape2.Left = 16
 Shape2.Top = 1
 Shape2.Name = "shape2"
 Shape3.Left = 16
 Shape3.Top = 13
 Shape3.Name = "shape3"
 Shape4.Left = 55
 Shape4.Top = 1
 Shape4.Name = "shape4"
 BackColor = 0,0,255
 FillColor = 0,0,255
 FillStyle = 0
 Height = 61
 Left = 0
 Top = 0
 Width = 580
 Name = "Shape1"
 FontName = "Arial"
 FontSize = 20
 BackColor = 255,255,255
 BackStyle = 0
 Caption = "Label1"
 ForeColor = 255,255,255
 Height = 35
 Left = 21
 Top = 17
 Width = 87
 AutoSize = .T.
 Name = "Label1"
 BackColor = 0,0,255
 FillColor = 0,0,255
 FillStyle = 0
 Height = 61
 Left = 0
 Top = 261
 Width = 580
 Name = "Shape2"
 Arial, 1, 10, 6, 16, 13, 14, 3, 0
 Arial, 1, 20, 13, 33, 25, 28, 7, 1
 ScaleMode = 3
 DoCreate = .T.
 wizlayout = layoutsty
 wizfield = chiselfield

wizmemo = chiselmemo
wizlogic = chisellogic
wizole = chiselole
wizmaxcharfld = 45
wizblsuffix = (":")
wizblcap = proper
wizformstretch = .T.
wizbldefwid = .T.
wiztitle = Label1
wizuser = 0
wizgrid = grid1
wizverify = .T.
wizbtnpos = 0
wizcodestyle = .T.
Name = "chiselform"
Top = 53
Left = 2
Width = 573
Height = 213
TabIndex = 0
ZOrderSet = 0
odimensions = Shape1
Name = "Layoutsty"
Shape1.Height = 212
Shape1.Left = 0
Shape1.Top = 0
Shape1.Width = 572
Shape1.Name = "shape1"
Shape2.Left = 16
Shape2.Top = 7
Shape2.Name = "shape2"
Shape3.Left = 16
Shape3.Top = 22
Shape3.Name = "shape3"
Shape4.Left = 255
Shape4.Top = 7
Shape4.Name = "shape4"
Height = 2
Left = 0
Top = 270
Width = 584
ZOrderSet = 1
Name = "Shape2"
BorderColor = 0,0,0
FillColor = 0,0,0
FillStyle = 0
Height = 50
Left = 0
Top = 0
Width = 580
ZOrderSet = 2
Name = "Shape3"
FontSize = 20
BackColor = 0,0,0
BackStyle = 0
Caption = "Label1"
ForeColor = 255,255,255
Height = 35
Left = 19
Top = 10
Width = 87
AutoSize = .T.
ZOrderSet = 3
Name = "Label1"
Arial, 1, 10, 6, 16, 13, 14, 3, 0
Arial, 1, 20, 13, 33, 25, 28, 7, 1
ScaleMode = 3
DoCreate = .T.
BackColor = 192,192,192
wizlayout = layoutsty
wizfield = embossedfield
wizmemo = embossedmemo
wizlogic = embossedlogic
wizole = embossedole
wizmaxcharfld = 45
wizblsuffix = (":")

wizblcap = proper
wizformstretch = .T.
wizbldefwid = .T.
wiztitle = Label1
wizuser = 0
wizgrid = grid1
wizverify = .T.
wizbtnpos = 0
wizcodestyle = .T.
wizcheckboxl = .T.
wizlabel = embossedlabel
Name = "embossedform"
Top = 54
Left = 4
Width = 571
Height = 205
TabIndex = 0
Name = "Layoutsty"
Shape1.Height = 205
Shape1.Left = 0
Shape1.Top = 0
Shape1.Width = 570
Shape1.Name = "shape1"
Shape2.Left = 6
Shape2.Top = 7
Shape2.Name = "shape2"
Shape3.Left = 6
Shape3.Top = 22
Shape3.Name = "shape3"
Shape4.Left = 49
Shape4.Top = 7
Shape4.Name = "shape4"
FontBold = .T.
FontName = "Times New Roman"
FontSize = 20
BackStyle = 0
Caption = "Label1"
Height = 34
Left = 12
Top = 8
Width = 81
AutoSize = .T.
Name = "Label1"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 5
Top = 42
Width = 568
Name = "Shape1"
BackColor = 255,255,255
BorderColor = 255,255,255
Height = 1
Left = 5
Top = 43
Width = 568
Name = "Shape2"
BackColor = 128,128,128
BorderColor = 128,128,128
Height = 1
Left = 6
Top = 264
Width = 568
Name = "Shape3"
BackColor = 255,255,255
BorderColor = 255,255,255
Height = 1
Left = 6
Top = 265
Width = 568
Name = "Shape4"
Arial, 1, 10, 6, 16, 13, 14, 3, 0
Times new Roman, 1, 20, 12, 32, 25, 28, 6, 1
ScaleMode = 3
DoCreate = .T.
wizlayout = layoutsty

wizfield = shadowfield
wizmemo = shadowmemo
wizlogic = shadowlogic
wizole = shadowole
wizmaxcharfld = 45
wizblsuffix = (":")
wizblcap = proper
wizformstretch = .T.
wizbldefwid = .T.
wiztitle = Label1
wizuser = 0
wizgrid = grid1
wizverify = .T.
wizbtnpos = 0
wizcodestyle = .T.
Name = "shadowform"
Top = 54
Left = 7
Width = 564
Height = 205
TabIndex = 0
odimensions = Shape1
Name = "Layoutsty"
Shape1.Height = 205
Shape1.Left = 0
Shape1.Top = 0
Shape1.Width = 563
Shape1.Name = "shape1"
Shape2.Left = 16
Shape2.Top = 7
Shape2.Name = "shape2"
Shape3.Left = 16
Shape3.Top = 22
Shape3.Name = "shape3"
Shape4.Left = 56
Shape4.Top = 7
Shape4.Name = "shape4"
Height = 2
Left = 0
Top = 48
Width = 584
Name = "Shape1"
Height = 2
Left = 2
Top = 264
Width = 584
Name = "Shape2"
FontSize = 14
BackStyle = 0
Caption = "Label1"
Height = 25
Left = 26
Top = 12
Width = 62
AutoSize = .T.
Name = "Label1"
Arial, 1, 10, 6, 16, 13, 14, 3, 0
Arial, 1, 14, 9, 23, 18, 20, 4, 1
ScaleMode = 3
DoCreate = .T.
BackColor = 255,255,255
wizlayout = layoutsty
wizfield = standardfield
wizmemo = standardmemo
wizlogic = standardlogic
wizole = standardole
wizmaxcharfld = 45
wizblsuffix = (":")
wizblcap = proper
wizformstretch = .T.
wizbldefwid = .T.
wiztitle = Label1
wizuser = 0
wizgrid = grid1
wizverify = .T.
wizbtnpos = 0

wizcodestyle = .T.
 wizlabel = standardlabel
 wizlblspace = 10
 wizcheckboxl = .T.
 Name = "standardform"
 Top = 6
 Left = 9
 Width = 561
 Height = 253
 TabIndex = 0
 odimensions = Shape1
 Name = "Layoutsty"
 Shape1.Height = 252
 Shape1.Left = 0
 Shape1.Top = 0
 Shape1.Width = 561
 Shape1.Name = "shape1"
 Shape2.Left = 16
 Shape2.Top = 7
 Shape2.Name = "shape2"
 Shape3.Left = 16
 Shape3.Top = 22
 Shape3.Name = "shape3"
 Shape4.Left = 56
 Shape4.Top = 7
 Shape4.Name = "shape4"
 Arial, 1, 10, 6, 16, 13, 14, 3, 0
 Width = 94
 Height = 276
 Name = "vertxtbtms"
 cmdPrev.Top = 24
 cmdPrev.Left = 0
 cmdPrev.Name = "cmdPrev"
 cmdNext.Top = 48
 cmdNext.Left = 0
 cmdNext.Name = "cmdNext"
 cmdTop.Top = 0
 cmdTop.Left = 0
 cmdTop.Name = "cmdTop"
 cmdEnd.Top = 72
 cmdEnd.Left = 0
 cmdEnd.Name = "cmdEnd"
 cmdFind.Top = 108
 cmdFind.Left = 0
 cmdFind.Width = 55
 cmdFind.Name = "cmdFind"
 cmdPrint.Top = 132
 cmdPrint.Left = 0
 cmdPrint.Width = 55
 cmdPrint.Name = "cmdPrint"
 cmdExit.Top = 252
 cmdExit.Left = 0
 cmdExit.Height = 24
 cmdExit.Width = 55
 cmdExit.Name = "cmdExit"
 cmdAdd.Top = 168
 cmdAdd.Left = 0
 cmdAdd.Name = "cmdAdd"
 cmdDelete.Top = 216
 cmdDelete.Left = 0
 cmdDelete.Name = "cmdDelete"
 cmdEdit.Top = 192
 cmdEdit.Left = 0
 cmdEdit.Name = "cmdEdit"
 MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
 Width = 207
 Height = 111
 BackStyle = 0
 BorderWidth = 0
 SpecialEffect = 2
 Name = "shadowole"
 BackColor = 128,128,128
 FillColor = 128,128,128
 FillStyle = 0
 Height = 100
 Left = 54

Top = 7
 Width = 150
 Name = "shape1"
 BackColor = 255,255,255
 BorderColor = 0,0,0
 FillColor = 255,255,255
 FillStyle = 0
 Height = 100
 Left = 49
 Top = 3
 Width = 150
 Name = "Shape2"
 FontName = "Arial"
 FontSize = 8
 Alignment = 1
 BackStyle = 0
 Caption = "Label1"
 Height = 16
 Left = 0
 Top = 4
 Width = 40
 TabIndex = 0
 Name = "label1"
 Top = 3
 Left = 49
 Height = 100
 Width = 150
 TabIndex = 0
 Name = "oleboundcontrol1"
 Arial, 1, 8, 5, 14, 11, 14, 3, 0
 Width = 204
 Height = 56
 BackStyle = 0
 BorderWidth = 0
 SpecialEffect = 2
 Name = "shadowmemo"
 BackColor = 128,128,128
 FillColor = 128,128,128
 FillStyle = 0
 Height = 48
 Left = 54
 Top = 7
 Width = 150
 Name = "Shape1"
 FontName = "Arial"
 FontSize = 8
 Alignment = 1
 BackStyle = 0
 Caption = "Label1"
 Height = 16
 Left = -1
 Top = 4
 Width = 40
 TabIndex = 0
 Name = "Label1"
 FontName = "Arial"
 FontSize = 8
 BackColor = 255,255,255
 Height = 48
 Left = 49
 SpecialEffect = 1
 TabIndex = 0
 Top = 2
 Width = 150
 Name = "Edit1"
 Arial, 1, 8, 5, 14, 11, 14, 3, 0
 DataSession = 1
 ScaleMode = 3
 Height = 320
 Width = 580
 DoCreate = .T.
 AutoCenter = .T.
 BackColor = 192,192,192
 Caption = "Form1"
 Enabled = .T.
 wizlayout =

wizfield =
 wizmemo =
 wizlogic = 0
 wizole =
 wizmaxcharfld = 0
 wizlblsuffix = 0
 wizlblcap = 0
 wizformstretch = 0
 wizlbldefwid = 0
 wiztitle =
 wizuser = 0
 wizgrid =
 wizverify = 0
 wizbuttons = 0
 wizbtnpos = 0
 wizcodestyle = 0
 wizbtnlayout = 0
 wizcaptions = .T.
 wizbuffering = 5
 wizlabel =
 wizlblspace = 0
 Name = "baseform"
 Arial, 1, 10, 6, 16, 13, 16, 3, 0
 Width = 148
 Height = 24
 BackColor = 192,192,192
 BackStyle = 0
 BorderWidth = 0
 SpecialEffect = 2
 Name = "chiselfield"
 BackColor = 255,255,255
 Height = 2
 Left = 46
 Top = 20
 Width = 97
 SpecialEffect = 0
 Name = "Shape1"
 FontName = "Arial"
 FontSize = 8
 Alignment = 1
 BackStyle = 0
 Caption = "Label1"
 Height = 13
 Left = 0
 Top = 5
 Width = 45
 ColorSource = 3
 TabIndex = 0
 Name = "Label1"
 FontBold = .f.
 FontName = "Arial"
 FontSize = 8
 BackColor = 192,192,192
 BackStyle = 0
 BorderStyle = 0
 Height = 17
 Left = 46
 SpecialEffect = 1
 TabIndex = 0
 Top = 3
 Width = 97
 DisabledForeColor = 0,0,128
 SelectedForeColor = 255,255,255
 SelectedBackColor = 0,0,0
 Name = "Text1"
 Arial, 1, 8, 5, 14, 11, 12, 3, 0
 Arial, 0, 8, 5, 14, 11, 12, 3, 0
 Width = 198
 Height = 52
 BackColor = 192,192,192
 BackStyle = 0
 BorderWidth = 0
 SpecialEffect = 2
 Name = "chiselmemo"
 BackColor = 255,255,255
 Height = 2

```

Left = 46
Top = 50
Width = 150
SpecialEffect = 0
Name = "Shape1"
FontName = "Arial"
FontSize = 8
Alignment = 1
BackStyle = 0
Caption = "Label1"
Height = 13
Left = 0
Top = 3
Width = 43
ColorSource = 3
TabIndex = 0
Name = "Label1"
FontBold = .f.
FontName = "Arial"
FontSize = 8
BackColor = 192,192,192
BackStyle = 0
Height = 48
Left = 46
SpecialEffect = 0
TabIndex = 0
Top = 0
Width = 150
DisabledForeColor = 0,0,128
SelectedForeColor = 255,255,255
SelectedBackColor = 0,0,0
Name = "Edit1"
Arial, 1, 8, 5, 14, 11, 12, 3, 0
Arial, 0, 8, 5, 14, 11, 12, 3, 0
Width = 94
Height = 18
BackColor = 192,192,192
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "chisellogic"
BackColor = 255,255,255
DragMode = 0
Height = 2
Left = 53
Top = 15
Width = 11
SpecialEffect = 0
Name = "Shape1"
Top = 0
Left = 53
Height = 15
Width = 15
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = ""
SpecialEffect = 0
TabIndex = 0
Name = "Check1"
FontName = "Arial"
FontSize = 8
Alignment = 1
BackStyle = 0
Caption = "Label1"
Height = 13
Left = 0
Top = 1
Width = 49
ColorSource = 3
TabIndex = 0
Name = "Label1"
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Arial, 1, 8, 5, 14, 11, 12, 3, 0
Width = 200
Height = 109

```

```

BackColor = 192,192,192
BackStyle = 0
BorderWidth = 0
SpecialEffect = 2
Name = "chiselole"
FontName = "Arial"
FontSize = 8
Alignment = 1
BackStyle = 0
Caption = "Label1"
Height = 13
Left = 0
Top = 3
Width = 43
ColorSource = 3
TabIndex = 0
Name = "label1"
Top = 0
Left = 46
Height = 100
Width = 150
TabIndex = 0
Name = "oleboundcontrol1"
BackColor = 255,255,255
Height = 2
Left = 45
Top = 103
Width = 150
SpecialEffect = 0
Name = "shape1"
Arial, 1, 8, 5, 14, 11, 12, 3, 0
Height = 22
Width = 39
Name = "gridaddrec"
procedure runaddform
    #DEFINE C_NOOBJ_LOC "Failed to
create the Add Record form class. Check or
reinstall the WIZSTYLE.VCX file."

    private
cFldKey,cKeyValue,nBtnAction,nAddAction
,oGridAddForm

    IF TYPE("THIS.KeyField") # "C"
        this.KeyField = ""
    ENDIF

    cFldKey = this.KeyField
cKeyValue = this.KeyValue
nBtnAction = 1
nAddAction = 1

    oGridAddForm =
CREATE("gridaddform",m.cFldKey,m.cKey
Value,;

M.nBtnAction,m.nAddAction,this.ChildPrim
aryKey,this.UpdatableParentKey,this.NoSend
Updates)

    IF TYPE("m.oGridAddForm") # "O"
        =MESSAGEBOX(C_NOOBJ_LOC)
        this.AddOption = 0
        RETURN
    ENDIF

    IF this.NoSendUpdates
        oGridAddForm.Optiongroup1.Value = 2
        oGridAddForm.Text1.Value =
m.cKeyValue
    ENDIF

    oGridAddForm.Show()

    this.AddOption =
IIF(m.nBtnAction=1,m.nAddAction,0)

```

```

this.KeyValue = m.cKeyValue

ENDPROC
Width = 553
Height = 25
Name = "botoes"
cmdPrev.Top = 0
cmdPrev.Left = 54
cmdPrev.Height = 24
cmdPrev.Width = 55
cmdPrev.Name = "cmdPrev"
cmdNext.Top = 0
cmdNext.Left = 108
cmdNext.Height = 24
cmdNext.Width = 55
cmdNext.Name = "cmdNext"
cmdTop.Top = 0
cmdTop.Left = 0
cmdTop.Height = 24
cmdTop.Width = 55
cmdTop.Name = "cmdTop"
cmdEnd.Top = 0
cmdEnd.Left = 162
cmdEnd.Height = 24
cmdEnd.Width = 55
cmdEnd.Name = "cmdEnd"
cmdFind.Top = 0
cmdFind.Left = 226
cmdFind.Height = 24
cmdFind.Width = 49
cmdFind.Name = "cmdFind"
cmdPrint.Top = 0
cmdPrint.Left = 274
cmdPrint.Height = 24
cmdPrint.Width = 49
cmdPrint.Name = "cmdPrint"
cmdExit.Top = 0
cmdExit.Left = 499
cmdExit.Height = 24
cmdExit.Width = 53
cmdExit.Name = "cmdExit"
cmdAdd.Top = 0
cmdAdd.Left = 333
cmdAdd.Height = 24
cmdAdd.Width = 53
cmdAdd.Name = "cmdAdd"
cmdDelete.Top = 0
cmdDelete.Left = 437
cmdDelete.Height = 24
cmdDelete.Width = 53
cmdDelete.Enabled = .f.
cmdDelete.Visible = .f.
cmdDelete.Name = "cmdDelete"
cmdEdit.Top = 0
cmdEdit.Left = 385
cmdEdit.Height = 24
cmdEdit.Width = 53
cmdEdit.Name = "cmdEdit"
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Width = 522
Height = 24
wizbmpspath =
(HOME()+ "WIZARDS\WIZBMPS")
Name = "picbtms"
cmdPrev.Top = 0
cmdPrev.Left = 49
cmdPrev.Width = 50
cmdPrev.Picture =
(HOME()+ "WIZARDS\WIZBMPS\WZBAC
K.BMP")
cmdPrev.Caption = ""
cmdPrev.ToolTipText = "Anterior"
cmdPrev.Name = "cmdPrev"
cmdNext.Top = 0
cmdNext.Left = 98
cmdNext.Width = 50

```

```

cmdNext.Picture =
(HOME()+"WIZARDS\WIZBMPS\WZNEXT.BMP")
cmdNext.Caption = ""
cmdNext.ToolTipText = "Próximo"
cmdNext.ColorSource = 0
cmdNext.Name = "cmdNext"
cmdTop.Top = 0
cmdTop.Left = 0
cmdTop.Width = 50
cmdTop.Picture =
(HOME()+"WIZARDS\WIZBMPS\WZTOP.BMP")
cmdTop.Caption = ""
cmdTop.ToolTipText = "Primeiro"
cmdTop.Name = "cmdTop"
cmdEnd.Top = 0
cmdEnd.Left = 147
cmdEnd.Width = 50
cmdEnd.Picture =
(HOME()+"WIZARDS\WIZBMPS\WZEND.BMP")
cmdEnd.Caption = ""
cmdEnd.ToolTipText = "Último"
cmdEnd.Name = "cmdEnd"
cmdFind.Top = 0
cmdFind.Left = 206
cmdFind.Width = 50
cmdFind.Picture =
(HOME()+"WIZARDS\WIZBMPS\WZLOCATE.BMP")
cmdFind.Caption = ""
cmdFind.ToolTipText = "Procura"
cmdFind.Name = "cmdFind"
cmdPrint.Top = 0
cmdPrint.Left = 255
cmdPrint.Width = 50
cmdPrint.Picture =
(HOME()+"WIZARDS\WIZBMPS\WZPRINT.BMP")
cmdPrint.Caption = ""
cmdPrint.ToolTipText = "Imprime"
cmdPrint.Name = "cmdPrint"
cmdExit.Top = 0
cmdExit.Left = 471
cmdExit.Width = 50
cmdExit.Picture =
(HOME()+"WIZARDS\WIZBMPS\WZCLOSE.BMP")
cmdExit.Caption = ""
cmdExit.ToolTipText = "Sai"
cmdExit.Name = "cmdExit"
cmdAdd.Top = 0
cmdAdd.Left = 314
cmdAdd.Width = 50
cmdAdd.Picture =
(HOME()+"WIZARDS\WIZBMPS\WZNEW.BMP")
cmdAdd.Caption = ""
cmdAdd.ToolTipText = "Novo / Salva"
cmdAdd.Name = "cmdAdd"
cmdDelete.Top = 0
cmdDelete.Left = 412
cmdDelete.Width = 50
cmdDelete.Picture =
(HOME()+"WIZARDS\WIZBMPS\WZDELETE.BMP")
cmdDelete.Caption = ""
cmdDelete.ToolTipText = "Deleta"
cmdDelete.Name = "cmdDelete"
cmdEdit.Top = 0
cmdEdit.Left = 363
cmdEdit.Width = 50
cmdEdit.Picture =
(HOME()+"WIZARDS\WIZBMPS\WZEDIT.BMP")

```

```

cmdEdit.Caption = ""
cmdEdit.ToolTipText = "Edita / Desfaz"
cmdEdit.Name = "cmdEdit"
procedure SetCaption
IF !this.editmode
this.cmdAdd.Picture =
this.wizbmppath+"wznew.bmp"
this.cmdEdit.Picture =
this.wizbmppath+"wzedit.bmp"
this.cmdAdd.DownPicture =
this.wizbmppath+"wznew.bmp"
this.cmdEdit.DownPicture =
this.wizbmppath+"wzedit.bmp"
ELSE
this.cmdAdd.Picture =
this.wizbmppath+"wzsave.bmp"
this.cmdEdit.Picture =
this.wizbmppath+"wzundo.bmp"
this.cmdAdd.DownPicture =
this.wizbmppath+"wzsave.bmp"
this.cmdEdit.DownPicture =
this.wizbmppath+"wzundo.bmp"
ENDIF
ENDPROC
procedure Init

TxtBtns::Init()
Thisform.ShowTips = .T.

ENDPROC
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Width = 368
Height = 27
Name = "navega"
cmdPrev.Top = 0
cmdPrev.Left = 49
cmdPrev.Height = 24
cmdPrev.Width = 50
cmdPrev.Name = "cmdPrev"
cmdNext.Top = 0
cmdNext.Left = 98
cmdNext.Height = 24
cmdNext.Width = 50
cmdNext.Name = "cmdNext"
cmdTop.Top = 0
cmdTop.Left = 0
cmdTop.Height = 24
cmdTop.Width = 50
cmdTop.Name = "cmdTop"
cmdEnd.Top = 0
cmdEnd.Left = 147
cmdEnd.Height = 24
cmdEnd.Width = 50
cmdEnd.Name = "cmdEnd"
cmdFind.Top = 0
cmdFind.Left = 206
cmdFind.Height = 24
cmdFind.Width = 50
cmdFind.Name = "cmdFind"
cmdPrint.Top = 0
cmdPrint.Left = 255
cmdPrint.Height = 24
cmdPrint.Width = 50
cmdPrint.Name = "cmdPrint"
cmdExit.Top = 0
cmdExit.Left = 312
cmdExit.Height = 24
cmdExit.Width = 50
cmdExit.Name = "cmdExit"
cmdAdd.Top = 0
cmdAdd.Left = 314
cmdAdd.Height = 24
cmdAdd.Width = 0
cmdAdd.Enabled = .f.
cmdAdd.Visible = .f.
cmdAdd.Name = "cmdAdd"

```

```

cmdDelete.Top = 0
cmdDelete.Left = 385
cmdDelete.Height = 24
cmdDelete.Width = 0
cmdDelete.Enabled = .f.
cmdDelete.Visible = .f.
cmdDelete.Name = "cmdDelete"
cmdEdit.Top = 0
cmdEdit.Left = 363
cmdEdit.Height = 24
cmdEdit.Width = 0
cmdEdit.Enabled = .f.
cmdEdit.Visible = .f.
cmdEdit.Name = "cmdEdit"
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Width = 553
Height = 25
BackStyle = 0
BorderWidth = 0
Visible = .T.
TabIndex = 1
nworkarea = 0
editmode = 0
previewmode = .f.
topfile = 0
endfile = 0
oldrefresh = 0
oldrec = 0
oldreprocess = 0
previewinit = .T.
usedataenv = .T.
viewkey = ("")
Name = "txtbtns"
procedure buttonrefresh
* This is a generic routine which refreshes
the buttons
* for appropriate table environments.
IF SELECT()# this.nworkarea
SELECT (this.nworkarea)
ENDIF

this.SetAllProp()
this.cmdFind.Enabled = !this.editmode
this.cmdPrint.Enabled = !this.editmode
this.cmdExit.Enabled = !this.editmode
this.cmdDelete.Enabled = !this.editmode
and !ISREADONLY()
this.SetCaption()
ENDPROC
procedure initvars

#DEFINE C_NOUPDATEVIEW_LOC
"Edits to one or more of the Views may not
be permanent. "+;
"To remedy this, ensure the View's Send
SQL Updates checkbox is checked in the
View Designer."
#DEFINE C_READONLY_LOC "The
table is Read-Only. You will not be able to
edit it."

LOCAL
aTablesUsed,nTablesUsed,i,aMems,nTotMe
m,cWizFile,IShowedMess
DIMENSION aTablesUsed[1]
DIMENSION aMems[1]

* This routine sets the member variables
this.viewkey = ""
this.ParentKey = ""
this.ViewType = 3
this.GridAlias = ""
this.topfile = .f.
this.endfile = .f.
this.AddMode = .f.

```

```

this.nworkarea = SELECT()
this.oldSetDelete = set("DELETED")
set deleted on
this.oldreprocess = set("REPROCESS")
set REPROCESS to 0

* Check for data environment
this.usedataenv =
(TYPE("THISFORM.DataEnvironment") =
"O")

* These properties should not be used.
They are reserved for use by
* the Preview button of the Form Wizards.
this.previewmode =
IIF(TYPE("THIS.PreviewMode")#"L",.f.,this
.previewmode)
this.previewinit =
IIF(TYPE("THIS.PreviewInit")#"L",.T.,this.p
reviewinit)

IF this.usedataenv
nTotMem =
AMEMBERS(aMems,Thisform.Dataenviron
ment,2)
with Thisform.Dataenvironment

* Check for relation
FOR i = 1 to m.nTotMem
IF
UPPER(EVAL("."+aMems[m.i]+".BaseClass
")) = "RELATION"
this.oDataRelation =
"THISFORM.DataEnvironment."+aMems[m.
i]
EXIT
ENDIF
ENDFOR

* Check for Views
FOR i = 1 to m.nTotMem
IF
UPPER(EVAL("."+aMems[m.i]+".BaseClass
")) = "CURSOR"
with EVAL("."+aMems[m.i])
IF
CURSORGETPROP("SourceType",.Alias)#3
* Check if we need to
requery for deleted records.
* -- Note: Parameterized
views are not requeried so all
* records will be brought
over. To remedy this situation
* you can place a SET
DELETED ON command in the
* BeforeOpenTables event
of the DataEnvironment.
IF this.oldSetDelete =
"OFF" and
ATC("?",CURSORGETPROP("SQL",.Alias)
)=0
=Requery(.Alias)
ENDIF
* Check if updates are made
IF
!CURSORGETPROP("SendUpdates",.Alias)
and !m.IShowedMess
=MESSAGEBOX(C_NOUPDATEVIEW_L
OC)
IShowedMess = .T.
ENDIF
ENDIF
Endwith
ENDIF
ENDFOR

```

```

Endwith
ENDIF

this.editmode =
IIF(TYPE("THIS.EditMode")#"L",.f.,this.edit
mode)

IF ISREADONLY()
wait WINDOW C_READONLY_LOC
TIMEOUT 2
this.editmode = .f.
ENDIF

* Disable appropriate buttons
this.cmdAdd.Enabled = !ISREADONLY()
this.cmdEdit.Enabled = !ISREADONLY()
this.cmdDelete.Enabled =
!ISREADONLY()

IF this.previewmode
RETURN
ENDIF

this.GetGridRef()

IF this.usedataenv
RETURN
ENDIF

* The following code is here to support
forms not using a DataEnvironment.
this.oldSetFields = set("FIELDS")
set FIELDS off
this.oldMultiLocks =
set("MULTILOCKS")
set MULTILOCKS on
this.oldrefresh = set("REFRESH")
set Refresh to 5
IF !empty(Alias())
this.oldBuffering=CURSORGETPROP("buff
ering")
m.nTablesUsed = AUSED(aTablesUsed)
FOR i = 1 to m.nTablesUsed
IF
CURSORGETPROP('sourcetype',aTablesUse
d[m.i,1])#3 &&skip for views
=CursorSetProp("buffering",5,aTablesUsed[
m.i,1]) &&optimistic table buffering
ENDIF
ENDIF
GO Top
ENDPROC
procedure updatetrows
#DEFINE E_FAIL_LOC "Failed to
update table: "
#DEFINE E_TRIGGERFAIL_LOC
"Trigger failed."
#DEFINE E_FIELDNULL_LOC "Field
doesn't accept NULL"
#DEFINE E_FIELDRULE_LOC "Field
rule violated"
#DEFINE E_RECORDLOCK_LOC
"Record in use by another user"
#DEFINE E_ROWRULE_LOC "Row
rule violated"
#DEFINE E_UNIQUEINDEX_LOC
"Unique index violation"
#DEFINE E_DIRTYREC_LOC "Data
has been changed by another user. Overwrite
changes with your edits?"

```

```

#DEFINE E_NOFORCE_LOC "Could
not force table updates."
#DEFINE E_PROMPT_LOC "Error: "
#DEFINE MSGBOX_YES 6

LOCAL
aErrors,cErrorMessage,aTablesUsed,nTables
Used,nTotErr
LOCAL
nFld,i,nOldArea,lSuccess,lInDBC,lOverwrite
,lHadMessage

DIMENSION aTablesUsed[1]
DIMENSION aErrors[1]
m.cErrorMessage=""
m.lSuccess = .T.
m.nOldArea = SELECT()
m.nTablesUsed = AUSED(aTablesUsed)

* Can wrap everything in transaction if
using strictly DBCs

FOR i = 1 to m.nTablesUsed

SELECT (aTablesUsed[m.i,1])

m.lInDBC =
!empty(CURSORGETPROP("Database"))
m.cErrorMessage = ""
m.lOverwrite = .f.
m.lHadMessage = .f.

do CASE
CASE CURSORGETPROP("Buffering") =
1
* Skip if buffering not on
LOOP
CASE GETFLDSTATE(0) = 2
&&deleted record
* Only delete current record and force it
m.lSuccess = TableUpdate(.f.,.T.)
IF m.lSuccess &&successful update
LOOP
ENDIF
CASE !m.lInDBC and
(ATC("2",GETFLDSTATE(-1))#0 OR;
ATC("3",GETFLDSTATE(-1))#0)
* Field was edited - in Free Table
* Since free tables are not supported by
transactions,
* we must process record by record
m.nModRecord = GetNextMod(0)
do while m.nModRecord # 0 &&loop
locks all records
GO m.nModRecord
m.lSuccess = RLOCK() &&try to lock
record
IF !m.lSuccess &failed to lock
RECORD
m.cErrorMessage =
E_RECORDLOCK_LOC
UNLOCK ALL
EXIT
ENDIF
IF !m.lHadMessage &&so we don't
repeat alert
* See if record(s) modified by another
user
FOR m.nFld = 1 to FCOUNT()
IF TYPE(FIELD(m.nFld)) = "G"
&&skip for General fields
LOOP
ENDIF
IF OLDVAL(FIELD(m.nFld)) #
CURVAL(FIELD(m.nFld))
m.lHadMessage = .T.

```

```

        IF
MESSAGEBOX(E_DIRTYREC_LOC,4+48)
= MSGBOX_YES
        m.lOverwrite = .T.
    ELSE
        m.lSuccess = .f.
        UNLOCK ALL
        EXIT
    ENDIF
ENDIF
ENDFOR
ENDIF
m.nModRecord =
GetNextMod(m.nModRecord)
enddo
IF m.lSuccess &&was able to lock all
records
    m.lSuccess =
TableUpdate(.T.,m.lOverwrite)
    IF m.lSuccess &&was able to update all
records
        LOOP
        ENDIF
        UNLOCK ALL
    ENDIF
CASE m.lInDBC
    BEGIN TRANSACTION
    * Try to update all records in selected table
m.lSuccess = TableUpdate(.T.,.f.)
&&successful update
    IF m.lSuccess
        END TRANSACTION
    LOOP
    ENDIF
    ROLLBACK
ENDCASE

* Handle errors
nTotErr = AERROR(aErrors)
do CASE
CASE nTotErr = 0

CASE aErrors[1,1] = 1539    && Trigger
failed
    m.cErrorMessage =
E_TRIGGERFAIL_LOC
CASE aErrors[1,1] = 1581    && Field
doesn't accept NULL
    m.cErrorMessage = E_FIELDNULL_LOC
CASE aErrors[1,1] = 1582    && Field rule
violated
    m.cErrorMessage = E_FIELDRULE_LOC
CASE aErrors[1,1] = 1700    && Record in
use by another user
    m.cErrorMessage =
E_RECORDLOCK_LOC
CASE aErrors[1,1] = 1583    && Row rule
violated
    m.cErrorMessage = E_ROWRULE_LOC
CASE aErrors[1,1] = 1884    && Unique
index violation
    m.cErrorMessage =
E_UNIQUEINDEX_LOC
CASE aErrors[1,1] = 1585    && Record
changed by another user

    IF m.lInDBC &&handle free tables
above
        * Display conflict alert
        IF
MESSAGEBOX(E_DIRTYREC_LOC,4+48)
= MSGBOX_YES
            *Try to force update
            BEGIN TRANSACTION
            m.lSuccess = TableUpdate(.T.,.T.)
            IF m.lSuccess
                END TRANSACTION
            LOOP
            ELSE
                ROLLBACK
            ENDIF
        ENDFOR
        SELECT (m.nOldArea)
        RETURN m.lSuccess

    ENDPROC
    procedure SetCaption
        #DEFINE ADD_CAPTION_LOC
        "<Add"
        #DEFINE EDIT_CAPTION_LOC
        "<Edit"
        #DEFINE REV_CAPTION_LOC
        "<Revert"
        #DEFINE SAVE_CAPTION_LOC
        "<Save"

        IF this.editmode
            this.cmdAdd.Caption =
SAVE_CAPTION_LOC
            this.cmdEdit.Caption =
REV_CAPTION_LOC
        ELSE
            this.cmdAdd.Caption =
ADD_CAPTION_LOC
            this.cmdEdit.Caption =
EDIT_CAPTION_LOC
        ENDIF
    ENDPROC
    procedure SetAllProp
    LPARAMETER oContainer

    * Checks for General fields
    LOCAL i,oControlParent

    IF parameters() = 0
        m.oControlParent = Thisform
    ELSE
        m.oControlParent = m.oContainer
    ENDIF

    FOR i = 1 to
m.oControlParent.ControlCount
        do CASE
        CASE
        ATC("Container",m.oControlParent.Controls
[m.i].BaseClass) # 0

        OTHERWISE
            IF !empty(m.cErrorMessage) &&for free
table handling above
                m.cErrorMessage =
E_PROMPT_LOC+aErrors[1,2]
            ENDIF
        ENDCASE

        * Had an error we couldn't handle
=tablerevert(.T.) &&revert all records
m.lSuccess = .f.
        IF !empty(m.cErrorMessage)
            =MESSAGEBOX(E_FAIL_LOC+m.cError
Message)
        ENDIF
    ENDFOR

    ENDPROC
    procedure SetAllProp(m.oControlParent.Controls[m
.i])

    CASE
    ATC(m.oControlParent.Controls[m.i].BaseCl
ass,"CheckBox,TextBox,OleBoundControl")
# 0
        m.oControlParent.Controls[m.i].Enabled
= this.editmode

    CASE
    ATC(m.oControlParent.Controls[m.i].BaseCl
ass,"EditBox") # 0

        m.oControlParent.Controls[m.i].ReadOnly =
!this.editmode
        IF !this.HasMemo
            with m.oControlParent.Controls[m.i]
                this.EditForeColor = .ForeColor
                this.EditDisForeColor =
.DisabledForeColor
                this.EditBackColor = .BackColor
                this.EditDisBackColor =
.DisabledBackColor
                this.HasMemo = .T.
            Endwith
        ENDIF

        m.oControlParent.Controls[m.i].ForeColor =
IIF(this.editmode,this.EditForeColor,this.Edit
DisForeColor)

        m.oControlParent.Controls[m.i].BackColor =
IIF(this.editmode,this.EditBackColor,this.Edi
tDisBackColor)

        CASE
        ATC(m.oControlParent.Controls[m.i].BaseCl
ass,"Grid") # 0

            m.oControlParent.Controls[m.i].ReadOnly =
!this.editmode

            m.oControlParent.Controls[m.i].DeleteMark
= this.editmode

        ENDCASE
    ENDFOR

    ENDPROC
    procedure navrefresh
    **** Navigational Button Handling ****
    LOCAL
    OldLockScreen,KeyValue,cFiltExpr
    m.OldLockScreen = Thisform.LockScreen
    Thisform.LockScreen = .T.

    IF SELECT()#this.nworkarea
        SELECT (this.nworkarea)
    ENDIF

    IF !this.editmode

        * Check for bottom of file
this.endfile = EOF() OR this.endfile

        * Test to see we are on last record
        IF !this.endfile
            SKIP
            this.endfile = EOF()
            SKIP -1
        ELSE
            GO BOTTOM
        ENDIF
    ENDIF

```

```

* Check for top of file
this.topfile = BOF() OR EOF() OR
this.topfile

* Test to see if we are on first record
IF !this.topfile
  SKIP -1
  this.topfile = BOF()
  IF !this.topfile
    SKIP
  ENDIF
ENDIF

IF this.topfile
  GO Top
ENDIF

ENDIF

this.cmdTop.Enabled = !this.topfile and
!this.editmode
this.cmdPrev.Enabled = !this.topfile and
!this.editmode
this.cmdNext.Enabled = !this.endfile and
!this.editmode
this.cmdEnd.Enabled = !this.endfile and
!this.editmode

* Check if no records in query set
do CASE
CASE this.previewmode OR
ISREADONLY()
* Nothing
CASE this.editmode
this.cmdEdit.Enabled = .T.
CASE recount()=0 OR BOF() OR EOF()
this.cmdEdit.Enabled = .f.
this.cmdDelete.Enabled = .f.
CASE !this.cmdEdit.Enabled
this.cmdEdit.Enabled = .T.
this.cmdDelete.Enabled = .T.
ENDCASE

* Update Grid for Views
IF !this.editmode and !empty(this.viewkey)
  KeyValue = EVAL(this.ParentKey)
  do CASE
CASE TYPE(this.ParentKey) = "C"
  cFiltExpr = this.viewkey + "=" +
  "["+m.KeyValue+"]"
CASE TYPE(this.ParentKey) = "L"
  cFiltExpr = this.viewkey
CASE TYPE(this.ParentKey) = "D"
  cFiltExpr = this.viewkey + "=" +
  [{"+DTC(m.KeyValue)+"}"
CASE TYPE(this.ParentKey) = "T"
  cFiltExpr = this.viewkey + "=" +
  [{"+TTC(m.KeyValue)+"}"
OTHERWISE
* Numeric
  cFiltExpr = this.viewkey + "=" +
  alltrim(STR(m.KeyValue,20,18))
ENDCASE

SELECT (this.GridAlias)
do CASE
CASE .f. &&parameterized query
* set parameter here
* =requery()
CASE this.ViewType = 1 &&local views
set FILTER to &cFiltExpr
CASE this.ViewType = 2 &&remote views

ENDCASE
SELECT (this.nworkarea)

```

```

ENDIF
Thisform.Refresh()
Thisform.LockScreen = m.OldLockScreen

ENDPROC
procedure GetGridRef
* Check if we have a grid
LOCAL aMems,nTotMem,i
this.GridRef = ""
IF TYPE("THISFORM") = "O"
  DIMENSION aMems[1]
  nTotMem =
AMEMBERS(aMems,Thisform,2)
  with Thisform
    FOR i = 1 to m.nTotMem
      IF
UPPER(EVAL("."+aMems[m.i]+".BaseClass
")) = "GRID"
        this.GridRef = aMems[m.i]
        with EVAL("."+this.GridRef)
          * Check if we have a view and
get Tag property
          this.ViewType =
CURSORGETPROP('sourcetype',.RecordSou
rce)
          this.GridAlias =
.RecordSource
          IF this.ViewType # 3
            this.viewkey = .tag
            this.ParentKey = .Comment
          ENDIF
        Endwith
      EXIT
    ENDIF
  ENDFOR
  Endwith
ENDIF

ENDPROC
procedure Destroy
* Restore various settings
LOCAL
nTablesUsed,aTablesUsed,i,nDECursors,aDE
Cursors
DIMENSION aTablesUsed[1]

IF TYPE("THIS.Parent") # "O"
  RETURN
ENDIF

IF TYPE("THIS.oldTalk") = "C" and
this.oldTalk="ON"
  set talk on
ENDIF

* OLE Servers can still send data back to
General fields
* even though they are not in Edit Mode.
We need to reset
* buffering to 1 so the buffer is not updated
by the OLE Server.
* Also, folks might exit out while editing.
IF this.usedataenv
  DIMENSION aDECursors[1]
  nDECursors =
AMEMBERS(aDECursors,Thisform.Dataenv
ironment,2)
  FOR i = 1 to m.nDECursors
    with
EVAL("THISFORM.DataEnvironment." +
aDECursors[m.i])
      IF used(.Alias) and
ATC("CURSOR",.BaseClass)#0 and ;

```

```

CURSORGETPROP("sourcetype",.Alias)=3
and ;
CURSORGETPROP("buffering",.Alias)>1
=tablerevert(.T.,Alias)
=CursorSetProp("buffering",1,.Alias)
&&optimistic table buffering
  ENDIF
  Endwith
  ENDFOR
ENDIF

* Skip if using preview mode
IF this.previewmode
  RETURN
ENDIF

IF this.oldSetDelete = "OFF"
  set deleted off
ENDIF
set REPROCESS to this.oldreprocess
set MESSAGE to
SELECT (this.nworkarea)

IF this.usedataenv
  RETURN
ENDIF

* The following code is here to support
* forms not using a DataEnvironment.

FOR i = 1 to m.nTablesUsed
  IF used(aTablesUsed[m.i,1]) and
ATC(".TMP",dbf(aTablesUsed[m.i,1]))=0
&&skip for views

=CursorSetProp("buffering",this.oldBufferin
g,aTablesUsed[m.i,1]) &&optimistic table
buffering
  ENDIF
ENDFOR

IF this.oldMultiLocks = "OFF"
  set MULTILOCKS off
ENDIF

IF this.oldSetFields = "ON"
  set FIELDS on
ENDIF

set Refresh to this.oldrefresh

ENDPROC
procedure Error
parameters nError, cMethod, nLine
LOCAL aFoxErr,nTotErr
DIMENSION aFoxErr[1]
nTotErr = AERROR(aFoxErr)

do CASE
CASE INLIST(m.nError,1733,1734)
&&property not found -- traps SETALL()
  RETURN
CASE m.nError=1938 &&no parent
  RETURN
CASE nTotErr>0 and aFoxErr[1,1] = 1420
* Corrupt Ole object in General field.
=MESSAGEBOX(aFoxErr[1,2])
  RETURN
ENDCASE

**** Error Dialog ****

```

```

=MESSAGEBOX(MESSAGE(1)+CHR(13)+
;
"Error: "+STR(nError)+CHR(13)+;
MESSAGE()+CHR(13)+;
"Method: "+cMethod+CHR(13)+;
"Line: "+STR(nLine)

RETURN to MASTER

ENDPROC
procedure Init
#DEFINE C_WIZSTYLE
"WIZSTYLE.VCX"
#DEFINE C_WIZDIR "WIZARDS\"
#DEFINE C_PROMPT1_LOC "Find: "
#DEFINE E_NOSTYLE_LOC "The
class library (WIZSTYLE.VCX) needed by
this form could not be found. "+;
"Please locate."

LOCAL
cGridRef,cWizHomePath,separator,cWizStyF
ile

IF TYPE("THIS.Parent") # "O"
RETURN
ENDIF

IF set("TALK") = "ON"
set talk off
this.oldTalk = "ON"
ELSE
this.oldTalk = "OFF"
ENDIF

IF
ATC(C_WIZSTYLE,set("CLASSLIB")) = 0

* Returns just the pathname
cWizHomePath = _WIZARD
IF '\ $ cWizHomePath
cWizHomePath =
SUBSTR(m.cWizHomePath,1,RAT('\,m.cWiz
zHomePath))
IF RIGHT(m.cWizHomePath,1) = '\'
and LEN(m.cWizHomePath) > 1 ;
and
SUBSTR(m.cWizHomePath,LEN(m.cWizHo
mePath)-1,1) <> ':'
cWizHomePath =
SUBSTR(m.cWizHomePath,1,LEN(m.cWiz
HomePath)-1)
ENDIF
ELSE
cWizHomePath = "
ENDIF

* Add a backslash unless there is one
already there.
separator = IIF(_MAC,":","\\")
IF !(RIGHT(m.cWizHomePath,1) $ '\:')
and !empty(m.cWizHomePath)
m.cWizHomePath=
m.cWizHomePath+ m.separator
ENDIF

do CASE
CASE file(C_WIZSTYLE)
cWizFile = C_WIZSTYLE
CASE
file(m.cWizHomePath+C_WIZSTYLE)
cWizFile =
m.cWizHomePath+C_WIZSTYLE

```

```

CASE
file(m.cWizHomePath+C_WIZDIR+C_WIZ
STYLE)
cWizFile =
m.cWizHomePath+C_WIZDIR+C_WIZSTY
LE
CASE file(HOME()+C_WIZSTYLE)
cWizFile = HOME()+C_WIZSTYLE
CASE
file(HOME()+C_WIZDIR+C_WIZSTYLE)
cWizFile =
HOME()+C_WIZDIR+C_WIZSTYLE
OTHERWISE
=MESSAGEBOX(E_NOSTYLE_LOC)
cWizFile =
GETFILE("VCX",C_PROMPT1_LOC+C_W
IZSTYLE)
ENDCASE

IF ATC(C_WIZSTYLE,m.cWizFile)#0
set class to (m.cWizFile) ADDITIVE
ELSE
* Failed to get WIZSTYLE.VCX file
RETURN .f.
ENDIF

ENDIF

this.initvars()
this.buttonrefresh()
this.navrefresh()
cGridRef=this.GridRef
IF !empty(m.cGridRef)
* Change this if you desire to have the grid
initially selected.
* THISFORM.&cGridRef..SetFocus()
ENDIF
ENDPROC
procedure Refresh
**** Special Preview Mode Handling
****
IF this.previewmode and this.previewinit
this.previewinit = .f.
this.cmdAdd.Enabled = .f.
this.cmdEdit.Enabled = .f.
this.cmdDelete.Enabled = .f.
this.cmdFind.Enabled = .f.
this.cmdPrint.Enabled = .f.
this.cmdExit.Enabled = .f.
this.nworkarea = SELECT()
this.GetGridRef()
this.SetAllProp()
this.navrefresh()
ENDIF

ENDPROC
Top = 0
Left = 54
Height = 24
Width = 55
FontName = "MS Sans Serif"
FontSize = 8
Caption = "<Prev"
StatusBarText = "Skip to previous record"
TabIndex = 2
ToolTipText = ""
Name = "cmdPrev"
procedure Click
SELECT (this.Parent.nworkarea)
IF !BOF()
SKIP -1
ENDIF

this.Parent.topfile = BOF()
this.Parent.endfile = EOF()

```

```

this.Parent.navrefresh()
ENDPROC
Top = 0
Left = 108
Height = 24
Width = 55
FontName = "MS Sans Serif"
FontSize = 8
Caption = "<Next"
StatusBarText = "Skip to next record"
TabIndex = 3
ToolTipText = ""
Name = "cmdNext"
procedure Click
SELECT (this.Parent.nworkarea)
IF !EOF()
SKIP 1
ENDIF

this.Parent.endfile = EOF()
this.Parent.topfile = BOF()

this.Parent.navrefresh()

ENDPROC
Top = 0
Left = 0
Height = 24
Width = 55
FontName = "MS Sans Serif"
FontSize = 8
Caption = "<Top"
StatusBarText = "Go to top of table"
TabIndex = 1
ToolTipText = ""
Name = "cmdTop"
procedure Click
SELECT (this.Parent.nworkarea)
LOCATE
this.Parent.topfile = .T.
this.Parent.endfile = EOF()
this.Parent.navrefresh()

ENDPROC
Top = 0
Left = 162
Height = 24
Width = 55
FontName = "MS Sans Serif"
FontSize = 8
Caption = "<Bottom"
StatusBarText = "Go to bottom of table"
TabIndex = 4
ToolTipText = ""
Name = "cmdEnd"
procedure Click
SELECT (this.Parent.nworkarea)
GO BOTTOM
this.Parent.topfile = .f.
this.Parent.endfile = .T.
this.Parent.navrefresh()

ENDPROC
Top = 0
Left = 226
Height = 24
Width = 49
FontName = "MS Sans Serif"
FontSize = 8
Caption = "<Find"
Enabled = .T.
StatusBarText = "Search for records"
TabIndex = 5
ToolTipText = ""
Name = "cmdFind"
procedure Click
LOCAL oSearchDlg

```

```

oSearchDlg = CREATE("searchform")
oSearchDlg.Show()

* Reset from prior
this.Parent.topfile = .f.
this.Parent.endfile = .f.
this.Parent.navrefresh()
ENDPROC
Top = 0
Left = 274
Height = 24
Width = 49
FontName = "MS Sans Serif"
FontSize = 8
Caption = "P\<rint"
Enabled = .T.
StatusBarText = "Print to report"
TabIndex = 6
ToolTipText = ""
Name = "cmdPrint"
procedure Click
#DEFINE C_MAKEREPO_LOC
"Could not locate a report to print. Create
new one?"
#DEFINE C_NOOPEN_LOC "Error
opening table. Unable to print report."
#DEFINE C_GETFILEPROMPT_LOC
"Select a report to print:"

LOCAL
cRepName,nSaveSess,cSaveAlias,cSaveSour
ce,cSaveData

cSaveAlias = Alias()
cSaveSource =
CURSORGETPROP("SourceName")
cSaveData =
CURSORGETPROP("Database")
cDiffSource = ""
cRepName = Left(Alias(),8)+".FRX"
nSaveSess = set("DATASESSION")

#IF 0
* Handling for Private data sessions
IF m.nSaveSess # 1
set DataSession to 1
SELECT 0
IF !empty(m.cSaveData)
OPEN Database (m.cSaveData)
ENDIF
IF used(m.cSaveAlias)
SELECT (m.cSaveAlias)
IF
CURSORGETPROP("SourceName")#m.cSa
veSource
cDiffSource =
CURSORGETPROP("SourceName")
use IN (m.cSaveAlias)
SELECT 0
ENDIF
ENDIF
IF empty(Alias())
use (m.cSaveSource) AGAIN Alias
(m.cSaveAlias) shared
IF empty(Alias())
=MESSAGEBOX(C_NOOPEN_LOC)
RETURN
ENDIF
ENDIF
ENDIF
#ENDIF

IF file(m.cRepName)
REPORT form (m.cRepName) preview
NOWAIT

```

```

ELSE
m.cRepName =
GETFILE("frx",C_GETFILEPROMPT_LOC
, "",1)
IF !empty(m.cRepName)
IF file(m.cRepName)
* User pressed Open button
REPORT form (m.cRepName)
preview NOWAIT
ELSE
* User pressed New button
do (_WIZARD) with
"AUTOREPORT"
ENDIF
ENDIF
ENDIF

#IF 0
IF !empty(cDiffSource)
use (m.cDiffSource) IN 0
ENDIF

set DataSession to m.nSaveSess
SELECT (m.cSaveAlias)
#ENDIF
ENDPROC
Top = 0
Left = 499
Height = 24
Width = 53
FontName = "MS Sans Serif"
FontSize = 8
Caption = "E\<xit"
Enabled = .T.
StatusBarText = "Exit input form"
TabIndex = 10
ToolTipText = ""
Name = "cmdExit"
procedure Click
Thisform.release

ENDPROC
Top = 0
Left = 333
Height = 24
Width = 53
FontName = "MS Sans Serif"
FontSize = 8
Caption = "<Add"
Enabled = .T.
StatusBarText = "Add new record / Save
edits"
TabIndex = 7
ToolTipText = ""
Name = "cmdAdd"
procedure Click
#DEFINE OPT_CANCEL 0
#DEFINE OPT_ADD_PARENT 1
#DEFINE OPT_ADD_CHILD 2
#DEFINE OPT_ADD_BOTH 3
#DEFINE MB_Q_YESNO 36
#DEFINE MB_A_YES 6
#DEFINE C_KEYFLDNOUPDATE_LOC
"The field relating the grid's view to the
parent data source is not updatable. "+;
"Do you just want to add a new record to
the parent table?"
#DEFINE C_BADCHILDKEY_LOC
"The fields relating the parent and child
tables are not the same data type. "+;
"Do you just want to add a new record to
the parent table?"
#DEFINE C_NOCHILDUPDATE_LOC
"The child data source is a view and does not
send updates. "+;

```

```

"Do you just want to add a new record to
the parent table?"
#DEFINE C_NOOBJ_LOC "Failed
create the Add Record form class. Check or
reinstall your WIZSTYLE.VCX file."
#DEFINE C_NOUPDATE_LOC "You
cannot add a new record because the view(s)
selected does not send updates."
#DEFINE C_NOUPDATE2_LOC "You
cannot add a new record because the view(s)
selected does not send updates and the child
data source has a primary key."

LOCAL
oSearchDlg,oAddRec,cChildAlias,cPapaAli
as,i,lPrimeKey
LOCAL
cPapaKey,cChildKey,nSaveSess,oRel,ctagna
me,lBadViewKey
LOCAL
lBadChildKey,lUpdatableParentKey,lNoSend
ParentUpdates,lNoSendChildUpdates

do CASE
CASE this.Parent.editmode

** Code for saving record
this.Parent.updaterows()

CASE empty(this.Parent.GridRef) && not
using Grid object

** Code for adding record
this.Parent.OldAlias = Alias() &&save
alias in case reverting
this.Parent.oldrec = RECNO() &&save
record in case reverting
IF CURSORGETPROP("SourceType")#3
and !CURSORGETPROP("SendUpdates")
=MESSAGEBOX(C_NOUPDATE_LOC)
RETURN
ENDIF
APPEND BLANK

OTHERWISE

** Code for adding record
this.Parent.OldAlias = Alias() &&save
alias in case reverting
this.Parent.oldrec = RECNO() &&save
record in case reverting
lPrimeKey = .f. &&is child key
primary index

IF !empty(this.Parent.oDataRelation)
oRel =
EVAL(this.Parent.oDataRelation)
ENDIF

do CASE
CASE TYPE("m.oRel") = "O" &&data
environment
with oRel
cPapaAlias = .ParentAlias
cPapaKey = .RelationalExpr
cChildAlias = .ChildAlias
cChildKey = .ChildOrder
Endwith
oRel = .NULL. &&reset
CASE !empty(this.Parent.viewkey) &&using
views
cPapaAlias = Alias()
cPapaKey = this.Parent.ParentKey
cChildAlias = this.Parent.GridAlias
cChildKey = this.Parent.viewkey

```



```

* Need to check if Key field is updatable
IF
CURSORGETPROP("SourceType",m.cChild
Alias)#3 and;

ATC(", "+m.cChildKey+",", "+CURSORGE
TPROP("UpdatableFieldList",m.cChildAlias)
+",")=0
    IBadViewKey = .T.
ENDIF
OTHERWISE
    cPapaAlias = Alias()
    cPapaKey = RELATION(1)
    cChildAlias = this.Parent.GridAlias
    cChildKey = Order(m.cChildAlias)
ENDCASE

* Test to see if both keys are of the same data
type
SELECT (this.Parent.GridAlias)
cGridKeyType = ""

IF empty(this.Parent.viewkey) and
!empty(m.cChildKey) &&regular table used
    * Get the Child Key field since only index
tag is here
    * if these is an expression, then default to
blank.
    ctaname = ""
    FOR i = 1 to TagCount("")
        IF UPPER(tag(m.i)) ==
UPPER(m.cChildKey)
            ctaname = KEY(m.i)
            IPrimeKey = PRIMARY(m.i)
        EXIT
    ENDF
    ENDFOR

    * Check if we have an index expression
here.
    IF ATC("(",m.ctaname)#0 OR
ATC("+",m.ctaname)#0
        cChildKey = ""
    ELSE
        cChildKey = m.ctaname
        cGridKeyType = TYPE(m.cChildKey)
    ENDF
ENDIF

IF
CURSORGETPROP("SourceType",m.cPapa
Alias)#3 and
!CURSORGETPROP("SendUpdates",m.cPap
aAlias)
    INoSendParentUpdates = .T.
ENDIF
IF
CURSORGETPROP("SourceType",m.cChild
Alias)#3 and
!CURSORGETPROP("SendUpdates",m.cChi
ldAlias)
    INoSendChildUpdates = .T.
ENDIF

* Check if have two views and both do not
send updates
IF m.lNoSendParentUpdates and
m.lNoSendChildUpdates
    =MESSAGEBOX(C_NOUPDATE_LOC)
    RETURN
ENDIF

SELECT (this.Parent.OldAlias )
IF !empty(m.cGridKeyType) and
m.cGridKeyType # TYPE(m.cPapaKey)
    IBadChildKey = .T.
ENDIF
do CASE
CASE m.lNoSendParentUpdates and
(m.lBadViewKey OR m.lBadChildKey)
    =MESSAGEBOX(C_NOUPDATE_LOC)
    RETURN
CASE m.lPrimeKey and
m.lNoSendParentUpdates
    =MESSAGEBOX(C_NOUPDATE2_LOC)
    RETURN
CASE m.lNoSendChildUpdates &&child
view does not send updates
    IF
MESSAGEBOX(C_NOCHILDUPDATE_L
OC,MB_Q_YESNO) # MB_A_YES
        RETURN
    ENDF
    APPEND BLANK
CASE m.lBadViewKey &&view key in not
updatable
    IF
MESSAGEBOX(C_KEYFLDNOUPDATE_
LOC,MB_Q_YESNO) # MB_A_YES
        RETURN
    ENDF
    APPEND BLANK
CASE m.lBadChildKey &&bad child key --
different data type from parent
    IF
MESSAGEBOX(C_BADCHILDKEY_LOC,
MB_Q_YESNO) # MB_A_YES
        RETURN
    ENDF
    APPEND BLANK
OTHERWISE
    * Need to check if Key field is updatable
    IUpdatableParentKey = .T.
    IF
CURSORGETPROP("SourceType",m.cPapa
Alias)#3 and;

ATC(", "+m.cPapaKey+",", "+CURSORGET
PROP("UpdatableFieldList",m.cPapaAlias)+
",")=0
        * cPapaKey = ""
        IUpdatableParentKey = .f.
    ENDF

    * Check for expression in cPapaKey if so,
then do not update record with keyvalue
    IF ATC("(",m.cPapaKey)#0 OR
ATC("+",m.cPapaKey)#0
        cPapaKey = ""
    ENDF

    nSaveSess = set("DATASESSION")
    oAddRec = CREATE("GridAddRec")
    IF TYPE("m.oAddRec") # "O"
        =MESSAGEBOX(C_NOOBJ_LOC)
        RETURN
    ENDF
    oAddRec.ChildPrimaryKey =
m.lPrimeKey
    oAddRec.UpdatableParentKey =
m.lUpdatableParentKey
    oAddRec.NoSendUpdates =
m.lNoSendParentUpdates
    oAddRec.KeyField = m.cPapaKey
    oAddRec.KeyValue =
IIF(!empty(m.cPapaKey),EVAL(m.cPapaKey
), "")
    oAddRec.runaddform()
    IF oAddRec.AddOption = OPT_CANCEL
        RETURN
    ENDF
    set DataSession to nSaveSess
    SELECT (this.Parent.OldAlias)

    IF TYPE("oAddRec.KeyValue") = "C"
        oAddRec.KeyValue =
TRIM(oAddRec.KeyValue)
    ENDF

    * Add record to parent table
    IF
INLIST(oAddRec.AddOption,OPT_ADD_P
ARENT,OPT_ADD_BOTH)
        IF empty(m.cPapaKey)
            APPEND BLANK IN (m.cPapaAlias)
        ELSE
            INSERT INTO (m.cPapaAlias)
((oAddRec.KeyField))
VALUES(oAddRec.KeyValue)
        ENDF
    ENDF

    * Add child record
    IF
INLIST(oAddRec.AddOption,OPT_ADD_C
HILD,OPT_ADD_BOTH)
        * Need to check
        IF empty(m.cChildKey) OR
TYPE(m.cChildKey)#TYPE(oAddRec.KeyV
alue')
            APPEND BLANK IN
(m.cChildAlias)
        ELSE
            INSERT INTO (m.cChildAlias)
((m.cChildKey))
VALUES(oAddRec.KeyValue)
        ENDF
    ENDF
ENDCASE
ENDCASE

this.Parent.editmode = !this.Parent.editmode
this.Parent.AddMode = this.Parent.editmode
this.Parent.topfile = .f.
Thisform.LockScreen = .T.
this.Parent.buttonrefresh()
this.Parent.navrefresh()
Thisform.LockScreen = .f.
ENDPROC
Top = 0
Left = 437
Height = 24
Width = 53
FontName = "MS Sans Serif"
FontSize = 8
Caption = "<Delete"
Enabled = .T.
StatusBarText = "Delete existing record"
TabIndex = 9
ToolTipText = ""
Name = "cmdDelete"
procedure Click
    #DEFINE MSGBOX_YES 6
    #DEFINE C_MSGBOX1 36
    #DEFINE C_DELETE_LOC "Você quer
mesmo apagar este registro?"
    #DEFINE C_NOLOCK_LOC "Registro
não pode ser apagado porque algum usuário o
esta acessando."

    * Note: Cascading deletes should be
handled via RI triggers in DBC!

```

```

IF
MESSAGEBOX(C_DELETE_LOC,C_MSG
BOX1) = MSGBOX_YES
DELETE
IF this.Parent.updaterows() &&success
* Success
IF !EOF()
SKIP 1
ENDIF
IF EOF() and !BOF()
SKIP -1
ENDIF
ENDIF
Thisform.LockScreen = .T.
this.Parent.buttonrefresh()
this.Parent.navrefresh()
Thisform.LockScreen = .f.
ENDIF
ENDPROC
Top = 0
Left = 385
Height = 24
Width = 53
FontName = "MS Sans Serif"
FontSize = 8
Caption = "<Edit"
Enabled = .T.
StatusBarText = "Edit existing record /
Revert edits"
TabIndex = 8
ToolTipText = ""
Name = "cmdEdit"
procedure Click
#DEFINE C_NOUPDATE_LOC "You
cannot edit because the view(s) selected does
not send updates."

LOCAL
INoSendParentUpdates,INoSendChildUpdate
s
LOCAL aTablesUsed,nTablesUsed,i

** Reverting record
IF this.Parent.editmode

IF this.Parent.usedataenv
SELECT (this.Parent.OldAlias)
=tablerevert(.T.)
IF !empty(this.Parent.GridAlias)
SELECT (this.Parent.GridAlias)
=tablerevert(.T.)
ENDIF
ELSE
DIMENSION aTablesUsed[1]
m.nTablesUsed =
AUSED(aTablesUsed)
FOR i = 1 to m.nTablesUsed
=tablerevert(.T.,aTablesUsed[m,i,1])
ENDFOR
ENDIF

* Go back to original place
SELECT (this.Parent.OldAlias)
IF reccount() < this.Parent.oldrec
&&added record at EOF()
GO Top
ELSE
GO this.Parent.oldrec
ENDIF
ELSE

* Check to see if view allows updates
IF
CURSORGETPROP("SourceType")#3 and
!CURSORGETPROP("SendUpdates")

```

```

INoSendParentUpdates = .T.
ENDIF
IF !empty(this.Parent.GridAlias) and ;
CURSORGETPROP("SourceType",this.Pare
nt.GridAlias)#3 and ;
!CURSORGETPROP("SendUpdates",this.Pa
rent.GridAlias)
INoSendChildUpdates= .T.
ENDIF

IF (m.INoSendChildUpdates and
m.INoSendParentUpdates) OR;
(empty(this.Parent.GridAlias) and
m.INoSendParentUpdates)
=MESSAGEBOX(C_NOUPDATE_LOC)
RETURN
ENDIF

this.Parent.OldAlias = Alias() &&save
alias in case reverting
this.Parent.oldrec = RECNO() &&save
record in case reverting
ENDIF

** Editing record
this.Parent.editmode =
!this.Parent.editmode
this.Parent.AddMode = .f.
Thisform.LockScreen = .T.
this.Parent.buttonrefresh()
this.Parent.navrefresh()
Thisform.LockScreen = .f.
ENDPROC
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
ScaleMode = 3
Height = 200
Width = 401
DoCreate = .T.
AutoCenter = .T.
BackColor = 192,192,192
Caption = "Add Record"
WindowType = 1
LockScreen = .f.
Name = "gridaddform"
procedure Init
LPARAMETERS
cFldKey,cKeyValue,nBtnAction,nAddAction
,lChildPrimaryKey,lUpdatableParentKey,lNo
SendUpdates

IF parameters() # 7
RETURN .f.
ENDIF

this.CommandGroup1.Value = 0
this.Label3.Caption = m.cFldKey
this.cKeyValue = m.cKeyValue
this.Optiongroup1.Value=2
do CASE
CASE m.INoSendUpdates
* Send Parent Updates
this.Optiongroup1.Option1.Enabled = .f.
this.Optiongroup1.Option3.Enabled = .f.
CASE !m.lUpdatableParentKey
* Updatable parent key
this.Optiongroup1.Option3.Enabled = .f.
ENDCASE

* Has a primary key
IF m.lChildPrimaryKey
this.Optiongroup1.Option2.Enabled = .f.
ENDIF

```

```

do CASE
CASE TYPE("THIS.cKeyValue") = "C"
this.Text1.Value = ""
CASE
ATC(TYPE("THIS.cKeyValue"),"NYIBF") #
0
this.Text1.Value = 0
CASE ATC(TYPE("THIS.cKeyValue"),"DT")
# 0
this.Text1.Value = {}
CASE TYPE("THIS.cKeyValue") = "L"
this.Text1.Value = .T.
ENDCASE

ENDPROC
AutoSize = .T.
ButtonCount = 3
BackStyle = 0
BorderStyle = 0
Value = 2
ControlSource = "nAddAction"
Height = 68
Left = 36
SpecialEffect = 0
Top = 48
Width = 191
TabIndex = 1
Visible = .f.
Name = "Optiongroup1"
Option1.BackStyle = 0
Option1.Caption = "Add record to parent
only"
Option1.Value = 0
Option1.Enabled = .f.
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Visible = .f.
Option1.Width = 181
Option1.AutoSize = .f.
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Adiciona linha"
Option2.Value = 1
Option2.Enabled = .f.
Option2.Height = 18
Option2.Left = 5
Option2.Top = 25
Option2.Visible = .f.
Option2.Width = 181
Option2.AutoSize = .f.
Option2.Name = "Option2"
Option3.BackStyle = 0
Option3.Caption = "Add record to both"
Option3.Value = 0
Option3.Enabled = .f.
Option3.Height = 18
Option3.Left = 5
Option3.Top = 45
Option3.Visible = .f.
Option3.Width = 181
Option3.AutoSize = .f.
Option3.Name = "Option3"
procedure InteractiveChange
do CASE
CASE this.Value = 2
Thisform.Text1.Value =
Thisform.cKeyValue
CASE TYPE("THISFORM.cKeyValue") =
"C"
Thisform.Text1.Value = ""
CASE
ATC(TYPE("THISFORM.cKeyValue"),"NYI
BF") # 0
Thisform.Text1.Value = 0

```

```

CASE
ATC(TYPE("THISFORM.cKeyValue"),"DT")
# 0
  Thisform.Text1.Value = {}
CASE TYPE("THISFORM.cKeyValue") =
"L"
  Thisform.Text1.Value = .T.
ENDCASE

Thisform.Text1.ReadOnly = (this.Value = 2)

ENDPROC
AutoSize = .T.
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1.00
ControlSource = "nBtnAction"
Height = 39
Left = 132
Top = 122
Width = 163
Name = "Commandgroup1"
Command1.Top = 5
Command1.Left = 5
Command1.Height = 29
Command1.Width = 70
Command1.Caption = "OK"
Command1.TabIndex = 1
Command1.Name = "Command1"
Command2.Top = 5
Command2.Left = 88
Command2.Height = 29
Command2.Width = 70
Command2.Caption = "Cancela"
Command2.TabIndex = 2
Command2.Name = "Command2"
procedure Click
  cKeyValue = this.Parent.Text1.Value
  nAddAction =
this.Parent.Optiongroup1.Value
  nBtnAction = this.Value
  Thisform.release()
ENDPROC
Alignment = 0
Height = 24
Left = 336
TabIndex = 3
Top = 108
Visible = .f.
Width = 37
Name = "Text1"
AutoSize = .T.
BackStyle = 0
Caption = "Key value:"
Height = 18
Left = 48
Top = 134
Visible = .f.
Width = 67
Name = "Label1"
AutoSize = .T.
BackStyle = 0
Caption = "A. Select option for adding
records:"
Height = 18
Left = 24
Top = 24
Visible = .f.
Width = 225
Name = "Label2"
FontItalic = .T.
BackStyle = 0
Caption = "Label3"
Height = 16
Left = 107
Top = 178
Visible = .f.
Width = 145
Name = "Label3"
AutoSize = .T.
BackStyle = 0
Caption = "Key field:"
Height = 18
Left = 48
Top = 122
Visible = .f.
Width = 60
Name = "Label4"
AutoSize = .T.
BackStyle = 0
Caption = "B: Enter key value linking parent
and child records:"
Height = 18
Left = 24
Top = 157
Visible = .f.
Width = 325
Name = "Label5"
AutoSize = .T.
FontSize = 12
BackStyle = 0
Caption = "Confirma inclusão de novo
registro ?"
Height = 22
Left = 48
Top = 48
Width = 282
Name = "Label6"
Arial, 1, 10, 6, 16, 13, 14, 3, 0
Arial, 3, 10, 6, 16, 13, 15, 3, 0
Arial, 1, 12, 8, 20, 15, 17, 4, 1
ScaleMode = 3
Height = 216
Width = 477
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
BorderStyle = 3
Caption = "Procura"
icon = ..\dner02.ico
WindowType = 1
Name = "searchform"
procedure Destroy
  LOCAL cFilterExpr
  IF this.ChangedFilter
    IF empty(this.SaveFilter)
      set FILTER to
    ELSE
      m.cFilterExpr = this.SaveFilter
      set FILTER to &cFilterExpr
    ENDIF
    GO this.SaveRecord
  ENDIF
ENDPROC
procedure Init
  IF !empty(Alias())
    this.SaveRecord = RECNO()
    this.SaveFilter = set("FILTER")
    this.ChangedFilter = .f.
  ENDIF
ENDPROC
Top = 3
Left = 12
Width = 452
Height = 160
BackStyle = 0
BorderWidth = 0
TabIndex = 1
Name = "Searchclass1"
cboFields1.TabIndex = 1
cboFields1.Name = "cbofields1"
cboOperators1.TabIndex = 2
cboOperators1.Name = "cbooperators1"
txtExpr1.TabIndex = 3
txtExpr1.Name = "txtexpr1"
cboFields2.TabIndex = 4
cboFields2.Name = "cbofields2"
cboOperators2.TabIndex = 5
cboOperators2.Name = "cbooperators2"
txtExpr2.TabIndex = 6
txtExpr2.Name = "txtexpr2"
optGrpAndOr.Option1.Value = 1
optGrpAndOr.Option1.Left = 5
optGrpAndOr.Option1.Top = 5
optGrpAndOr.Option1.Name = "option1"
optGrpAndOr.Option2.Value = 0
optGrpAndOr.Option2.Left = 5
optGrpAndOr.Option2.Top = 23
optGrpAndOr.Option2.Name = "option2"
optGrpAndOr.Height = 46
optGrpAndOr.Width = 58
optGrpAndOr.TabIndex = 7
optGrpAndOr.Name = "optgrpandor"
Label1.Caption = "Campo:"
Label1.Name = "label1"
Label2.Caption = "Operador:"
Label2.Name = "label2"
Label3.Caption = "Valor:"
Label3.Name = "label3"
Label4.Caption = "Campo:"
Label4.Name = "label4"
Label5.Caption = "Operador:"
Label5.Name = "label5"
Label6.Caption = "Valor:"
Label6.Name = "label6"
chkCaseSensitive.Top = 69
chkCaseSensitive.Left = 264
chkCaseSensitive.Caption = "Maiusculas <
Minusculas"
chkCaseSensitive.Name =
"chkCaseSensitive"
ButtonCount = 3
BackStyle = 0
BorderStyle = 7
Value = 1
Height = 31
Left = 118
Top = 175
Width = 241
Name = "Commandgroup1"
Command1.Top = 1
Command1.Left = 0
Command1.Height = 29
Command1.Width = 73
Command1.Caption = "<Procura"
Command1.TabIndex = 1
Command1.Name = "Command1"
Command2.Top = 1
Command2.Left = 84
Command2.Height = 29
Command2.Width = 73
Command2.Caption = "<odos"
Command2.TabIndex = 2
Command2.Name = "Command2"
Command3.Top = 1
Command3.Left = 168
Command3.Height = 29
Command3.Width = 73
Command3.cancel = .T.
Command3.Caption = "<Cancela"
Command3.TabIndex = 3
Command3.Name = "Command3"
procedure Click
  #DEFINE NORECSFOUND_LOC  "No
records were found which meet your query.
Please try another query."

```

```

do CASE
CASE this.Value = 1  &&SET FILTER
condition
LOCAL cGetExpr
set FILTER to
m.cGetExpr =
Thisform.Searchclass1.searchexpr()
IF !empty(m.cGetExpr)
set FILTER to &cGetExpr
LOCATE
* Check if no records found
IF EOF()

=MESSAGEBOX(NORECSFOUND_LOC)
this.Parent.ChangedFilter = .T.
RETURN
ENDIF
this.Parent.ChangedFilter = .f.
&&good query
ELSE
LOCATE
ENDIF
CASE this.Value = 2  &&SET FILTER TO
all
set FILTER to
LOCATE
this.Parent.ChangedFilter = .f.  &&good
query
OTHERWISE

ENDCASE

release Thisform
ENDPROC
Arial, 1, 10, 6, 16, 13, 14, 3, 0
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0
Width = 452
Height = 160
BackColor = 250,254,197
BackStyle = 0
TabIndex = 1
remotedelimiter = (.f.)
Name = "searchclass"
procedure searchexpr
LOCAL
cGetExpr1,cGetExpr2,cJoin,cGetExpr

m.cGetExpr1 =
this.SearchItem(this.cboFields1,this.cboOper
ators1,this.txtExpr1)
m.cGetExpr2 =
this.SearchItem(this.cboFields2,this.cboOper
ators2,this.txtExpr2)
m.cJoin = IIF(this.optGrpAndOr.Value =
2," OR "," AND ")

do CASE
CASE empty(m.cGetExpr1) and
empty(m.cGetExpr2)
m.cGetExpr = ""
CASE empty(m.cGetExpr2)
m.cGetExpr = m.cGetExpr1
CASE empty(m.cGetExpr1)
m.cGetExpr = m.cGetExpr2
OTHERWISE
m.cGetExpr =
m.cGetExpr1+m.cJoin+m.cGetExpr2
ENDCASE

RETURN m.cGetExpr
ENDPROC
procedure dataexpr
LPARAMETER cDataType,cFldExpr

LOCAL cTmpExpr

```

```

do CASE
CASE
INLIST(m.cDataType,"M","G","P","O","U")
RETURN ""

CASE m.cDataType = "C"
IF TYPE("Test="+m.cFldExpr) # "L"
IF this.remotedelimiter
cTmpExpr = ""+m.cFldExpr+""
ELSE
cTmpExpr = "["+m.cFldExpr+"]"
ENDIF
ELSE
cTmpExpr = m.cFldExpr
ENDIF

* Check for case sensitive
IF this.chkCaseSensitive.Value = 0
m.cTmpExpr=
"UPPER(""+m.cTmpExpr+)"
ENDIF
RETURN m.cTmpExpr

CASE
INLIST(m.cDataType,"N","F","I","Y","B")
* Check for any commas and remove
RETURN
STRTRAN(alltrim(STR(VAL(STRTRAN(m.
cFldExpr,","),16,4))",",","))

CASE INLIST(m.cDataType,"D","T")
RETURN
"{ "+CHRTRAN(m.cFldExpr,"{}","")+}"

OTHERWISE
RETURN ""

ENDCASE

ENDPROC
procedure SearchItem
LPARAMETERS oField,oOp,oExpr
LOCAL
cExpr,cDataType,cOp,cFldName,cFldExpr,c
RetExpr,aExprs,nTotExprs,i

* Check to make sure proper parameters
passed
IF TYPE("m.oField")# "O" OR
TYPE("m.oOp")# "O" OR
TYPE("m.oExpr")# "O"
RETURN ""
ENDIF

m.cFldName = alltrim(m.oField.Value)
m.cFldExpr = alltrim(m.oExpr.Value)

* If empty expression return empty.
IF empty(m.cFldExpr) and
m.oOp.listitemid # 5
RETURN ""
ENDIF

* Get data type of field
m.cDataType =
aWizFList(m.oField.listitemid,2)

IF m.cDataType = "C" and
this.chkCaseSensitive.Value = 0
m.cFldName =
"UPPER(""+m.cFldName+)"
ENDIF

```

```

* Get the operator language equivalent
do CASE
CASE m.oOp.listitemid = 1  && equals
m.cOp = "="
CASE m.oOp.listitemid = 2  && not equals
m.cOp = "<>"
CASE m.oOp.listitemid = 3  && more than
m.cOp = ">"
CASE m.oOp.listitemid = 4  && less than
m.cOp = "<"
CASE m.oOp.listitemid = 5  && is blank
RETURN "EMPTY(""+m.cFldName+)"
CASE m.oOp.listitemid = 6  && is NULL
RETURN "ISNULL(""+m.cFldName+)"
CASE m.cDataType = "L"  && don't allow
other options for logical type
m.cOp = "="
CASE m.oOp.listitemid = 7  && contains
m.cFldExpr =
this.dataexpr(m.cDataType,m.cFldExpr)
RETURN
"AT(""+m.cFldExpr+", "+m.cFldName+)">0"
OTHERWISE
nTotExprs = OCCURS(", ",m.cFldExpr)+1
DIMENSION aExprs[m.nTotExprs]
FOR i = 1 to m.nTotExprs
do CASE
CASE m.i = m.nTotExprs
aExprs[m.i] =
SUBSTR(m.cFldExpr,RAT(", ",m.cFldExpr)+
1)
CASE m.i =1
aExprs[m.i] =
Left(m.cFldExpr,AT(", ",m.cFldExpr)-1)
OTHERWISE
aExprs[m.i] =
SUBSTR(m.cFldExpr,AT(", ",m.cFldExpr,m.i
-1)+1,;
AT(", ",m.cFldExpr,m.i)-
AT(", ",m.cFldExpr,m.i-1)-1)
ENDCASE
aExprs[m.i] =
this.dataexpr(m.cDataType,aExprs[m.i])
ENDFOR

do CASE
CASE m.oOp.listitemid = 8  && in
m.cFldExpr = ""
FOR i = 1 to m.nTotExprs
m.cFldExpr = m.cFldExpr + aExprs[m.i]
IF m.i # m.nTotExprs
m.cFldExpr = m.cFldExpr + ", "
ENDIF
ENDFOR
RETURN
"INLIST(""+m.cFldName+", "+m.cFldExpr+)"
"

CASE m.oOp.listitemid = 9  && between
IF ALEN(aExprs)=1
DIMENSION aExprs[2]
aExprs[2] = aExprs[1]
ENDIF
IF ALEN(aExprs)>2
DIMENSION aExprs[2]
ENDIF
RETURN
"BETWEEN(""+m.cFldName+", "+aExprs[1]+
", "+aExprs[2]+")"
OTHERWISE
RETURN ""
ENDCASE
ENDCASE

do CASE
CASE
INLIST(m.cDataType,"M","G","P","O","U")

```

```

RETURN ""
CASE m.cDataType = "L"
IF
TYPE(m.cFldName+m.cOp+m.cFldExpr) #
"L"
IF AT(m.cFldExpr,"fFnN")#0
m.cFldName = "!" + m.cFldName
ENDIF
RETURN m.cFldName
ENDIF
OTHERWISE
m.cFldExpr =
this.dataexpr(m.cDataType,m.cFldExpr)
ENDCASE

```

```

IF empty(m.cFldExpr)
RETURN ""
ELSE
RETURN
m.cFldName+m.cOp+m.cFldExpr
ENDIF

```

```

ENDPROC
procedure Destroy
release aWizFList

```

```

ENDPROC
FontName = "MS Sans Serif"
FontSize = 8
ControlSource = ""
Height = 23
Left = 11
Style = 2
TabIndex = 1
Top = 25
Width = 141
ItemBackColor = 255,255,255
ColorSource = 3
Name = "cboFields1"
procedure Init
LOCAL i
PUBLIC aWizFList
DIMENSION aWizFList[1]
=AFIELDS(aWizFList)
FOR m.i = FCOUNT() to 1 STEP -1
IF
INLIST(aWizFList[m.i,2],"G","M","U")
&&Memo field
=ADEL(aWizFList,m.i)
DIMENSION
aWizFList[MAX(1,ALEN(aWizFList,1)-
1),11]
ENDIF
ENDIFOR
this.RowSourceType = 5
this.RowSource = "aWizFList"
this.Value = this.LIST[1]

```

```

ENDPROC
FontName = "MS Sans Serif"
FontSize = 8
Alignment = 0
Height = 23
Left = 158
Style = 2
TabIndex = 2
Top = 25
Width = 96
DisabledForeColor = 0,0,0
ItemBackColor = 255,255,255
ColorSource = 3
Name = "cboOperators1"
procedure Init

```

```

#DEFINE C_OPERATORS_LOC
"igual\;diferente\;maior que\;menor
que\;branco\;nulo\;contém\;em\;entre"
this.ADDITEM(C_OPERATORS_LOC)
this.Value = this.LIST[1]

```

```

ENDPROC
procedure InteractiveChange
IF INLIST(this.listitemid,5,6)
this.Parent.txtExpr1.Value = ""
ENDIF
this.Parent.txtExpr1.Enabled =
!INLIST(this.listitemid,5,6)

```

```

ENDPROC
FontName = "MS Sans Serif"
FontSize = 8
Height = 23
Left = 260
TabIndex = 3
Top = 25
Width = 176
Name = "txtExpr1"
FontName = "MS Sans Serif"
FontSize = 8
Height = 23
Left = 11
Style = 2
TabIndex = 4
Top = 117
Width = 141
ItemBackColor = 255,255,255
ColorSource = 3
Name = "cboFields2"
procedure Init
this.RowSourceType = 5
this.RowSource = "aWizFList"
this.Value = this.LIST[1]

```

```

ENDPROC
FontName = "MS Sans Serif"
FontSize = 8
Height = 23
Left = 160
Style = 2
TabIndex = 5
Top = 117
Width = 96
DisabledForeColor = 0,0,0
ItemBackColor = 255,255,255
ColorSource = 3
Name = "cboOperators2"
procedure Init

```

```

#DEFINE C_OPERATORS_LOC
"igual\;diferente\;maior que\;menor
que\;branco\;nulo\;contém\;em\;entre"
this.ADDITEM(C_OPERATORS_LOC)
this.Value = this.LIST[1]

```

```

ENDPROC
procedure InteractiveChange
IF INLIST(this.listitemid,5,6)
this.Parent.txtExpr2.Value = ""
ENDIF
this.Parent.txtExpr2.Enabled =
!INLIST(this.listitemid,5,6)

```

```

ENDPROC
FontName = "MS Sans Serif"
FontSize = 8
Height = 23
Left = 260
TabIndex = 6
Top = 118
Width = 176
Name = "txtExpr2"

```

```

AutoSize = .T.
ButtonCount = 2
BackStyle = 0
Value = 1
Height = 46
Left = 50
Top = 55
Width = 58
TabIndex = 7
Name = "optgrpAndOr"
Option1.FontBold = .T.
Option1.FontName = "MS Sans Serif"
Option1.FontSize = 8
Option1.BackStyle = 0
Option1.Caption = "<E"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 48
Option1.Name = "Option1"
Option2.FontBold = .T.
Option2.FontName = "MS Sans Serif"
Option2.FontSize = 8
Option2.BackStyle = 0
Option2.Caption = "<OU"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 23
Option2.Width = 39
Option2.Name = "Option2"
procedure Init
this.Value = 1
ENDPROC
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = "Field:"
Height = 16
Left = 12
Top = 7
Width = 102
Name = "label1"
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = "Operator:"
Height = 16
Left = 158
Top = 7
Width = 93
Name = "label2"
FontBold = .T.
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = "Value:"
Height = 16
Left = 262
Top = 7
Width = 165
Name = "label3"
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = "Field:"
Height = 16
Left = 12
Top = 99
Width = 102
Name = "label4"
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = "Operator:"

```

```

Height = 16
Left = 161
Top = 99
Width = 93
Name = "label5"
FontBold = .T.
FontName = "MS Sans Serif"
FontSize = 8
BackStyle = 0
Caption = "Value:"
Height = 16
Left = 262
Top = 99
Width = 165
Name = "label6"
Top = 69
Left = 290
Height = 15
Width = 105
FontName = "MS Sans Serif"
FontSize = 8
AutoSize = .T.
BackStyle = 0
Caption = "Case Sensiti\<ve"
TabIndex = 8
Name = "chkCaseSensitive"
MS Sans Serif, 1, 8, 6, 13, 11, 12, 2, 0

```

1.121 LOGIN.SCX

```

Left = 0
Top = 6
Width = 400
Height = 175
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "usuarios"
BufferModeOverride = 0
Order = "loginname"
Database = "sicro.dbc"
CursorSource = "usuarios"
Name = "usuarios"
Height = 201
Width = 288
DoCreate = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "Login"
icon = dner02.ico
WindowType = 1
Name = "LOGIN"
procedure Init
    set date to DMY
    set bell to 'Inicio.wav', 0
    ?? CHR(7)

```

```

ENDPROC
procedure Unload
    RETURN Thisform.achou
ENDPROC
ControlSource = ""
Format = "!"
Height = 24
Left = 144
Top = 28
Width = 113
Name = "usuario"
ControlSource = ""
Format = "!"
Height = 24
Left = 144
Top = 68

```

```

Width = 113
PasswordChar = "*"
Name = "senha"
procedure Valid

    sele usuarios
    GO Top

    SEEK alltrim(Thisform.usuario.Value)
    IF FOUND()
        IF
            alltrim(usuarios.senha)=alltrim(Thisform.sen
            ha.Value)

                Thisform.achou=classeusu
                Thisform.NovaSenha.Enabled=.T.
                Thisform.NovaSenha.Visible=.T.
                Thisform.Novatxt.Visible=.T.
                Thisform.ok.SetFocus()
            ELSE
                Thisform.achou="U" && Usuário
                comum - Só pode fazer consulta
                wait WINDOW "Senha não confere"
            ENDIF
        ELSE
            wait WINDOW "Usuário não
            cadastrado"
        ENDIF

```

```

ENDPROC
BackStyle = 0
Caption = "Usuário"
Height = 18
Left = 36
Top = 28
Width = 61
Name = "Label1"
BackStyle = 0
Caption = "Senha"
Height = 18
Left = 36
Top = 73
Width = 61
Name = "Label2"
Top = 160
Left = 39
Height = 29
Width = 94
Caption = "OK"
TerminateRead = .T.
Name = "OK"
procedure Click

```

```

    sele usuarios
    GO Top

    SEEK alltrim(Thisform.usuario.Value)
    IF FOUND()
        IF
            alltrim(usuarios.senha)=alltrim(Thisform.sen
            ha.Value)

                Thisform.achou=classeusu
                Thisform.release
            ELSE
                Thisform.achou="U" && Usuário
                comum - Só pode fazer consulta
                wait WINDOW "Senha não confere"
            ENDIF
        ELSE
            wait WINDOW "Usuário não
            cadastrado"
        ENDIF

        set bell to 'ok.wav', 0

```

```

?? CHR(7)
ENDPROC
Top = 159
Left = 159
Height = 29
Width = 94
Caption = "Cancela"
TerminateRead = .T.
Name = "Cancela"
procedure Valid
    Thisform.achou="U"
    Thisform.release
ENDPROC
ControlSource = ""
Enabled = .f.
Format = "!"
Height = 24
Left = 144
Top = 101
Visible = .f.
Width = 113
PasswordChar = "*"
Name = "NovaSenha"
procedure Valid
    Thisform.DeNovoTxt.Visible=.T.
    Thisform.DeNovo.Visible=.T.
    Thisform.DeNovo.Enabled=.T.
ENDPROC
BackStyle = 0
Caption = "Nova Senha"
Height = 18
Left = 36
Top = 106
Visible = .f.
Width = 83
Name = "Novatxt"
BackStyle = 0
Caption = "Confirmação"
Left = 36
Top = 130
Visible = .f.
Width = 83
Name = "DenovoTxt"
ControlSource = ""
Enabled = .f.
Format = "!"
Height = 24
Left = 144
Top = 125
Visible = .f.
Width = 113
PasswordChar = "*"
Name = "Denovo"
procedure Valid
    Thisform.DeNovoTxt.Visible=.f.
    Thisform.DeNovo.Visible=.f.
    Thisform.DeNovo.Enabled=.f.
    Thisform.NovaSenha.Visible=.f.
    Thisform.Novatxt.Visible=.f.
    IF
        alltrim(Thisform.NovaSenha.Value)=alltrim(
        Thisform.DeNovo.Value)
            replace usuarios.senha with
            alltrim(Thisform.DeNovo.Value)
            Thisform.achou=classeusu
        Thisform.senha.Value=alltrim(Thisform.DeN
        ovo.Value)

```



```

* * Description:
* * This PROGRAM was automatically
generated BY GENMENU.
* *
*****
*****
*
*
*****
*****
* *
* *          Menu Definition
* *
*
*****
*****
set systemu to
set systemu AUTOMATIC
DEFINE PAD _rny0zwsfi of _MSYSMENU
prompt "<Arquivo" COLOR SCHEME 3 ;
KEY ALT+a, "ALT+A"
DEFINE PAD _msm_edit of _MSYSMENU
prompt "<Editar" COLOR SCHEME 3 ;
KEY ALT+e, "" ;
MESSAGE "Edits text or current
selection"
DEFINE PAD _rny0zwsfg of _MSYSMENU
prompt "<Catálogo" COLOR SCHEME 3 ;
KEY ALT+c, "ALT+C" ;
SKIP FOR !empty(wontop())
DEFINE PAD _rny0zwsfgi of _MSYSMENU
prompt "<Pesquisa de Preços" COLOR
SCHEME 3 ;
KEY ALT+P, "ALT+P" ;
SKIP FOR !empty(wontop())
DEFINE PAD _rny0zwsfgl of _MSYSMENU
prompt "Custos <Rodoviários" COLOR
SCHEME 3 ;
KEY ALT+R, "ALT+R" ;
SKIP FOR !empty(wontop())
DEFINE PAD _rny0zwsfgo of _MSYSMENU
prompt "<Orçamento" COLOR SCHEME 3 ;
KEY ALT+O, "ALT+O" ;
SKIP FOR !empty(wontop())
DEFINE PAD _msm_windo of
_MSYSMENU prompt "Carta <Mensal"
COLOR SCHEME 3 ;
NEGOTIATE RIGHT ;
KEY ALT+M, "ALT+M" ;
SKIP FOR !empty(wontop()) ;
MESSAGE "Manipulates windows,
displays Command and View windows"
DEFINE PAD _msm_system of
_MSYSMENU prompt "<Au<xílio"
COLOR SCHEME 3 ;
KEY ALT+H, "" ;
MESSAGE "Displays Help on Visual
FoxPro"
on PAD _rny0zwsfi of _MSYSMENU
Activate POPUP Arquivo
on PAD _msm_edit of _MSYSMENU
Activate POPUP editar
on PAD _rny0zwsfg of _MSYSMENU
Activate POPUP catálogo
on PAD _rny0zwsfgi of _MSYSMENU
Activate POPUP pesquisada
on PAD _rny0zwsfgl of _MSYSMENU
Activate POPUP custosrodo
on SELECTION PAD _rny0zwsfgo of
_MSYSMENU do form TORC0110
on PAD _msm_windo of _MSYSMENU
Activate POPUP cartamensa
on PAD _msm_system of _MSYSMENU
Activate POPUP auxílio
DEFINE POPUP Arquivo Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of Arquivo prompt
"<Login" ;
KEY ALT+L, "ALT+L"
DEFINE BAR 2 of Arquivo prompt
"<Exportação / PEP" ;
KEY ALT+e, "ALT+E" ;
SKIP FOR classeusu="U"
DEFINE BAR 3 of Arquivo prompt
"<Importação / PEP" ;
KEY ALT+i, "ALT+I" ;
SKIP FOR classeusu<>"G"
DEFINE BAR 4 of Arquivo prompt "<Sair" ;
KEY ALT+S, "ALT+S"
on SELECTION BAR 1 of Arquivo do form
login to classeusu
on SELECTION BAR 2 of Arquivo do form
exporta
on SELECTION BAR 3 of Arquivo do form
IMPORTA
on SELECTION BAR 4 of Arquivo ;
do _rny0zwsli ;
IN
LOCFILE("DESENVOL\MENUS\PRINDN
ER" ,"MPX;MPR|FXP;PRG" ,"WHERE is
PRINDNER?")
DEFINE POPUP editar Margin RELATIVE
SHADOW COLOR SCHEME 4
DEFINE BAR _med_undo of editar prompt
"<Undo" ;
KEY CTRL+Z, "Ctrl+Z" ;
MESSAGE "Undoes the last command or
action"
DEFINE BAR _med_sp100 of editar prompt
"\" ;
DEFINE BAR _med_cut of editar prompt
"Cutar" ;
KEY CTRL+x, "Ctrl+X" ;
MESSAGE "Removes the selection and
places it onto the Clipboard"
DEFINE BAR _med_copy of editar prompt
"<Copiar" ;
KEY CTRL+c, "Ctrl+C" ;
MESSAGE "Copies the selection onto the
Clipboard"
DEFINE BAR _med_paste of editar prompt
"Colar" ;
KEY CTRL+v, "Ctrl+V" ;
MESSAGE "Pastes the contents of the
Clipboard"
DEFINE BAR _med_sp200 of editar prompt
"\" ;
DEFINE BAR _med_slcta of editar prompt
"Se<leciona Tudo" ;
KEY CTRL+a, "Ctrl+A" ;
MESSAGE "Selects all text or items in the
current window"
DEFINE POPUP catálogo Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of catálogo prompt
"<Consulta" ;
KEY ALT+c, "ALT+C"
DEFINE BAR 2 of catálogo prompt
"<Manutenção" ;
KEY ALT+M, "ALT+M" ;
SKIP FOR classeusu<>"G"
DEFINE BAR 3 of catálogo prompt
"<Relatórios" ;
KEY ALT+R, "ALT+R"
on BAR 1 of catálogo Activate POPUP
consulta
on BAR 2 of catálogo Activate POPUP
manutenção
on BAR 3 of catálogo Activate POPUP
relatórios
DEFINE POPUP consulta Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of consulta prompt
"<Equipamento"
DEFINE BAR 2 of consulta prompt
"<Material"
DEFINE BAR 3 of consulta prompt "Mão de
<Obra"
on BAR 1 of consulta Activate POPUP
_rie0lfori
on BAR 2 of consulta Activate POPUP
_rjl0xs4tr
on BAR 3 of consulta Activate POPUP
mãodeobra
DEFINE POPUP _rie0lfori Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of _rie0lfori prompt
"<Dados Básicos" ;
KEY ALT+d, "ALT+D"
DEFINE BAR 2 of _rie0lfori prompt
"<Índice de Classes" ;
KEY ALT+i, "ALT+I"
on SELECTION BAR 1 of _rie0lfori do form
teqp0310
on SELECTION BAR 2 of _rie0lfori do form
teqp0412
DEFINE POPUP _rjl0xs4tr Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of _rjl0xs4tr prompt
"<Classe de Materiais"
DEFINE BAR 2 of _rjl0xs4tr prompt
"<Dados de Materiais"
on SELECTION BAR 1 of _rjl0xs4tr do form
TMAT0310
on SELECTION BAR 2 of _rjl0xs4tr do form
TMAT0300
DEFINE POPUP mãodeobra Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of mãodeobra prompt
"<Descrição" ;
KEY ALT+d, "ALT+D"
DEFINE BAR 2 of mãodeobra prompt
"<Relação de Mão de Obra" ;
KEY ALT+R, "ALT+R"
on SELECTION BAR 1 of mãodeobra ;
do _rny0zwsli6 ;
IN
LOCFILE("DESENVOL\MENUS\PRINDN
ER" ,"MPX;MPR|FXP;PRG" ,"WHERE is
PRINDNER?")
on SELECTION BAR 2 of mãodeobra do
form TMAO0300
DEFINE POPUP manutenção Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of manutenção prompt
"<Equipamento" ;
KEY ALT+e, "ALT+E" ;
SKIP FOR classeusu<>"G"
DEFINE BAR 2 of manutenção prompt
"<Material" ;
KEY ALT+M, "ALT+M" ;
SKIP FOR classeusu<>"G"
DEFINE BAR 3 of manutenção prompt "Mão
de <Obra" ;

```



```

KEY ALT+O, "ALT+O" ;
SKIP FOR classeusu<>"G"
DEFINE BAR 4 of manutenção prompt
"\<Parâmetros do Sistema" ;
KEY ALT+P, "ALT+P" ;
SKIP FOR classeusu<>"G"
DEFINE BAR 5 of manutenção prompt
"\<Fabricantes" ;
KEY ALT+f, "ALT+F"
on BAR 1 of manutenção Activate POPUP
equipament
on BAR 2 of manutenção Activate POPUP
material
on BAR 3 of manutenção Activate POPUP
_ri40kx9ds
on SELECTION BAR 4 of manutenção do
form TPAR0110
on SELECTION BAR 5 of manutenção do
form FABRICAN

DEFINE POPUP equipament Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of equipament prompt
"\<Dados Básicos" ;
KEY ALT+d, "ALT+D"
DEFINE BAR 2 of equipament prompt
"\<Classe de Equipamento" ;
KEY ALT+c, "ALT+C"
on SELECTION BAR 1 of equipament do
form TEQP0420
on SELECTION BAR 2 of equipament do
form teqp0410

DEFINE POPUP material Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of material prompt "\<Classe
de Material" ;
KEY ALT+c, "ALT+C"
DEFINE BAR 2 of material prompt "\<Dados
Básicos" ;
KEY ALT+d, "ALT+D"
on SELECTION BAR 1 of material do form
TMAT0410
on SELECTION BAR 2 of material do form
TMAT0420

DEFINE POPUP _ri40kx9ds Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of _ri40kx9ds prompt
"\<Descrição" ;
KEY ALT+d, "ALT+D"
DEFINE BAR 2 of _ri40kx9ds prompt
"\<Padrão Salarial" ;
KEY ALT+P, "ALT+P"
on SELECTION BAR 1 of _ri40kx9ds do
form TMAO0410
on SELECTION BAR 2 of _ri40kx9ds do
form TMAO0420

DEFINE POPUP relatórios Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of relatórios prompt
"\<Equipamentos" ;
KEY ALT+e, "ALT+E"
DEFINE BAR 2 of relatórios prompt
"\<Material" ;
KEY ALT+M, "ALT+M"
DEFINE BAR 3 of relatórios prompt "Mão
de \<Obra" ;
KEY ALT+O, "ALT+O"
on SELECTION BAR 1 of relatórios do form
TEQP0200
on SELECTION BAR 2 of relatórios do form
TMAT0200
on SELECTION BAR 3 of relatórios do form
TMAO0200

```

```

DEFINE POPUP pesquisade Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of pesquisade prompt
"\<Consultas" ;
KEY ALT+c, "ALT+C"
DEFINE BAR 2 of pesquisade prompt
"\<Locais de Coleta" ;
KEY ALT+L, "ALT+L" ;
SKIP FOR AT(classeusu,"GC")=0
DEFINE BAR 3 of pesquisade prompt
"Col\<eta de Preços" ;
KEY ALT+e, "ALT+E" ;
SKIP FOR AT(classeusu,"GC")=0
DEFINE BAR 4 of pesquisade prompt
"Crí\<tica de Preços" ;
KEY ALT+T, "ALT+T" ;
SKIP FOR classeusu<>"G"
DEFINE BAR 5 of pesquisade prompt
"\<Preços Unitários" ;
KEY ALT+P, "ALT+P" ;
SKIP FOR classeusu<>"G"
on SELECTION BAR 1 of pesquisade ;
do _rny0zwsni ;
IN
LOCFILE("DESENVOL\MENUS\PRINDN
ER", "MPX;MPR|FXP;PRG", "WHERE is
PRINDNER?")
on SELECTION BAR 2 of pesquisade ;
do _rny0zwsno ;
IN
LOCFILE("DESENVOL\MENUS\PRINDN
ER", "MPX;MPR|FXP;PRG", "WHERE is
PRINDNER?")
on BAR 3 of pesquisade Activate POPUP
coletadepr
on SELECTION BAR 4 of pesquisade do
form tpep0410
on SELECTION BAR 5 of pesquisade do
form tpep0510

DEFINE POPUP coletadepr Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of coletadepr prompt
"\<Emissão dos Questionários" ;
KEY ALT+e, "ALT+E"
DEFINE BAR 2 of coletadepr prompt
"\<Registro dos Preços" ;
KEY ALT+R, "ALT+R"
on SELECTION BAR 1 of coletadepr do
form tpep0320
on SELECTION BAR 2 of coletadepr do
form tpep0330

DEFINE POPUP custosrodo Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of custosrodo prompt "Custo
de \<Equipamentos" ;
SKIP FOR classeusu<>"G"
DEFINE BAR 2 of custosrodo prompt
"Com\<posições"
DEFINE BAR 3 of custosrodo prompt
"\<Consultas e Relatórios sobre
Composições"
DEFINE BAR 4 of custosrodo prompt
"\<Informações sobre Custo de
Equipamentos"
on BAR 1 of custosrodo Activate POPUP
custodeequ
on BAR 2 of custosrodo Activate POPUP
composiçõe
on SELECTION BAR 3 of custosrodo do
form TCTR0310
on SELECTION BAR 4 of custosrodo do
form TCTR0400

```

```

DEFINE POPUP custodeequ Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of custodeequ prompt
"C\<omposição do Custo Horário"
DEFINE BAR 2 of custodeequ prompt
"\<Cálculo do Custo Horário"
DEFINE BAR 3 of custodeequ prompt
"\<Relatórios de Custo"
on SELECTION BAR 1 of custodeequ do
form TCTR0120
on SELECTION BAR 2 of custodeequ do
form TCTR0130
on SELECTION BAR 3 of custodeequ do
form tctr0150

```

```

DEFINE POPUP composiçõe Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of composiçõe prompt
"\<Manutenção de Serviços / Atividades" ;
SKIP FOR classeusu<>"G"
DEFINE BAR 2 of composiçõe prompt
"\<Cálculo do Custo das Composições" ;
SKIP FOR classeusu<>"G"
DEFINE BAR 3 of composiçõe prompt
"\<Relatórios"
on SELECTION BAR 1 of composiçõe do
form tctr0210
on SELECTION BAR 2 of composiçõe do
form tctr0250
on SELECTION BAR 3 of composiçõe do
form tctr0211

```

```

DEFINE POPUP cartamensa Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR 1 of cartamensa prompt
"\<Boletim" ;
KEY ALT+B, "ALT+B"
DEFINE BAR 2 of cartamensa prompt
"\<Edição do Boletim" ;
KEY ALT+e, "ALT+E" ;
SKIP FOR classeusu <> 'G'
on SELECTION BAR 1 of cartamensa do
form TAUX0010
on SELECTION BAR 2 of cartamensa do
form TAUX0020

```

```

DEFINE POPUP auxílio Margin RELATIVE
SHADOW COLOR SCHEME 4
DEFINE BAR _mst_help of auxílio prompt
"\<Conteúdo" ;
MESSAGE "Exibe as informações de
auxílio"
DEFINE BAR _mst_hpsch of auxílio prompt
"\<Localizar ..." ;
MESSAGE "Pesquisa as informações de
auxílio através de palavras-chave"
DEFINE BAR 3 of auxílio prompt "\<-"
DEFINE BAR _mst_techs of auxílio prompt
"\<Suporte Operacional" ;
MESSAGE "Displays Help on technical
support and common questions for Microsoft
Visual FoxPro"
DEFINE BAR _mst_sp200 of auxílio prompt
"\<-"
DEFINE BAR 6 of auxílio prompt "So\<bre o
Sicro" ;
KEY ALT+B, "ALT+B" ;
MESSAGE "Apresenta informações sobre
o sistema"
on SELECTION BAR 6 of auxílio do form
sobre

```

```

*
*****
*****

```

```

* *
* * _RNY0ZWSI1 ON SELECTION
BAR 4 OF POPUP arquivo
* *
* * Procedure Origin:
* *
* * From Menu: PRINDNER.MPR,
Record: 8
* * Called By: ON SELECTION BAR 4
OF POPUP arquivo
* * Prompt: Sair
* * Snippet: 1
* *
*
*****
*****
procedure _rny0zws1
  fim=.T.
  CLEAR events

*
*****
*****
* *
* * _RNY0ZWSL6 ON SELECTION
BAR 1 OF POPUP mÃodeobra
* *
* * Procedure Origin:
* *
* * From Menu: PRINDNER.MPR,
Record: 32
* * Called By: ON SELECTION BAR
1 OF POPUP mÃodeobra
* * Prompt: Descrição
* * Snippet: 2
* *
*
*****
*****
procedure _rny0zws16
  opmenu="C"
  do form TMAO0410

*
*****
*****
* *
* * _RNY0ZWSNI ON SELECTION
BAR 1 OF POPUP pesquisade
* *
* * Procedure Origin:
* *
* * From Menu: PRINDNER.MPR,
Record: 57
* * Called By: ON SELECTION BAR
1 OF POPUP pesquisade
* * Prompt: Consultas
* * Snippet: 3
* *
*
*****
*****
procedure _rny0zwsni
  opmenu="C"
  do form tpep0110

*
*****
*****
* *
* * _RNY0ZWSNO ON SELECTION
BAR 2 OF POPUP pesquisade

```

```

* *
* * Procedure Origin:
* *
* * From Menu: PRINDNER.MPR,
Record: 58
* * Called By: ON SELECTION BAR
2 OF POPUP pesquisade
* * Prompt: Locais de Coleta
* * Snippet: 4
* *
*
*****
*****
procedure _rny0zwsno
  opmenu="A"
  do form TPEP0210

```

1.124_MODELO.SCX

```

Left = 10
Top = 269
Width = 400
Height = 111
Name = "Dataenvironment"
Left = 20
Top = 10
Width = 90
Height = 90
Alias = "par0010"
Database = sicro.dbc
CursorSource = "par0010"
Name = "Cursor1"
ScaleMode = 3
Height = 198
Width = 490
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
Caption = "SICRO - Tsssnnnn"
Visible = .f.
icon = dner02.ico
LockScreen = .f.
Name = "Form1"
layoutsty.Shape1.Name = "SHAPE1"
layoutsty.Shape2.Name = "SHAPE2"
layoutsty.Shape3.Name = "SHAPE3"
layoutsty.Shape4.Name = "SHAPE4"
layoutsty.Top = 54
layoutsty.Left = 4004
layoutsty.Width = 571
layoutsty.Height = 205
layoutsty.Visible = .f.
layoutsty.Name = "LAYOUTSTY"
Label1.Caption = "Modelo de Formulário"
Label1.Width = 265
Label1.Name = "LABEL1"
Shape1.Height = 1
Shape1.Left = 5
Shape1.Top = 42
Shape1.Width = 479
Shape1.Name = "SHAPE1"
Shape2.Height = 1
Shape2.Left = 5
Shape2.Top = 43
Shape2.Width = 479
Shape2.Name = "SHAPE2"
Shape3.Height = 1
Shape3.Left = 5
Shape3.Top = 150
Shape3.Width = 479
Shape3.Name = "SHAPE3"
Shape4.Height = 1
Shape4.Left = 5
Shape4.Top = 151
Shape4.Width = 479

```

```

Shape4.Name = "SHAPE4"
AutoSize = .T.
FontBold = .T.
FontSize = 10
Caption = "Rótulo de campo:"
Left = 10
Top = 61
Visible = .T.
Width = 112
Name = "LBLCLASSE1"
Value =
ControlSource = ""
Enabled = .f.
Height = 21
InputMask = ""
Left = 143
Top = 57
Visible = .T.
Width = 219
Name = "CLASSE1"
Top = 163
Left = 4
Width = 522
Height = 24
TabIndex = 1
Name = "Botoes"
cmdPrev.Name = "cmdPrev"
cmdNext.Name = "cmdNext"
cmdTop.Name = "cmdTop"
cmdEnd.Name = "cmdEnd"
cmdFind.Name = "cmdFind"
cmdPrint.Name = "cmdPrint"
cmdExit.Name = "cmdExit"
cmdAdd.Name = "cmdAdd"
cmdDelete.Name = "cmdDelete"
cmdEdit.Name = "cmdEdit"
Top = 7
Left = 456
Height = 26
Width = 28
Picture = ..\IMAGENS\HELP.bmp
Caption = ""
DisabledForeColor = 128,128,128
Name = "Command3"
ButtonCount = 2
BackStyle = 0
BorderStyle = 0
Value = 1
Height = 48
Left = 154
Top = 95
Width = 101
Name = "Optiongroup1"
Option1.BackStyle = 0
Option1.Caption = "Opção "a"
Option1.Value = 1
Option1.Height = 18
Option1.Left = 5
Option1.Top = 5
Option1.Width = 84
Option1.AutoSize = .T.
Option1.Name = "Option1"
Option2.BackStyle = 0
Option2.Caption = "Opção "b"
Option2.Value = 0
Option2.Height = 18
Option2.Left = 5
Option2.Top = 25
Option2.Width = 84
Option2.AutoSize = .T.
Option2.Name = "Option2"
AutoSize = .T.
FontBold = .T.
FontSize = 10
Caption = "Seleção entre opções:"
Left = 10

```

```

Top = 99
Visible = .T.
Width = 142
Name = "Embossedlabel2"
Top = 108
Left = 407
Height = 29
Width = 77
Caption = "Processo 2"
Name = "Command4"
Top = 60
Left = 407
Height = 29
Width = 77
Caption = "Processo 1"
Name = "Command5"

```

1.125 MSG.PRG

```

*.*****
*.*****
*
* Procedure File MSG.PRG
*
*
*
*
*
*
*
* Visual FoxPro Formatting wizard version
*.03
*.*****
*.*****
* msg
*
* -----
*

```

```

FUNCTION msg(pCod)
*__
*-- Recebe um código de mensagem e
*-- envia quadro de aviso para a tela
*__
PUBLIC mcod, ml1,ml2

```

do CASE

```

CASE pCod = "1"
ml1 = 'Inclusão não foi efetuada por já
existir'
ml2 = 'um outro registro com o mesmo
código.'
mcod='001'

```

```

CASE pCod = "2"
ml1 = ' Inclusão efetuada com a
recuperação'
ml2 = ' de registro anteriormente
eliminado'
mcod='002'

```

```

CASE pCod = "3"
ml1 = ' Selecione um elemento da lista
antes'
ml2 = ' de utilizar o botão incluir.'
mcod='003'

```

```

CASE pCod = "4"
ml1 = ' Selecione um elemento do quadro
antes'
ml2 = ' de utilizar o botão excluir.'
mcod='004'

```

```

CASE pCod = "5"
ml1 = 'Não existem informações para a '
ml2 = 'seleção efetuada'
mcod='005'

```

```

CASE pCod = "6"
ml1 = 'Para incluir um novo texto
preencha'
ml2 = 'corretamente a data de inclusão.'
mcod='006'

```

```

CASE pCod = "7"
ml1 = 'A data informada necessita ser mais'
ml2 = 'recente do que a da última carta'
mcod='007'

```

```

CASE pCod = "8"
ml1 = 'Informe corretamente o CPF do
responsável'
ml2 = 'digitando todo o código (11 dígitos)'
mcod='008'

```

```

CASE pCod = "9"
ml1 = 'Programa Excel não foi encontrado.
'
ml2 = 'Impossível executar a extração de
dados'
mcod='009'
CASE pCod = "0"
ml1 = 'Informe o código de uma unidade
da '
ml2 = 'federação
'
mcod='010'
OTHERWISE
ml1 =
'XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXX'
ml2 =
'XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXX'
mcod='XXX'

```

ENDCASE

do form msgxxx with mcod, ml1, ml2

ENDFUNC

```

* -----
*
*****

```

1.126 MSG_DEL.SCX

```

Left = 10
Top = 249
Width = 400
Height = 119
Name = "Dataenvironment"
Height = 152
Width = 454
DoCreate = .T.
ShowTips = .T.
AutoCenter = .T.
BackColor = 250,254,197
BorderStyle = 3
Caption = "SICRO - "
HelpContextID = 32010
icon = IMAGENS\dner02.ico
KeyPreview = .f.
WindowType = 1
AlwaysOnTop = .T.
Name = "MSGppp"
procedure Init
parameters mcod, ml1, ml2, resp

```

```

Thisform.Caption='SICRO - ACT' + mcod
Thisform.linha1.Caption = ml1

```

```

Thisform.linha2.Caption = ml2
Thisform.Refresh

set bell to 'Pergunta.wav', 0
?? CHR(7)

```

ENDPROC

```

Picture = IMAGENS\msgbox02.ico
BackStyle = 0
Height = 32
Left = 22
Top = 40
Width = 32
Name = "Image1"
AutoSize = .T.
FontName = "Times New Roman"
FontSize = 16
BackStyle = 0
Caption = "ATENÇÃO"
Height = 27
Left = 91
Top = 17
Width = 103
TabIndex = 0
Name = "Label1"
AutoSize = .f.
FontName = "Times New Roman"
FontSize = 12
BackStyle = 0
Caption = "linha2"
Height = 22
Left = 91
Top = 66
Width = 339
TabIndex = 0
Name = "linha2"
AutoSize = .f.
FontName = "Times New Roman"
FontSize = 12
BackStyle = 0
Caption = "linha1"
Height = 22
Left = 91
Top = 49
Width = 339
TabIndex = 0
Name = "linha1"
Top = 107
Left = 359
Height = 26
Width = 50
Picture = IMAGENS\HELP.bmp
Caption = ""
HelpContextID = 32010
StatusBarText = "Ativa a função de auxílio"
TabIndex = 3
ToolTipText = "Auxílio"
DisabledForeColor = 128,128,128
Name = "auxilio"
procedure Click
HELP ID 32010 IN Screen
ENDPROC
Top = 109
Left = 47
Height = 26
Width = 50
Picture = IMAGENS\ok.bmp
Caption = ""
StatusBarText = "Sim, executa a ação objeto
da consulta"
TabIndex = 2
ToolTipText = "Sim"
DisabledForeColor = 128,128,128
Name = "Sim"
procedure Click
resp=.T.

```



```

    cuf="xy"
ELSE
    cond=.f.
    cuf=cduf
ENDIF

IF used("eqp0040")
    sele Eqp0040
ELSE
    sele 0
    use Eqp0040
ENDIF
set Order to tag iequip

IF used("pep0040")
    sele pep0040
ELSE
    sele 0
    use pep0040
ENDIF
set Order to tag cod
IF used("pep0030")
    sele pep0030
ELSE
    sele 0
    use pep0030
ENDIF
set Order to cod
IF used("pep0020")
    sele pep0020
ELSE
    sele 0
    use pep0020
ENDIF
GO Top

scan FOR cod_uf=cuf OR cond
    sele Eqp0040
    SEEK pep0020.equipamento
    IF !montagem
        IF
            Left(alltrim(Eqp0040.equipamento),1)<>"L"
            and
            Left(alltrim(Eqp0040.equipamento),1)<>"P"
                sele pep0040
                SEEK
            pep0020.cod_uf+pep0020.equipamento+STR
            (YEAR(dtpesq),4)+STR(month(dtpesq),2)
                IF FOUND()

                ELSE
                    INSERT INTO pep0040
                    (cod_uf,equipamento,pesquisa,aquisicao);

                    VALUES(pep0020.cod_uf,pep0020.equipam
                    ento,dtpesq,0)
                ENDIF

                sele pep0030
                SEEK
            pep0020.cod_uf+pep0020.LOCAL+pep0020.
            equipamento+STR(YEAR(dtpesq),4)+STR(m
            onth(dtpesq),2)
                IF FOUND()

                ELSE
                    INSERT INTO pep0030
                    (cod_uf,LOCAL,equipamento,pesquisa,aquisi
                    cao);

                    VALUES(pep0020.cod_uf,pep0020.LOCAL,
                    pep0020.equipamento,dtpesq,0)
                ENDIF
            ENDIF
            ENDIF
        ENDIF

        endsfan
        RETURN
        endsfan

        RETURN
        REPORTR\RCTR0110.FRX
        REPORTR\RCTR0120.FRX
        REPORTR\RCTR0130.FRX
        REPORTR\RCTR0210.FRX
        REPORTR\RCTR0211.FRX
        REPORTR\RCTR0220.FRX
        REPORTR\RCTR0320.FRX
        REPORTR\RCTR0330.FRX
        REPORTPE\RPEP0010.FRX
        REPORTPE\RPEP0011.FRX
        REPORTPE\RPEP0020.FRX
        REPORTPE\RPEP0030.FRX
        REPORTPE\RPEP0040.FRX
        REPORTPE\RPEP0050.FRX
        REPORTPE\RPEP0060.FRX
        REPORTPE\RPEP0141.FRX
        REPORTPE\RPEP0142.FRX
        REPORTPE\RPEP0320.FRX
        REPORTPE\RPEP0321.FRX
        REPORTPE\RPEP0322.FRX
        REPORTPE\RPEP0330.FRX
        REPORTPE\RPEP0331.FRX
        REPORTPE\RPEP0332.FRX
        REPORTPE\RPEP0341.FRX
        REPORTPE\RPEP0342.FRX
        REPORTPE\RPEP0421.FRX
        REPORTPE\RPEP0422.FRX
        REPORTPE\RPEP0431.FRX
        REPORTPE\RPEP0432.FRX
        REPORTS\REQP0010.FRX
        REPORTS\REQP0020.FRX
        REPORTS\REQP0030.FRX
        REPORTS\REQP0040.FRX
        REPORTS\REQP0041.FRX
        REPORTS\RMAO0010.FRX
        REPORTS\RMAO0020.FRX
        REPORTS\RMAO0030.FRX
        REPORTS\RMAT0010.FRX
        REPORTS\RMAT0011.FRX
        REPORTS\RMAT0020.FRX
        REPORTS\RMAT0040.FRX
        SICRO.DBC

        *****
        *****
        procedure emite_q_mat
        parameters dtpesq,cduf

        IF parameters()<2
            cond=.T.
            cuf="xy"
        ELSE
            cond=.f.
            cuf=cduf
        ENDIF

        IF used("pep0070")
            sele pep0070
        ELSE
            sele 0
            use pep0070
        ENDIF
        set Order to tag ichave

        IF used("pep0060")
            sele pep0060
        ELSE
            sele 0
            use pep0060
        ENDIF
        set Order to ichave

        IF used("pep0050")
            sele pep0050
        ELSE
            sele 0
            use pep0050
        ENDIF
        GO Top

        scan FOR cod_uf=cduf .OR. cond
            sele pep0070
            SEEK
            pep0050.cod_uf+pep0050.material+STR(YE
            AR(dtpesq),4)+STR(month(dtpesq),2)
                IF FOUND()

                ELSE
                    INSERT INTO pep0070
                    (cod_uf,material,pesquisa,valor_mat);

                    VALUES(pep0050.cod_uf,pep0050.material,
                    dtpesq,0)
                ENDIF

                sele pep0060
                SEEK
            pep0050.cod_uf+pep0050.LOCAL+pep0050.
            material+STR(YEAR(dtpesq),4)+STR(month
            (dtpesq),2)
                IF FOUND()

                ELSE
                    INSERT INTO pep0060
                    (cod_uf,LOCAL,material,pesquisa,mat_pesq)
                    ;

                    VALUES(pep0050.cod_uf,pep0050.LOCAL,
                    pep0050.material,dtpesq,0)

        **_RI_HEADER!@ Do NOT REMOVE or
        MODIFY this line!!! @!_RI_HEADER**
        procedure RIDELETE
            * ridelete.prg
            LOCAL llRetVal
            llRetVal=.T.
            IF (UPPER(SYS(2011))="RECORD
            LOCKED" and !deleted()) OR !RLOCK()
                llRetVal=.f.
            ELSE
                IF !deleted()
                    DELETE
                    UNLOCK RECORD (RECNO())
                    llRetVal=perror=0
                ENDIF NOT already deleted
            ENDIF
            RETURN llRetVal

        procedure RIUPDATE
            * riupdate
            parameters tcFieldName,tcNewValue
            LOCAL llRetVal
            llRetVal=.T.
            IF UPPER(SYS(2011))="RECORD
            LOCKED" OR !RLOCK()
                llRetVal=.f.
            ELSE

```

```

    IF EVAL(tcFieldName)<>tcNewValue
        replace (tcFieldName) with
tcNewValue
    UNLOCK RECORD (RECNO())
    IIRetVal=pnerror=0
    ENDIF NOT already deleted
ENDIF
RETURN IIRetVal

```

```

procedure rrierror
parameters
tnErrNo,tcMessage,tcCode,tcProgram
LOCAL lnErrorRows,lnXX
lnErrorRows=ALEN(gaErrors,1)
IF TYPE('gaErrors[lnErrorRows,1]')<>"L"
    DIMENSION
gaErrors[lnErrorRows+1,alen(gaErrors,2)]
    lnErrorRows=lnErrorRows+1
ENDIF
gaErrors[lnErrorRows,1]=tnErrNo
gaErrors[lnErrorRows,2]=tcMessage
gaErrors[lnErrorRows,3]=tcCode
gaErrors[lnErrorRows,4]=" "
lnXX=1
do while !empty(PROGRAM(lnXX))

```

```

gaErrors[lnErrorRows,4]=gaErrors[lnErrorRows,4]+", ";
    PROGRAM(lnXX)
    lnXX=lnXX+1
enddo

```

```

gaErrors[lnErrorRows,5]=pcParentDBF
gaErrors[lnErrorRows,6]=pnParentRec
gaErrors[lnErrorRows,7]=pcParentID
gaErrors[lnErrorRows,8]=pcParentExpr
gaErrors[lnErrorRows,9]=pcChildDBF
gaErrors[lnErrorRows,10]=pnChildRec
gaErrors[lnErrorRows,11]=pcChildID
gaErrors[lnErrorRows,12]=pcChildExpr
*=messagebox(str(tnErrNo)+"
"+tcMessage+chr(13)+tcCode+chr(13)+tcProgram)
RETURN tnErrNo

```

```

procedure riopen
parameters tcTable,tcOrder
LOCAL
lcCurWkArea,lcNewWkArea,lnInUseSpot

```

```

lnInUseSpot=ATC(tcTable+"*",pcRcursors)
IF lnInUseSpot=0
    lcCurWkArea=SELECT()
    SELECT 0
    lcNewWkArea=SELECT()
    IF NOT empty(tcOrder)
        use (tcTable) AGAIN Order (tcOrder)
    ;

```

```

Alias
("__ri"+LTRIM(STR(SELECT())) share
ELSE
    use (tcTable) AGAIN Alias
("__ri"+LTRIM(STR(SELECT())) share
ENDIF
IF pnerror=0

```

```

pcRcursors=pcRcursors+UPPER(tcTable)+"?"+STR(SELECT(),5)
ELSE
    lcNewWkArea=0
    ENDIF something bad happened while
attempting to OPEN the file
ELSE

```

```

lcNewWkArea=VAL(SUBSTR(pcRcursors,lnInUseSpot+LEN(tcTable)+1,5))

```

```

pcRcursors =
STRTRAN(pcRcursors,UPPER(tcTable)+"*"+STR(lcNewWkArea,5);,
UPPER(tcTable)+"?"+STR(lcNewWkArea,5)
)

```

```

IF NOT empty(tcOrder)
    set Order to (tcOrder) IN
(lcNewWkArea)
ENDIF sent an Order
IF pnerror<>0
    lcNewWkArea=0
    ENDIF something bad happened while
setting Order
ENDIF
RETURN (lcNewWkArea)

```

```

procedure riend
parameters tlSuccess
LOCAL lnXX,lnSpot,lcWorkArea
IF tlSuccess
    END TRANSACTION
ELSE
    set deleted off
    ROLLBACK
    set deleted on
ENDIF
IF empty(pcRcursors)
    on Error
ELSE
    on Error &pcRcursors.
ENDIF
FOR lnXX=1 to
OCCURS(" ",pcRcursors)
    lnSpot=ATC(" ",pcRcursors,lnXX)+1
    use IN
(VAL(SUBSTR(pcRcursors,lnSpot,5)))
ENDIFOR
IF pcOldDele="OFF"
    set deleted off
ENDIF
IF pcOldExact="ON"
    set EXACT on
ENDIF
IF pcOldTalk="ON"
    set talk on
ENDIF
RETURN .T.

```

```

procedure rireuse
* rireuse.prg
parameters tcTableName,tcWkArea
pcRcursors =
STRTRAN(pcRcursors,UPPER(tcTableName)
e)+"?"+STR(tcWkArea,5);,
UPPER(tcTableName)+"*"+STR(tcWkArea,
5))
RETURN .T.

```

```

*****
procedure __RI_UPDATE_che0010
** Referential integrity update trigger for
che0010
LOCAL IIRetVal
IIRetVal = .T.
IF _triggerlevel=1
    BEGIN TRANSACTION
private
pcRcursors,pcRIWkareas,pcRIolderror,pnerror,;
    pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")

```

```

set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRcursors=""
pcRIWkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rrierror(Error(),MESSAGE(),MESSAGE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
    release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private

```

```

pcParentDBF,pnParentRec,pcChildDBF,pnChildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChildID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
IIRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
    SELECT (lcChildWkArea)
    lcChildID=equipamento

```

```

lcOldChildID=OLDVAL("EQUIPAMENTO")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="EQUIPAMENTO"
IF lcChildID<>lcOldChildID

```

```

lcParentWkArea=riopen("eqp0040","iequip")
IF lcParentWkArea<=0
    IF _triggerlevel=1
        do riend with .f.
    ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)

```

```

IIRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0040",lcParentWkArea)
IF NOT IIRetVal
    do rrierror with -1,"Insert restrict
rule violated.",",",;
IF _triggerlevel=1
    do riend with IIRetVal
ENDIF AT the END of the highest
trigger level

```

```

        SELECT (lcStartArea)
        RETURN lRetVal
    ENDIF no Parent
    ENDIF this Value was changed
    ENDIF NOT part of a cascade
    lcParentWkArea=lcChildWkArea
    IF _triggerlevel=1
        do riend with lRetVal
    ENDIF AT the END of the highest trigger
    level
    SELECT (lcStartArea)
    RETURN lRetVal
    ** End of Referential integrity Update
trigger for che0010
*****

*****
** Referential integrity insert trigger for
che0010
procedure __RI_INSERT_che0010
    LOCAL lRetVal
    lRetVal = .T.
    IF _triggerlevel=1
        BEGIN TRANSACTION
        private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
        pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRcursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
    IF TYPE('gaErrors(1)')<>"U"
        release gaErrors
    ENDIF
    PUBLIC gaErrors(1,12)
    ENDIF first trigger
    private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
    private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
    LOCAL lcChildID && child's value to be
sought in parent
    LOCAL lcParentWkArea && parentwork
area handle returned by riopen
    LOCAL lcChildWkArea && child's work
area
    LOCAL lcStartArea
lcStartArea=SELECT()
lRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)
lcChildID=equipamento
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="EQUIPAMENTO"

lcParentWkArea=riopen("eqp0040","iequip")
IF lcParentWkArea<=0
    IF _triggerlevel=1
do riend with lRetVal
    ENDIF AT the END of the highest trigger
    level
    SELECT (lcStartArea)
    RETURN lRetVal
    ** End of Referential integrity insert
trigger for che0010
*****

*****
procedure __RI_UPDATE_che0020
    ** Referential integrity update trigger for
che0020
    LOCAL lRetVal
    lRetVal = .T.
    IF _triggerlevel=1
        BEGIN TRANSACTION
        private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
        pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRcursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
    IF TYPE('gaErrors(1)')<>"U"
        release gaErrors
    ENDIF
    PUBLIC gaErrors(1,12)
    ENDIF first trigger
    private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
    private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
    LOCAL lcParentID && parent's value to
be sought in child
    LOCAL lcOldParentID && previous
parent id value
do riend with .f.
    ENDIF AT the END of the highest
trigger level
    SELECT (lcStartArea)
    RETURN .f.
    ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

lRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0040",lcParentWkArea)
IF NOT lRetVal
do rierror with -1,"Insert restrict rule
violated.", "", ""
    IF _triggerlevel=1
        do riend with lRetVal
    ENDIF AT the END of the highest
trigger level
    SELECT (lcStartArea)
    RETURN lRetVal
    ENDIF
    IF _triggerlevel=1
        do riend with lRetVal
    ENDIF AT the END of the highest trigger
    level
    SELECT (lcStartArea)
    RETURN lRetVal
    ** End of Referential integrity insert
trigger for che0010
*****

*****
procedure __RI_UPDATE_che0020
    ** Referential integrity update trigger for
che0020
    LOCAL lRetVal
    lRetVal = .T.
    IF _triggerlevel=1
        BEGIN TRANSACTION
        private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
        pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRcursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
    IF TYPE('gaErrors(1)')<>"U"
        release gaErrors
    ENDIF
    PUBLIC gaErrors(1,12)
    ENDIF first trigger
    private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
    private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
    LOCAL lcParentID && parent's value to
be sought in child
    LOCAL lcOldParentID && previous
parent id value
do riend with .f.
    ENDIF AT the END of the highest
trigger level
    SELECT (lcStartArea)
    RETURN lRetVal
    ENDIF no Parent
    ENDIF this Value was changed
    SELECT (lcChildWkArea)
lcChildID=material

lcOldChildID=OLDVAL("MATERIAL")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="MATERIAL"
IF lcChildID<>lcOldChildID

lcParentWkArea=riopen("mat0020","imateria
l")
    IF lcParentWkArea<=0
        IF _triggerlevel=1
            do riend with .f.
        ENDIF AT the END of the highest
trigger level
        SELECT (lcStartArea)
        RETURN .f.
        ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)

lRetVal=SEEK(lcChildID,lcParentWkArea)

```

```

pnParentRec=RECNO(lcParentWkArea)
=rreuse("mat0020",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict
rule violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed
ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Update
trigger for che0020

*****

*****

** Referential integrity insert trigger for
che0020
procedure __RI_INSERT_che0020
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcChildWkArea && child's work
area
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()

SELECT (lcChildWkArea)
lcChildID=equipamento
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="EQUIPAMENTO"

lcParentWkArea=riopen("eqp0040","iequip")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rreuse("eqp0040",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict rule
violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
SELECT (lcChildWkArea)
lcChildID=material
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="MATERIAL"

lcParentWkArea=riopen("mat0020","imateria
l")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rreuse("mat0020",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict rule
violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity insert
trigger for che0020

*****

*****

** Referential integrity delete trigger for
eqp0010
procedure __RI_DELETE_eqp0010
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcParentWkArea
LOCAL llDelHeaderarea
lcStartArea=SELECT()
llRetVal=.T.
lcParentWkArea=SELECT()
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store classe to lcParentID,pcParentID
pcParentExpr="CLASSE"

lcChildWkArea=riopen("eqp0020","iiclasse")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

llRetVal=!SEEK(lcParentID,lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=classe
pcChildExpr="CLASSE"
IF !llRetVal
do rierror with -1,"Delete restrict rule
violated.",",",""
ENDIF
=rreuse("eqp0020",lcChildWkArea)
IF NOT llRetVal

```



```

IF _triggerlevel=1
do riend with IIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store classe to lcParentID,pcParentID
pcParentExpr="CLASSE"

lcChildWkArea=riopen("eqp0040","iclasse")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

IIRetVal=!SEEK(lcParentID,lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=classe
pcChildExpr="CLASSE"
IF !IIRetVal
do rierror with -1,"Delete restrict rule
violated.",",",""
ENDIF
=rireuse("eqp0040",lcChildWkArea)
IF NOT IIRetVal
IF _triggerlevel=1
do riend with IIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF
IF _triggerlevel=1
do riend with IIRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN IIRetVal
** End of Referential integrity Delete
trigger for eqp0010

*****

procedure __RI_UPDATE_eqp0010
** Referential integrity update trigger for
eqp0010
LOCAL IIRetVal
IIRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
pcParentID=lcOldParentID
pcParentExpr="CLASSE"
lcParentID=classe
IF lcParentID<>lcOldParentID
lcChildWkArea=riopen("eqp0040")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
set Order to iclasse IN (lcChildWkArea)

IIRetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
pnChildRec=RECNO()
pcChildID=classe
pcChildExpr="CLASSE"
IF !IIRetVal
do rierror with -1,"Update restrict rule
violated.",",",""
ENDIF
=rireuse("eqp0020",lcChildWkArea)
IF NOT IIRetVal
IF _triggerlevel=1
do riend with IIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF this Parent ID changed
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
lcOldParentID=OLDVAL("CLASSE")
pcParentID=lcOldParentID
pcParentExpr="CLASSE"
lcParentID=classe
IF lcParentID<>lcOldParentID
lcChildWkArea=riopen("eqp0020")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
set Order to iiclasse IN (lcChildWkArea)

IIRetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
pnChildRec=RECNO()
pcChildID=classe
pcChildExpr="CLASSE"
IF !IIRetVal
do rierror with -1,"Update restrict rule
violated.",",",""
ENDIF
=rireuse("eqp0020",lcChildWkArea)
IF NOT IIRetVal
IF _triggerlevel=1
do riend with IIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF this Parent ID changed
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
lcOldParentID=OLDVAL("CLASSE")
pcParentID=lcOldParentID
pcParentExpr="CLASSE"
lcParentID=classe
IF lcParentID<>lcOldParentID
lcChildWkArea=riopen("eqp0040")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
set Order to iclasse IN (lcChildWkArea)

IIRetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
pnChildRec=RECNO()
pcChildID=classe
pcChildExpr="CLASSE"
IF !IIRetVal
do rierror with -1,"Update restrict rule
violated.",",",""
ENDIF
=rireuse("eqp0040",lcChildWkArea)
IF NOT IIRetVal
IF _triggerlevel=1
do riend with IIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF this Parent ID changed
IF _triggerlevel=1
do riend with IIRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN IIRetVal
** End of Referential integrity Update
trigger for eqp0010

*****

** Referential integrity delete trigger for
eqp0020
procedure __RI_DELETE_eqp0020
LOCAL IIRetVal
IIRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF

```

```

PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF, pnParentRec, pcChildDBF, pnChildRec, pcParentID, pcChildID
private pcParentExpr, pcChildExpr
store "" to
pcParentDBF, pcChildDBF, pcParentID, pcChildID, pcParentExpr, pcChildExpr
store 0 to pnParentRec, pnChildRec
LOCAL lcParentID && parent's value to be sought in child
LOCAL lcChildWkArea && child work area handle returned by riopen
LOCAL lcParentWkArea
LOCAL lIDelHeaderarea
lcStartArea=SELECT()
lIRetVal=.T.
lcParentWkArea=SELECT()
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store classe+linha to
lcParentID, pcParentID
pcParentExpr="CLASSE+LINHA"

lcChildWkArea=riopen("eqp0030", "iclass_li
n")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)
SELECT (lcChildWkArea)
SEEK lcParentID
scan while classe+linha=lcParentID and
lIRetVal
pnChildRec=RECNO()
pcChildID=classe+linha
pcChildExpr="CLASSE+LINHA"
lIRetVal=RIDELETE()
endscan get ALL of the Eqp0030 records
=rireuse("eqp0030", lcChildWkArea)
IF NOT lIRetVal
IF _triggerlevel=1
do riend with lIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN lIRetVal
ENDIF
IF _triggerlevel=1
do riend with lIRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN lIRetVal
** End of Referential integrity Delete
trigger for eqp0020

*****

procedure __RI_UPDATE_eqp0020
** Referential integrity update trigger for
eqp0020
LOCAL lIRetVal
lIRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION

```

```

private
pcRcursors, pcRIwkareas, pcRIolderror, pnerr
or,;
pcOldDele, pcOldExact, pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRcursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF, pnParentRec, pcChildDBF, pnC
hildRec, pcParentID, pcChildID
private pcParentExpr, pcChildExpr
store "" to
pcParentDBF, pcChildDBF, pcParentID, pcChi
ldID, pcParentExpr, pcChildExpr
store 0 to pnParentRec, pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
lIRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
SELECT (lcChildWkArea)
lcChildID=classe
lcOldChildID=OLDVAL("CLASSE")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="CLASSE"
IF lcChildID<>lcOldChildID
lcParentWkArea=riopen("eqp0010", "iclass")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)
lIRetVal=SEEK(lcChildID, lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0010", lcParentWkArea)
IF NOT lIRetVal
do rierror with -1, "Insert restrict
rule violated.", "", ""
IF _triggerlevel=1

```

```

do riend with lIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN lIRetVal
ENDIF no Parent
ENDIF this Value was changed
ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
lcOldParentID=OLDVAL("CLASSE+LINH
A")
pcParentID=lcOldParentID
pcParentExpr="CLASSE+LINHA"
lcParentID=classe+linha
IF lcParentID<>lcOldParentID
lcChildWkArea=riopen("eqp0030")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
SELECT (lcChildWkArea)
scan FOR classe+linha=lcOldParentID
pnChildRec=RECNO()
pcChildID=classe+linha
pcChildExpr="CLASSE+LINHA"
lIRetVal=RIUPDATE("CLASSE+LINHA", lc
ParentID)
endscan get ALL of the Eqp0030
records
=rireuse("eqp0030", lcChildWkArea)
IF NOT lIRetVal
IF _triggerlevel=1
do riend with lIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN lIRetVal
ENDIF
ENDIF this Parent ID changed
IF _triggerlevel=1
do riend with lIRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN lIRetVal
** End of Referential integrity Update
trigger for eqp0020

*****

** Referential integrity insert trigger for
eqp0020
procedure __RI_INSERT_eqp0020
LOCAL lIRetVal
lIRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRcursors, pcRIwkareas, pcRIolderror, pnerr
or,;
pcOldDele, pcOldExact, pcOldTalk
pcOldTalk=set("TALK")
set talk off

```



```

llRetVal = .T.
IF _triggerlevel=1
  BEGIN TRANSACTION
  private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
  pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
  IF TYPE('gaErrors(1)')<>"U"
    release gaErrors
  ENDIF
  PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
  private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcChildWkArea && child's work
area
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)
lcChildID=classe+linha
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="CLASSE+LINHA"

lcParentWkArea=riopen("eqp0020","ichave")
IF lcParentWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0020",lcParentWkArea)
IF NOT llRetVal
  do rierror with -1,"Insert restrict rule
violated.",",",""
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN llRetVal
ENDIF
SELECT (lcChildWkArea)

lcChildID=equipamento
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="EQUIPAMENTO"

lcParentWkArea=riopen("eqp0040","iequip")
IF lcParentWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0040",lcParentWkArea)
IF NOT llRetVal
  do rierror with -1,"Insert restrict rule
violated.",",",""
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN llRetVal
ENDIF
IF _triggerlevel=1
  do riend with llRetVal
ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN llRetVal
ENDIF
IF _triggerlevel=1
  do riend with llRetVal
ENDIF AT the END of the highest trigger
level
  SELECT (lcStartArea)
  RETURN llRetVal
** End of Referential integrity insert
trigger for eqp0030
*****
*****
** Referential integrity delete trigger for
eqp0040
procedure __RI_DELETE_eqp0040
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
  BEGIN TRANSACTION
  private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
  pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
  IF TYPE('gaErrors(1)')<>"U"
    release gaErrors
  ENDIF
  PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
  private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcChildWkArea && child's work
area
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)
lcChildID=classe+linha
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="EQUIPAMENTO"

private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcParentWkArea
LOCAL llDelHeaderarea
lcStartArea=SELECT()
llRetVal=.T.
lcParentWkArea=SELECT()
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store equipamento to
lcParentID,pcParentID
pcParentExpr="EQUIPAMENTO"

lcChildWkArea=riopen("eqp0030","iequip")
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)
SELECT (lcChildWkArea)
SEEK lcParentID
scan while equipamento=lcParentID and
llRetVal
  pnChildRec=RECNO()
pcChildID=equipamento
pcChildExpr="EQUIPAMENTO"
llRetVal=RIDELETE()
endscan get ALL of the Eqp0030 records
=rireuse("eqp0030",lcChildWkArea)
IF NOT llRetVal
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN llRetVal
ENDIF
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store equipamento to
lcParentID,pcParentID
pcParentExpr="EQUIPAMENTO"

lcChildWkArea=riopen("eqp0050","icomp")
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

llRetVal=!SEEK(lcParentID,lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=componente
pcChildExpr="COMPONENTE"
IF !llRetVal
  do rierror with -1,"Delete restrict rule
violated.",",",""
  ENDIF

```



```

do riend with .f.
ENDIF AT the END of the highest
trigger level
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)
llRetVal=!SEEK(lcParentID,lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=equipamento
pcChildExpr="EQUIPAMENTO"
IF !llRetVal
do rierror with -1,"Delete restrict rule
violated.",",",""
ENDIF
=rireuse("ser0020",lcChildWkArea)
IF NOT llRetVal
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Delete
trigger for eqp0040
*****
*****
procedure __RI_UPDATE_eqp0040
** Referential integrity update trigger for
eqp0040
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec

```

```

LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
SELECT (lcChildWkArea)
lcChildID=fabricante
lcOldChildID=OLDVAL("FABRICANTE")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="FABRICANTE"
IF lcChildID<>lcOldChildID
lcParentWkArea=riopen("eqp0041","ifabric")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)
llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0041",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict
rule violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed
SELECT (lcChildWkArea)
lcChildID=classe
lcOldChildID=OLDVAL("CLASSE")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="CLASSE"
IF lcChildID<>lcOldChildID
lcParentWkArea=riopen("eqp0010","iclasse")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)
llRetVal=SEEK(lcChildID,lcParentWkArea)

```

```

pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0010",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict
rule violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed
ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
lcOldParentID=OLDVAL("EQUIPAMENTO")
pcParentID=lcOldParentID
pcParentExpr="EQUIPAMENTO"
lcParentID=equipamento
IF lcParentID<>lcOldParentID
lcChildWkArea=riopen("eqp0030")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
SELECT (lcChildWkArea)
scan FOR equipamento=lcOldParentID
pnChildRec=RECNO()
pcChildID=equipamento
pcChildExpr="EQUIPAMENTO"
llRetVal=RIUPDATE("EQUIPAMENTO",lc
ParentID)
endscan get ALL of the Eqp0030
records
=rireuse("eqp0030",lcChildWkArea)
IF NOT llRetVal
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
ENDIF this Parent ID changed
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
lcOldParentID=OLDVAL("EQUIPAMENTO")
pcParentID=lcOldParentID
pcParentExpr="EQUIPAMENTO"
lcParentID=equipamento
IF lcParentID<>lcOldParentID
lcChildWkArea=riopen("eqp0050")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.

```

```

    ENDIF NOT able to OPEN the child
work area
    pcChildDBF=dbf(lcChildWkArea)
    set Order to icomp IN (lcChildWkArea)

!!RetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
    pnChildRec=RECNO()
    pcChildID=componente
    pcChildExpr="COMPONENTE"
    IF !!RetVal
        do rierror with -1,"Update restrict rule
violated.", "", ""
    ENDIF
    =rireuse("eqp0050",lcChildWkArea)
    IF NOT !!RetVal
        IF _triggerlevel=1
            do riend with !!RetVal
        ENDIF AT the END of the highest
trigger level
        SELECT (lcStartArea)
        RETURN !!RetVal
    ENDIF
    ENDIF this Parent ID changed
    SELECT (lcParentWkArea)
    pcParentDBF=dbf()
    pnParentRec=RECNO()

lcOldParentID=OLDVAL("EQUIPAMENTO
")
    pcParentID=lcOldParentID
    pcParentExpr="EQUIPAMENTO"
    lcParentID=equipamento
    IF lcParentID<>lcOldParentID
        lcChildWkArea=riopen("eqp0050")
        IF lcChildWkArea<=0
            IF _triggerlevel=1
                do riend with .f.
            ENDIF AT the END of the highest
trigger level
            SELECT (lcStartArea)
            RETURN .f.
        ENDIF NOT able to OPEN the child
work area
        pcChildDBF=dbf(lcChildWkArea)
        set Order to iequip IN (lcChildWkArea)

!!RetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
    pnChildRec=RECNO()
    pcChildID=equipamento
    pcChildExpr="EQUIPAMENTO"
    IF !!RetVal
        do rierror with -1,"Update restrict rule
violated.", "", ""
    ENDIF
    =rireuse("eqp0050",lcChildWkArea)
    IF NOT !!RetVal
        IF _triggerlevel=1
            do riend with !!RetVal
        ENDIF AT the END of the highest
trigger level
        SELECT (lcStartArea)
        RETURN !!RetVal
    ENDIF
    ENDIF this Parent ID changed
    SELECT (lcParentWkArea)
    pcParentDBF=dbf()
    pnParentRec=RECNO()

lcOldParentID=OLDVAL("EQUIPAMENTO
")
    pcParentID=lcOldParentID
    pcParentExpr="EQUIPAMENTO"
    lcParentID=equipamento
    IF lcParentID<>lcOldParentID
        lcChildWkArea=riopen("pep0030")
        IF lcChildWkArea<=0
            IF _triggerlevel=1
                do riend with .f.
            ENDIF AT the END of the highest
trigger level
            SELECT (lcStartArea)
            RETURN .f.
        ENDIF NOT able to OPEN the child
work area
        pcChildDBF=dbf(lcChildWkArea)
        set Order to eqp IN (lcChildWkArea)

!!RetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
    pnChildRec=RECNO()
    pcChildID=equipamento
    pcChildExpr="EQUIPAMENTO"
    IF !!RetVal
        do rierror with -1,"Update restrict rule
violated.", "", ""
    ENDIF
    =rireuse("pep0030",lcChildWkArea)
    IF NOT !!RetVal
        IF _triggerlevel=1
            do riend with !!RetVal
        ENDIF AT the END of the highest
trigger level
        SELECT (lcStartArea)
        RETURN !!RetVal
    ENDIF
    ENDIF this Parent ID changed
    SELECT (lcParentWkArea)
    pcParentDBF=dbf()
    pnParentRec=RECNO()

lcOldParentID=OLDVAL("EQUIPAMENTO
")
    pcParentID=lcOldParentID
    pcParentExpr="EQUIPAMENTO"
    lcParentID=equipamento
    IF lcParentID<>lcOldParentID
        lcChildWkArea=riopen("pep0020")
        IF lcChildWkArea<=0
            IF _triggerlevel=1
                do riend with .f.
            ENDIF AT the END of the highest
trigger level
            SELECT (lcStartArea)
            RETURN .f.
        ENDIF NOT able to OPEN the child
work area
        pcChildDBF=dbf(lcChildWkArea)
        set Order to eqp IN (lcChildWkArea)

!!RetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
    pnChildRec=RECNO()
    pcChildID=equipamento
    pcChildExpr="EQUIPAMENTO"
    IF !!RetVal
        do rierror with -1,"Update restrict rule
violated.", "", ""
    ENDIF
    =rireuse("pep0020",lcChildWkArea)
    IF NOT !!RetVal
        IF _triggerlevel=1
            do riend with !!RetVal
        ENDIF AT the END of the highest
trigger level
        SELECT (lcStartArea)
        RETURN !!RetVal
    ENDIF
    ENDIF this Parent ID changed
    SELECT (lcParentWkArea)
    pcParentDBF=dbf()

pnParentRec=RECNO()
lcOldParentID=OLDVAL("EQUIPAMENTO
")
    pcParentID=lcOldParentID
    pcParentExpr="EQUIPAMENTO"
    lcParentID=equipamento
    IF lcParentID<>lcOldParentID
        lcChildWkArea=riopen("che0010")
        IF lcChildWkArea<=0
            IF _triggerlevel=1
                do riend with .f.
            ENDIF AT the END of the highest
trigger level
            SELECT (lcStartArea)
            RETURN .f.
        ENDIF NOT able to OPEN the child
work area
        pcChildDBF=dbf(lcChildWkArea)
        set Order to eqp IN (lcChildWkArea)

!!RetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
    pnChildRec=RECNO()
    pcChildID=equipamento
    pcChildExpr="EQUIPAMENTO"
    IF !!RetVal
        do rierror with -1,"Update restrict rule
violated.", "", ""
    ENDIF
    =rireuse("che0010",lcChildWkArea)
    IF NOT !!RetVal
        IF _triggerlevel=1
            do riend with !!RetVal
        ENDIF AT the END of the highest
trigger level
        SELECT (lcStartArea)
        RETURN !!RetVal
    ENDIF
    ENDIF this Parent ID changed
    SELECT (lcParentWkArea)
    pcParentDBF=dbf()
    pnParentRec=RECNO()

lcOldParentID=OLDVAL("EQUIPAMENTO
")
    pcParentID=lcOldParentID
    pcParentExpr="EQUIPAMENTO"
    lcParentID=equipamento
    IF lcParentID<>lcOldParentID
        lcChildWkArea=riopen("che0020")
        IF lcChildWkArea<=0
            IF _triggerlevel=1
                do riend with .f.
            ENDIF AT the END of the highest
trigger level
            SELECT (lcStartArea)
            RETURN .f.
        ENDIF NOT able to OPEN the child
work area
        pcChildDBF=dbf(lcChildWkArea)
        set Order to eqp IN (lcChildWkArea)

!!RetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
    pnChildRec=RECNO()
    pcChildID=equipamento
    pcChildExpr="EQUIPAMENTO"
    IF !!RetVal
        do rierror with -1,"Update restrict rule
violated.", "", ""
    ENDIF
    =rireuse("che0020",lcChildWkArea)
    IF NOT !!RetVal
        IF _triggerlevel=1
            do riend with !!RetVal
        ENDIF AT the END of the highest
trigger level
            SELECT (lcStartArea)
            RETURN .f.
        ENDIF NOT able to OPEN the child
work area
        pcChildDBF=dbf(lcChildWkArea)
        set Order to eqp IN (lcChildWkArea)

!!RetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
    pnChildRec=RECNO()
    pcChildID=equipamento
    pcChildExpr="EQUIPAMENTO"
    IF !!RetVal
        do rierror with -1,"Update restrict rule
violated.", "", ""
    ENDIF
    =rireuse("che0020",lcChildWkArea)
    IF NOT !!RetVal
        IF _triggerlevel=1
            do riend with !!RetVal
        ENDIF AT the END of the highest
trigger level
            SELECT (lcStartArea)
            RETURN .f.
        ENDIF NOT able to OPEN the child
work area
        pcChildDBF=dbf(lcChildWkArea)
        set Order to eqp IN (lcChildWkArea)

```

```

        ENDIF AT the END of the highest
trigger level
        SELECT (lcStartArea)
        RETURN llRetVal
    ENDIF
    ENDIF this Parent ID changed
    SELECT (lcParentWkArea)
    pcParentDBF=dbf()
    pnParentRec=RECNO()

lcOldParentID=OLDVAL("EQUIPAMENTO
")
    pcParentID=lcOldParentID
    pcParentExpr="EQUIPAMENTO"
    lcParentID=equipamento
    IF lcParentID<>lcOldParentID
        lcChildWkArea=riopen("ser0020")
        IF lcChildWkArea<=0
            IF _triggerlevel=1
                do riend with .f.
            ENDIF AT the END of the highest
trigger level
            SELECT (lcStartArea)
            RETURN .f.
        ENDIF NOT able to OPEN the child
work area
        pcChildDBF=dbf(lcChildWkArea)
        set Order to IEQP IN (lcChildWkArea)

llRetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
    pnChildRec=RECNO()
    pcChildID=equipamento
    pcChildExpr="EQUIPAMENTO"
    IF !!llRetVal
        do rierror with -1,"Update restrict rule
violated.",",",""
    ENDIF
    =rireuse("ser0020",lcChildWkArea)
    IF NOT llRetVal
        IF _triggerlevel=1
            do riend with llRetVal
        ENDIF AT the END of the highest
trigger level
        SELECT (lcStartArea)
        RETURN llRetVal
    ENDIF
    ENDIF this Parent ID changed
    IF _triggerlevel=1
        do riend with llRetVal
    ENDIF AT the END of the highest trigger
level
    SELECT (lcStartArea)
    RETURN llRetVal
    ** End of Referential integrity Update
trigger for eqp0040

*****

*****
** Referential integrity insert trigger for
eqp0040
procedure __RI_INSERT_eqp0040
    LOCAL llRetVal
    llRetVal = .T.
    IF _triggerlevel=1
        BEGIN TRANSACTION
        private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
        pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
        set talk off
        pcOldDele=set("DELETED")
        pcOldExact=set("EXACT")

```

```

        set deleted on
        set EXACT off
        pcRlCursors=""
        pcRIwkareas=""
        pcRIolderror=on("error")
        pnerror=0
        on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
        IF TYPE('gaErrors(1)')<>"U"
            release gaErrors
        ENDIF
        PUBLIC gaErrors(1,12)
    ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcChildWkArea && child's work
area
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)
lcChildID=fabricante
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="FABRICANTE"

lcParentWkArea=riopen("eqp0041","ifabric")
IF lcParentWkArea<=0
    IF _triggerlevel=1
        do riend with .f.
    ENDIF AT the END of the highest
trigger level
    SELECT (lcStartArea)
    RETURN .f.
    ENDIF NOT able to OPEN the child work
area
    pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0041",lcParentWkArea)
IF NOT llRetVal
    do rierror with -1,"Insert restrict rule
violated.",",",""
    IF _triggerlevel=1
        do riend with llRetVal
    ENDIF AT the END of the highest
trigger level
    SELECT (lcStartArea)
    RETURN llRetVal
    ENDIF
    SELECT (lcChildWkArea)
    lcChildID=classe
    pcChildDBF=dbf(lcChildWkArea)
    pnChildRec=RECNO(lcChildWkArea)
    pcChildID=lcChildID
    pcChildExpr="CLASSE"

lcParentWkArea=riopen("eqp0010","iclasse")
IF lcParentWkArea<=0
    IF _triggerlevel=1
        do riend with .f.

```

```

        ENDIF AT the END of the highest
trigger level
        SELECT (lcStartArea)
        RETURN .f.
    ENDIF NOT able to OPEN the child work
area
    pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0010",lcParentWkArea)
IF NOT llRetVal
    do rierror with -1,"Insert restrict rule
violated.",",",""
    IF _triggerlevel=1
        do riend with llRetVal
    ENDIF AT the END of the highest
trigger level
    SELECT (lcStartArea)
    RETURN llRetVal
    ENDIF
    IF _triggerlevel=1
        do riend with llRetVal
    ENDIF AT the END of the highest trigger
level
    SELECT (lcStartArea)
    RETURN llRetVal
    ** End of Referential integrity insert
trigger for eqp0040

*****

*****
** Referential integrity delete trigger for
eqp0041
procedure __RI_DELETE_eqp0041
    LOCAL llRetVal
    llRetVal = .T.
    IF _triggerlevel=1
        BEGIN TRANSACTION
        private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
        pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
        set talk off
        pcOldDele=set("DELETED")
        pcOldExact=set("EXACT")
        set deleted on
        set EXACT off
        pcRlCursors=""
        pcRIwkareas=""
        pcRIolderror=on("error")
        pnerror=0
        on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
        IF TYPE('gaErrors(1)')<>"U"
            release gaErrors
        ENDIF
        PUBLIC gaErrors(1,12)
    ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcParentWkArea

```



```

LOCAL lIDelHeaderarea
lcStartArea=SELECT()
lIRetVal=.T.
lcParentWkArea=SELECT()
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store fabricante to lcParentID,pcParentID
pcParentExpr="FABRICANTE"

lcChildWkArea=riopen("eqp0040","ifabrican
t")
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

lIRetVal=!SEEK(lcParentID,lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=fabricante
pcChildExpr="FABRICANTE"
IF !lIRetVal
  do rierror with -1,"Delete restrict rule
violated.",",",""
ENDIF
=rireuse("eqp0040",lcChildWkArea)
IF NOT lIRetVal
  IF _triggerlevel=1
    do riend with lIRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN lIRetVal
ENDIF
IF _triggerlevel=1
  do riend with lIRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN lIRetVal
** End of Referential integrity Delete
trigger for eqp0041

*****

*****
procedure __RI_UPDATE_eqp0041
** Referential integrity update trigger for
eqp0041
LOCAL lIRetVal
lIRetVal = .T.
IF _triggerlevel=1
  BEGIN TRANSACTION
  private
pcRCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
  pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)'<>"U"
  release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
lIRetVal=.T.
lcParentWkArea=SELECT()
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()

lcOldParentID=OLDVAL("FABRICANTE")
pcParentID=lcOldParentID
pcParentExpr="FABRICANTE"
lcParentID=fabricante
IF lcParentID<>lcOldParentID
  lcChildWkArea=riopen("eqp0040")
  IF lcChildWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
    SELECT (lcStartArea)
    RETURN .f.
  ENDIF NOT able to OPEN the child
work area
  pcChildDBF=dbf(lcChildWkArea)
  set Order to ifabricant IN
(lcChildWkArea)

lIRetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
pnChildRec=RECNO()
pcChildID=fabricante
pcChildExpr="FABRICANTE"
IF !lIRetVal
  do rierror with -1,"Update restrict rule
violated.",",",""
ENDIF
=rireuse("eqp0040",lcChildWkArea)
IF NOT lIRetVal
  IF _triggerlevel=1
    do riend with lIRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN lIRetVal
ENDIF
ENDIF this Parent ID changed
IF _triggerlevel=1
  do riend with lIRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN lIRetVal
** End of Referential integrity Update
trigger for eqp0041

*****

*****
procedure __RI_UPDATE_eqp0050
** Referential integrity update trigger for
eqp0050
LOCAL lIRetVal
lIRetVal = .T.
IF _triggerlevel=1
  BEGIN TRANSACTION
  private
pcRCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
  pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)'<>"U"
  release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
lIRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
  SELECT (lcChildWkArea)
  lcChildID=componente
lcOldChildID=OLDVAL("COMPONENTE"
)
  pcChildDBF=dbf(lcChildWkArea)
  pnChildRec=RECNO(lcChildWkArea)
  pcChildID=lcOldChildID
  pcChildExpr="COMPONENTE"
  IF lcChildID<>lcOldChildID

```

```

lcParentWkArea=riopen("eqp0040","iequip")
  IF lcParentWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN .f.
  ENDIF NOT able to OPEN the child
work area
  pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)

pnParentRec=RECNO(lcParentWkArea)
=rreuse("eqp0040",lcParentWkArea)
IF NOT llRetVal
  do rierror with -1,"Insert restrict
rule violated.", "", ""
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN llRetVal
  ENDIF no Parent
  ENDIF this Value was changed
  SELECT (lcChildWkArea)
  lcChildID=equipamento

lcOldChildID=OLDVAL("EQUIPAMENTO
")
  pcChildDBF=dbf(lcChildWkArea)
  pnChildRec=RECNO(lcChildWkArea)
  pcChildID=lcOldChildID
  pcChildExpr="EQUIPAMENTO"
  IF lcChildID<>lcOldChildID

lcParentWkArea=riopen("eqp0040","iequip")
  IF lcParentWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN .f.
  ENDIF NOT able to OPEN the child
work area
  pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)

pnParentRec=RECNO(lcParentWkArea)
=rreuse("eqp0040",lcParentWkArea)
IF NOT llRetVal
  do rierror with -1,"Insert restrict
rule violated.", "", ""
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN llRetVal
  ENDIF no Parent
  ENDIF this Value was changed
  ENDIF NOT part of a cascade
  lcParentWkArea=lcChildWkArea
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest trigger
level
  SELECT (lcStartArea)
  RETURN llRetVal
  ** End of Referential integrity Update
trigger for eqp0050

*****
** Referential integrity insert trigger for
eqp0050
procedure __RI_INSERT_eqp0050
  LOCAL llRetVal
  llRetVal = .T.
  IF _triggerlevel=1
    BEGIN TRANSACTION
    private
  pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
    pcOldDele,pcOldExact,pcOldTalk
    pcOldTalk=set("TALK")
    set talk off
    pcOldDele=set("DELETED")
    pcOldExact=set("EXACT")
    set deleted on
    set EXACT off
    pcRlCursors=""
    pcRIwkareas=""
    pcRIolderror=on("error")
    pnerror=0
    on Error
  pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
  IF TYPE('gaErrors(1)'><"U"
    release gaErrors
  ENDIF
  PUBLIC gaErrors(1,12)
  ENDIF first trigger
  private
  pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
  private pcParentExpr,pcChildExpr
  store "" to
  pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
  store 0 to pnParentRec,pnChildRec
  LOCAL lcChildID && child's value to be
sought in parent
  LOCAL lcParentWkArea && parentwork
area handle returned by riopen
  LOCAL lcChildWkArea && child's work
area
  LOCAL lcStartArea
  lcStartArea=SELECT()
  llRetVal=.T.
  lcChildWkArea=SELECT()
  SELECT (lcChildWkArea)
  lcChildID=componente
  pcChildDBF=dbf(lcChildWkArea)
  pnChildRec=RECNO(lcChildWkArea)
  pcChildID=lcChildID
  pcChildExpr="COMPONENTE"

lcParentWkArea=riopen("eqp0040","iequip")
  IF lcParentWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN .f.
  ENDIF NOT able to OPEN the child work
area
  pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rreuse("eqp0040",lcParentWkArea)
IF NOT llRetVal

do rierror with -1,"Insert restrict rule
violated.", "", ""
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN llRetVal
  ENDIF no Parent
  ENDIF this Value was changed
  ENDIF NOT part of a cascade
  lcParentWkArea=lcChildWkArea
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest trigger
level
  SELECT (lcStartArea)
  RETURN llRetVal
  ** End of Referential integrity insert
trigger for eqp0050

*****
** Referential integrity delete trigger for
mao0010
procedure __RI_DELETE_mao0010
  LOCAL llRetVal
  llRetVal = .T.
  IF _triggerlevel=1
    BEGIN TRANSACTION
    private
  pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
    pcOldDele,pcOldExact,pcOldTalk
    pcOldTalk=set("TALK")
    set talk off
    pcOldDele=set("DELETED")
    pcOldExact=set("EXACT")
    set deleted on
    set EXACT off
    pcRlCursors=""
    pcRIwkareas=""
    pcRIolderror=on("error")
    pnerror=0

```

```

on Error
pnerror=rierror(Error(),MESSAGE(),MESSAGE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
  release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcParentWkArea
LOCAL lIdelHeaderarea
lcStartArea=SELECT()
llRetVal=.T.
lcParentWkArea=SELECT()
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store mao_d_obra to
lcParentID,pcParentID
pcParentExpr="MAO_D_OBRA"

lcChildWkArea=riopen("mao0020","imaodeo
bra")
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

llRetVal=!SEEK(lcParentID,lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=mao_d_obra
pcChildExpr="MAO_D_OBRA"
IF !llRetVal
  do rierror with -1,"Delete restrict rule
violated.",",",""
ENDIF
=rireuse("mao0020",lcChildWkArea)
IF NOT llRetVal
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN llRetVal
ENDIF
IF _triggerlevel=1
  do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Delete
trigger for mao0010

*****

*****
procedure __RI_UPDATE_mao0010
** Referential integrity update trigger for
mao0010
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
  BEGIN TRANSACTION
  private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
  pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
  release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcParentWkArea=SELECT()
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()

lcOldParentID=OLDVAL("MAO_D_OBRA
")
pcParentID=lcOldParentID
pcParentExpr="MAO_D_OBRA"
lcParentID=mao_d_obra
IF lcParentID<>lcOldParentID
  lcChildWkArea=riopen("mao0020")
  IF lcChildWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
    SELECT (lcStartArea)
    RETURN .f.
  ENDIF NOT able to OPEN the child
work area
  pcChildDBF=dbf(lcChildWkArea)
  set Order to imaodeobra IN
(lcChildWkArea)
llRetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
  pnChildRec=RECNO()
  pcChildID=mao_d_obra
  pcChildExpr="MAO_D_OBRA"
  IF !llRetVal
    do rierror with -1,"Update restrict rule
violated.",",",""
  ENDIF
  =rireuse("mao0020",lcChildWkArea)
  IF NOT llRetVal
    IF _triggerlevel=1
      do riend with llRetVal
    ENDIF AT the END of the highest
trigger level
    SELECT (lcStartArea)
    RETURN llRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN llRetVal
  ** End of Referential integrity Update
trigger for mao0010

*****

*****
procedure __RI_UPDATE_mao0020
** Referential integrity update trigger for
mao0020
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
  BEGIN TRANSACTION
  private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
  pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
  release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen

```

```

LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
  SELECT (lcChildWkArea)
  lcChildID=mao_d_obra

lcOldChildID=OLDVAL("MAO_D_OBRA"
)
  pcChildDBF=dbf(lcChildWkArea)
  pnChildRec=RECNO(lcChildWkArea)
  pcChildID=lcOldChildID
  pcChildExpr="MAO_D_OBRA"
  IF lcChildID<>lcOldChildID

lcParentWkArea=riopen("mao0010","imaode
obra")
  IF lcParentWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN .f.
  ENDIF NOT able to OPEN the child
work area
  pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)

pnParentRec=RECNO(lcParentWkArea)
=rreuse("mao0010",lcParentWkArea)
IF NOT llRetVal
  do rierror with -1,"Insert restrict
rule violated.",",",""
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN llRetVal
  ENDIF no Parent
  ENDIF this Value was changed
ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
IF _triggerlevel=1
  do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Update
trigger for mao0020

*****

*****
** Referential integrity insert trigger for
mao0020
procedure __RI_INSERT_mao0020
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
  BEGIN TRANSACTION
  private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
  pcOldDele,pcOldExact,pcOldTalk

```

```

pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
  IF TYPE('gaErrors(1)')<>"U"
    release gaErrors
  ENDIF
  PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
  private pcParentExpr,pcChildExpr
  store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
  store 0 to pnParentRec,pnChildRec
  LOCAL lcChildID && child's value to be
sought in parent
  LOCAL lcParentWkArea && parentwork
area handle returned by riopen
  LOCAL lcChildWkArea && child's work
area
  LOCAL lcStartArea
  lcStartArea=SELECT()
  llRetVal=.T.
  lcChildWkArea=SELECT()
  SELECT (lcChildWkArea)
  lcChildID=mao_d_obra
  pcChildDBF=dbf(lcChildWkArea)
  pnChildRec=RECNO(lcChildWkArea)
  pcChildID=lcChildID
  pcChildExpr="MAO_D_OBRA"

lcParentWkArea=riopen("mao0010","imaode
obra")
  IF lcParentWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN .f.
  ENDIF NOT able to OPEN the child work
area
  pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rreuse("mao0010",lcParentWkArea)
IF NOT llRetVal
  do rierror with -1,"Insert restrict rule
violated.",",",""
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN llRetVal
  ENDIF
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest trigger
level
  SELECT (lcStartArea)
  RETURN llRetVal

```

```

** End of Referential integrity insert
trigger for mao0020

*****

*****
** Referential integrity delete trigger for
mat0010
procedure __RI_DELETE_mat0010
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
  BEGIN TRANSACTION
  private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
  pcOldDele,pcOldExact,pcOldTalk
  pcOldTalk=set("TALK")
  set talk off
  pcOldDele=set("DELETED")
  pcOldExact=set("EXACT")
  set deleted on
  set EXACT off
  pcRlCursors=""
  pcRIwkareas=""
  pcRIolderror=on("error")
  pnerror=0
  on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
  IF TYPE('gaErrors(1)')<>"U"
    release gaErrors
  ENDIF
  PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
  private pcParentExpr,pcChildExpr
  store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
  store 0 to pnParentRec,pnChildRec
  LOCAL lcParentID && parent's value to
be sought in child
  LOCAL lcChildWkArea && child work
area handle returned by riopen
  LOCAL lcParentWkArea
  LOCAL llDelHeaderarea
  lcStartArea=SELECT()
  llRetVal=.T.
  lcParentWkArea=SELECT()
  SELECT (lcParentWkArea)
  pcParentDBF=dbf()
  pnParentRec=RECNO()
  store classe_mat to lcParentID,pcParentID
  pcParentExpr="CLASSE_MAT"

lcChildWkArea=riopen("mat0020","iclasse")
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
  pcChildDBF=dbf(lcChildWkArea)

llRetVal=!SEEK(lcParentID,lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=classe_mat
pcChildExpr="CLASSE_MAT"
IF !llRetVal

```

```

do rrierror with -1, "Delete restrict rule
violated.", "", ""
ENDIF
=rireuse("mat0020", lcChildWkArea)
IF NOT lIRetVal
IF _triggerlevel=1
do riend with lIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN lIRetVal
ENDIF
IF _triggerlevel=1
do riend with lIRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN lIRetVal
** End of Referential integrity Delete
trigger for mat0010

*****

*****
procedure __RI_UPDATE_mat0010
** Referential integrity update trigger for
mat0010
LOCAL lIRetVal
lIRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRIcursors, pcRIwkareas, pcRIolderror, pnerr
or,;
pcOldDele, pcOldExact, pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRIcursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(), MESSAGE(), MESSA
GE(1), PROGRAM())
IF TYPE('gaErrors(1)') <> "U"
release gaErrors
ENDIF
PUBLIC gaErrors(1, 12)
ENDIF first trigger
private
pcParentDBF, pnParentRec, pcChildDBF, pnC
hildRec, pcParentID, pcChildID
private pcParentExpr, pcChildExpr
store "" to
pcParentDBF, pcChildDBF, pcParentID, pcChi
ldID, pcParentExpr, pcChildExpr
store 0 to pnParentRec, pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()

```

```

lIRetVal=.T.
lcParentWkArea=SELECT()
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()

lcOldParentID=OLDVAL("CLASSE_MAT")
pcParentID=lcOldParentID
pcParentExpr="CLASSE_MAT"
lcParentID=classe_mat
IF lcParentID <> lcOldParentID
lcChildWkArea=riopen("mat0020")
IF lcChildWkArea <= 0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
set Order to iclasse IN (lcChildWkArea)

lIRetVal=!SEEK(lcOldParentID, lcChildWkA
rea)
pnChildRec=RECNO()
pcChildID=classe_mat
pcChildExpr="CLASSE_MAT"
IF !lIRetVal
do rrierror with -1, "Update restrict rule
violated.", "", ""
ENDIF
=rireuse("mat0020", lcChildWkArea)
IF NOT lIRetVal
IF _triggerlevel=1
do riend with lIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN lIRetVal
ENDIF
ENDIF this Parent ID changed
IF _triggerlevel=1
do riend with lIRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN lIRetVal
** End of Referential integrity Update
trigger for mat0010

*****

*****
** Referential integrity delete trigger for
mat0020
procedure __RI_DELETE_mat0020
LOCAL lIRetVal
lIRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRIcursors, pcRIwkareas, pcRIolderror, pnerr
or,;
pcOldDele, pcOldExact, pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRIcursors=""
pcRIwkareas=""
pcRIolderror=on("error")

```

```

pnerror=0
on Error
pnerror=rierror(Error(), MESSAGE(), MESSA
GE(1), PROGRAM())
IF TYPE('gaErrors(1)') <> "U"
release gaErrors
ENDIF
PUBLIC gaErrors(1, 12)
ENDIF first trigger
private
pcParentDBF, pnParentRec, pcChildDBF, pnC
hildRec, pcParentID, pcChildID
private pcParentExpr, pcChildExpr
store "" to
pcParentDBF, pcChildDBF, pcParentID, pcChi
ldID, pcParentExpr, pcChildExpr
store 0 to pnParentRec, pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcParentWkArea
LOCAL lIDelHeaderarea
lcStartArea=SELECT()
lIRetVal=.T.
lcParentWkArea=SELECT()
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store material to lcParentID, pcParentID
pcParentExpr="MATERIAL"
lcChildWkArea=riopen("pep0050", "mat")
IF lcChildWkArea <= 0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

lIRetVal=!SEEK(lcParentID, lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=material
pcChildExpr="MATERIAL"
IF !lIRetVal
do rrierror with -1, "Delete restrict rule
violated.", "", ""
ENDIF
=rireuse("pep0050", lcChildWkArea)
IF NOT lIRetVal
IF _triggerlevel=1
do riend with lIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN lIRetVal
ENDIF
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store material to lcParentID, pcParentID
pcParentExpr="MATERIAL"
lcChildWkArea=riopen("pep0060", "mat")
IF lcChildWkArea <= 0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

```

```

do rierror with -1,"Delete restrict rule
violated.", "", ""
ENDIF
=rireuse("che0020",lcChildWkArea)
IF NOT !!RetVal
  IF _triggerlevel=1
    do riend with !!RetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN !!RetVal
ENDIF
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store material to lcParentID,pcParentID
pcParentExpr="MATERIAL"
lcChildWkArea=riopen("pep0070","mat")
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

!!RetVal=!SEEK(lcParentID,lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=material
pcChildExpr="MATERIAL"
IF !!RetVal
  do rierror with -1,"Delete restrict rule
violated.", "", ""
ENDIF
=rireuse("ser0040",lcChildWkArea)
IF NOT !!RetVal
  IF _triggerlevel=1
    do riend with !!RetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN !!RetVal
ENDIF
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store material to lcParentID,pcParentID
pcParentExpr="MATERIAL"
lcChildWkArea=riopen("che0020","mat")
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

!!RetVal=!SEEK(lcParentID,lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=material
pcChildExpr="MATERIAL"
IF !!RetVal
  do rierror with -1,"Delete restrict rule
violated.", "", ""
ENDIF
=rireuse("ser0040",lcChildWkArea)
IF NOT !!RetVal
  IF _triggerlevel=1
    do riend with !!RetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN !!RetVal
ENDIF
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store material to lcParentID,pcParentID
pcParentExpr="MATERIAL"
lcChildWkArea=riopen("che0020","mat")
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

!!RetVal=!SEEK(lcParentID,lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=material
pcChildExpr="MATERIAL"
IF !!RetVal
  do rierror with -1,"Delete restrict rule
violated.", "", ""
ENDIF
=rireuse("ser0040",lcChildWkArea)
IF NOT !!RetVal
  IF _triggerlevel=1
    do riend with !!RetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN !!RetVal
ENDIF
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store material to lcParentID,pcParentID
pcParentExpr="MATERIAL"
lcChildWkArea=riopen("che0020","mat")
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

do rierror with -1,"Delete restrict rule
violated.", "", ""
ENDIF
=rireuse("che0020",lcChildWkArea)
IF NOT !!RetVal
  IF _triggerlevel=1
    do riend with !!RetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN !!RetVal
ENDIF
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store material to lcParentID,pcParentID
pcParentExpr="MATERIAL"
lcChildWkArea=riopen("ser0040","material"
)
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

!!RetVal=!SEEK(lcParentID,lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=material
pcChildExpr="MATERIAL"
IF !!RetVal
  do rierror with -1,"Delete restrict rule
violated.", "", ""
ENDIF
=rireuse("ser0040",lcChildWkArea)
IF NOT !!RetVal
  IF _triggerlevel=1
    do riend with !!RetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN !!RetVal
ENDIF
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store material to lcParentID,pcParentID
pcParentExpr="MATERIAL"
lcChildWkArea=riopen("mat0010","iclass_
mat")
IF lcParentWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)

!!RetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("mat0010",lcParentWkArea)
IF NOT !!RetVal
  do rierror with -1,"Insert restrict
rule violated.", "", ""
  IF _triggerlevel=1
    do riend with !!RetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN !!RetVal
ENDIF no Parent

```

```

ENDIF this Value was changed
SELECT (lcChildWkArea)
lcChildID=und
lcOldChildID=OLDVAL("UND")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="UND"
IF lcChildID<>lcOldChildID

lcParentWkArea=riopen("par0030","icod")
IF lcParentWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)

pnParentRec=RECNO(lcParentWkArea)
=rireuse("par0030",lcParentWkArea)
IF NOT llRetVal
  do rierror with -1,"Insert restrict
rule violated.",",",""
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed
SELECT (lcChildWkArea)
lcChildID=undw
lcOldChildID=OLDVAL("UNDW")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="UNDW"
IF lcChildID<>lcOldChildID

lcParentWkArea=riopen("par0030","icod")
IF lcParentWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)

pnParentRec=RECNO(lcParentWkArea)
=rireuse("par0030",lcParentWkArea)
IF NOT llRetVal
  do rierror with -1,"Insert restrict
rule violated.",",",""
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed
ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
SELECT (lcParentWkArea)

pcParentDBF=dbf()
pnParentRec=RECNO()
lcOldParentID=OLDVAL("MATERIAL")
pcParentID=lcOldParentID
pcParentExpr="MATERIAL"
lcParentID=material
IF lcParentID<>lcOldParentID
  lcChildWkArea=riopen("pep0050")
  IF lcChildWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
set Order to mat IN (lcChildWkArea)

llRetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
pnChildRec=RECNO()
pcChildID=material
pcChildExpr="MATERIAL"
IF !llRetVal
  do rierror with -1,"Update restrict rule
violated.",",",""
  ENDIF
=rireuse("pep0050",lcChildWkArea)
IF NOT llRetVal
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
ENDIF this Parent ID changed
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
lcOldParentID=OLDVAL("MATERIAL")
pcParentID=lcOldParentID
pcParentExpr="MATERIAL"
lcParentID=material
IF lcParentID<>lcOldParentID
  lcChildWkArea=riopen("pep0060")
  IF lcChildWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
set Order to mat IN (lcChildWkArea)

llRetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
pnChildRec=RECNO()
pcChildID=material
pcChildExpr="MATERIAL"
IF !llRetVal
  do rierror with -1,"Update restrict rule
violated.",",",""
  ENDIF
=rireuse("pep0060",lcChildWkArea)
IF NOT llRetVal
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)

RETURN llRetVal
ENDIF
ENDIF this Parent ID changed
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
lcOldParentID=OLDVAL("MATERIAL")
pcParentID=lcOldParentID
pcParentExpr="MATERIAL"
lcParentID=material
IF lcParentID<>lcOldParentID
  lcChildWkArea=riopen("pep0070")
  IF lcChildWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
set Order to mat IN (lcChildWkArea)

llRetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
pnChildRec=RECNO()
pcChildID=material
pcChildExpr="MATERIAL"
IF !llRetVal
  do rierror with -1,"Update restrict rule
violated.",",",""
  ENDIF
=rireuse("pep0070",lcChildWkArea)
IF NOT llRetVal
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
ENDIF this Parent ID changed
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
lcOldParentID=OLDVAL("MATERIAL")
pcParentID=lcOldParentID
pcParentExpr="MATERIAL"
lcParentID=material
IF lcParentID<>lcOldParentID
  lcChildWkArea=riopen("che0020")
  IF lcChildWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
set Order to mat IN (lcChildWkArea)

llRetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
pnChildRec=RECNO()
pcChildID=material
pcChildExpr="MATERIAL"
IF !llRetVal
  do rierror with -1,"Update restrict rule
violated.",",",""
  ENDIF
=rireuse("che0020",lcChildWkArea)
IF NOT llRetVal
  IF _triggerlevel=1

```

```

do riend with IIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF
ENDIF this Parent ID changed
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
lcOldParentID=OLDVAL("MATERIAL")
pcParentID=lcOldParentID
pcParentExpr="MATERIAL"
lcParentID=material
IF lcParentID<>lcOldParentID
lcChildWkArea=riopen("ser0040")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
set Order to imaterial IN
(lcChildWkArea)

IIRetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
pcChildRec=RECNO()
pcChildID=material
pcChildExpr="MATERIAL"
IF !IIRetVal
do rierror with -1,"Update restrict rule
violated.",",",""
ENDIF
=rireuse("ser0040",lcChildWkArea)
IF NOT IIRetVal
IF _triggerlevel=1
do riend with IIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF
ENDIF this Parent ID changed
IF _triggerlevel=1
do riend with IIRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN IIRetVal
** End of Referential integrity Update
trigger for mat0020

*****

*****

** Referential integrity insert trigger for
mat0020
procedure __RI_INSERT_mat0020
LOCAL IIRetVal
IIRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")

```

```

set deleted on
set EXACT off
pcRCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcChildWkArea && child's work
area
LOCAL lcStartArea
lcStartArea=SELECT()
IIRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)
lcChildID=classe_mat
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="CLASSE_MAT"

lcParentWkArea=riopen("mat0010","iclass_
mat")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

IIRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("mat0010",lcParentWkArea)
IF NOT IIRetVal
do rierror with -1,"Insert restrict rule
violated.",",",""
IF _triggerlevel=1
do riend with IIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF
SELECT (lcChildWkArea)
lcChildID=und
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="UND"
lcParentWkArea=riopen("par0030","icod")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.

```

```

ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

IIRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("par0030",lcParentWkArea)
IF NOT IIRetVal
do rierror with -1,"Insert restrict rule
violated.",",",""
IF _triggerlevel=1
do riend with IIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF
SELECT (lcChildWkArea)
lcChildID=undw
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="UNDW"
lcParentWkArea=riopen("par0030","icod")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

IIRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("par0030",lcParentWkArea)
IF NOT IIRetVal
do rierror with -1,"Insert restrict rule
violated.",",",""
IF _triggerlevel=1
do riend with IIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF
SELECT (lcStartArea)
RETURN IIRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN IIRetVal
** End of Referential integrity insert
trigger for mat0020

*****

*****

** Referential integrity delete trigger for
orc0010
procedure __RI_DELETE_orc0010
LOCAL IIRetVal
IIRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk

```



```

pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcParentWkArea
LOCAL lIDelHeaderarea
lcStartArea=SELECT()
llRetVal=.T.
lcParentWkArea=SELECT()
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store cpf+orcamento to
lcParentID,pcParentID
pcParentExpr="CPF+ORCAMENTO"
lcChildWkArea=riopen("orc0020","iorc")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)
SELECT (lcChildWkArea)
SEEK lcParentID
scan while cpf+orcamento=lcParentID and
llRetVal
pnChildRec=RECNO()
pcChildID=cpf+orcamento
pcChildExpr="CPF+ORCAMENTO"
llRetVal=RIDELETE()
endscan get ALL of the orc0020 records
=rireuse("orc0020",lcChildWkArea)
IF NOT llRetVal
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal

```

```

** End of Referential integrity Delete
trigger for orc0010
*****
*****
procedure __RI_UPDATE_orc0010
** Referential integrity update trigger for
orc0010
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcParentWkArea=SELECT()
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
lcOldParentID=OLDVAL("CPF+ORCAME
NTO")
pcParentID=lcOldParentID
pcParentExpr="CPF+ORCAMENTO"
lcParentID=cpf+orcamento
IF lcParentID<>lcOldParentID
lcChildWkArea=riopen("orc0020")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level

```

```

SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
SELECT (lcChildWkArea)
scan FOR
cpf+orcamento=lcOldParentID
pnChildRec=RECNO()
pcChildID=cpf+orcamento
pcChildExpr="CPF+ORCAMENTO"
llRetVal=RIUPDATE("CPF+ORCAMENTO
",lcParentID)
endscan get ALL of the orc0020 records
=rireuse("orc0020",lcChildWkArea)
IF NOT llRetVal
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
ENDIF this Parent ID changed
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Update
trigger for orc0010
*****
*****
** Referential integrity delete trigger for
par0030
procedure __RI_DELETE_par0030
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec

```

```

LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcParentWkArea
LOCAL llDelHeaderarea
lcStartArea=SELECT()
llRetVal=.T.
lcParentWkArea=SELECT()
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store codigo to lcParentID,pcParentID
pcParentExpr="CODIGO"

lcChildWkArea=riopen("mat0020","iunidade
")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

llRetVal=!SEEK(lcParentID,lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=und
pcChildExpr="UND"
IF !llRetVal
do rrierror with -1,"Delete restrict rule
violated.",",",""
ENDIF
=rireuse("mat0020",lcChildWkArea)
IF NOT llRetVal
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store codigo to lcParentID,pcParentID
pcParentExpr="CODIGO"

lcChildWkArea=riopen("mat0020","iundw")
IF lcChildWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)

llRetVal=!SEEK(lcParentID,lcChildWkArea)
SELECT (lcChildWkArea)
pnChildRec=RECNO()
pcChildID=undw
pcChildExpr="UNDW"
IF !llRetVal
do rrierror with -1,"Delete restrict rule
violated.",",",""
ENDIF
=rireuse("mat0020",lcChildWkArea)
IF NOT llRetVal
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
ENDIF this Parent ID changed

ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
set Order to iunidade IN
(lcChildWkArea)

llRetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
pnChildRec=RECNO()
pcChildID=und
pcChildExpr="UND"
IF !llRetVal
do rrierror with -1,"Update restrict rule
violated.",",",""
ENDIF
=rireuse("mat0020",lcChildWkArea)
IF NOT llRetVal
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
ENDIF this Parent ID changed

ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF NOT able to OPEN the child
work area
pcChildDBF=dbf(lcChildWkArea)
set Order to iundw IN (lcChildWkArea)

llRetVal=!SEEK(lcOldParentID,lcChildWkA
rea)
pnChildRec=RECNO()
pcChildID=undw
pcChildExpr="UNDW"
IF !llRetVal
do rrierror with -1,"Update restrict rule
violated.",",",""
ENDIF
=rireuse("mat0020",lcChildWkArea)
IF NOT llRetVal
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
ENDIF this Parent ID changed

```

```

IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Update
trigger for par0030

*****

*****
procedure __RI_UPDATE_pep0020
** Referential integrity update trigger for
pep0020
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRcursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
SELECT (lcChildWkArea)
lcChildID=equipamento
lcOldChildID=OLDVAL("EQUIPAMENTO
")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="EQUIPAMENTO"
IF lcChildID<>lcOldChildID
lcParentWkArea=riopen("eqp0040","iequip")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)
llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0040",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict
rule violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed
ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Update
trigger for pep0020

*****

*****
** Referential integrity insert trigger for
pep0020
procedure __RI_INSERT_pep0020
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRcursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
SELECT (lcChildWkArea)
lcChildID=equipamento
lcOldChildID=OLDVAL("EQUIPAMENTO
")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="EQUIPAMENTO"
IF lcChildID<>lcOldChildID
lcParentWkArea=riopen("eqp0040","iequip")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)
llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0040",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict rule
violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity insert
trigger for pep0020

*****

*****
procedure __RI_UPDATE_pep0030
** Referential integrity update trigger for
pep0030
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on

```

```

set EXACT off
pcRcursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
SELECT (lcChildWkArea)
lcChildID=equipamento

lcOldChildID=OLDVAL("EQUIPAMENTO
")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="EQUIPAMENTO"
IF lcChildID<lcOldChildID

lcParentWkArea=riopen("eqp0040","iequip")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)

pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0040",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict
rule violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed

ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Update
trigger for pep0030

*****
*****
** Referential integrity insert trigger for
pep0030
procedure __RI_INSERT_pep0030
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRcursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcChildWkArea && child's work
area
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)
lcChildID=equipamento
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="EQUIPAMENTO"

lcParentWkArea=riopen("eqp0040","iequip")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)

RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0040",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict rule
violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity insert
trigger for pep0030

*****
*****
procedure __RI_UPDATE_pep0050
** Referential integrity update trigger for
pep0050
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRcursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent

```

```

LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
SELECT (lcChildWkArea)
lcChildID=material

lcOldChildID=OLDVAL("MATERIAL")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="MATERIAL"
IF lcChildID<>lcOldChildID

lcParentWkArea=riopen("mat0020","imateria
l")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)

pnParentRec=RECNO(lcParentWkArea)
=rireuse("mat0020",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict
rule violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed
ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Update
trigger for pep0050

*****

*****
** Referential integrity insert trigger for
pep0050
procedure __RI_INSERT_pep0050
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcChildWkArea && child's work
area
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)
lcChildID=material
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="MATERIAL"

lcParentWkArea=riopen("mat0020","imateria
l")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("mat0020",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict rule
violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity insert
trigger for pep0050

*****

*****
** Referential integrity update trigger for
pep0060
procedure __RI_UPDATE_pep0060
** Referential integrity update trigger for
pep0060
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to be
sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
SELECT (lcChildWkArea)
lcChildID=material

lcOldChildID=OLDVAL("MATERIAL")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="MATERIAL"
IF lcChildID<>lcOldChildID

lcParentWkArea=riopen("mat0020","imateria
l")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.

```

```

    ENDIF NOT able to OPEN the child
work area
    pcParentDBF=dbf(lcParentWkArea)
llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rreuse("mat0020",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict
rule violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed
ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Update
trigger for pep0060
*****
*****
** Referential integrity insert trigger for
pep0060
procedure __RI_INSERT_pep0060
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRcursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcParentWkArea && parentwork
area handle returned by riopen

```

```

LOCAL lcChildWkArea && child's work
area
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)
lcChildID=material
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="MATERIAL"
lcParentWkArea=riopen("mat0020","imateria
l")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)
llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rreuse("mat0020",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict rule
violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity insert
trigger for pep0060
*****
*****
procedure __RI_UPDATE_pep0070
** Referential integrity update trigger for
pep0070
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRcursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())

```

```

IF TYPE('gaErrors(1)<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
SELECT (lcChildWkArea)
lcChildID=material
lcOldChildID=OLDVAL("MATERIAL")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="MATERIAL"
IF lcChildID<>lcOldChildID
lcParentWkArea=riopen("mat0020","imateria
l")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)
llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rreuse("mat0020",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict
rule violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed
ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal

```

```

** End of Referential integrity Update
trigger for pep0070

*****

** Referential integrity insert trigger for
pep0070
procedure __RI_INSERT_pep0070
  LOCAL lRetVal
  lRetVal = .T.
  IF _triggerlevel=1
    BEGIN TRANSACTION
    private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
    pcOldDele,pcOldExact,pcOldTalk
    pcOldTalk=set("TALK")
    set talk off
    pcOldDele=set("DELETED")
    pcOldExact=set("EXACT")
    set deleted on
    set EXACT off
    pcRcursors=""
    pcRIwkareas=""
    pcRIolderror=on("error")
    pnerror=0
    on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
    IF TYPE('gaErrors(1)')<>"U"
      release gaErrors
    ENDIF
    PUBLIC gaErrors(1,12)
  ENDIF first trigger
  private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
  private pcParentExpr,pcChildExpr
  store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
  store 0 to pnParentRec,pnChildRec
  LOCAL lcChildID && child's value to be
sought in parent
  LOCAL lcParentWkArea && parentwork
area handle returned by riopen
  LOCAL lcChildWkArea && child's work
area
  LOCAL lcStartArea
  lcStartArea=SELECT()
  lRetVal=.T.
  lcChildWkArea=SELECT()
  SELECT (lcChildWkArea)
  lcChildID=material
  pcChildDBF=dbf(lcChildWkArea)
  pnChildRec=RECNO(lcChildWkArea)
  pcChildID=lcChildID
  pcChildExpr="MATERIAL"

lcParentWkArea=riopen("mat0020","imateria
l")
  IF lcParentWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
    SELECT (lcStartArea)
    RETURN .f.
  ENDIF NOT able to OPEN the child work
area
  pcParentDBF=dbf(lcParentWkArea)
  lRetVal=SEEK(lcChildID,lcParentWkArea)
  pnParentRec=RECNO(lcParentWkArea)

```

```

=rreuse("mat0020",lcParentWkArea)
IF NOT lRetVal
  do rierror with -1,"Insert restrict rule
violated.",",",
  IF _triggerlevel=1
    do riend with lRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN lRetVal
ENDIF
IF _triggerlevel=1
  do riend with lRetVal
ENDIF AT the END of the highest trigger
level
  SELECT (lcStartArea)
  RETURN lRetVal
** End of Referential integrity insert
trigger for pep0070

*****

** Referential integrity delete trigger for
ser0010
procedure __RI_DELETE_ser0010
  LOCAL lRetVal
  lRetVal = .T.
  IF _triggerlevel=1
    BEGIN TRANSACTION
    private
pcRcursors,pcRIwkareas,pcRIolderror,pnerr
or,;
    pcOldDele,pcOldExact,pcOldTalk
    pcOldTalk=set("TALK")
    set talk off
    pcOldDele=set("DELETED")
    pcOldExact=set("EXACT")
    set deleted on
    set EXACT off
    pcRcursors=""
    pcRIwkareas=""
    pcRIolderror=on("error")
    pnerror=0
    on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
    IF TYPE('gaErrors(1)')<>"U"
      release gaErrors
    ENDIF
    PUBLIC gaErrors(1,12)
  ENDIF first trigger
  private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
  private pcParentExpr,pcChildExpr
  store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
  store 0 to pnParentRec,pnChildRec
  LOCAL lcParentID && parent's value to
be sought in child
  LOCAL lcChildWkArea && child work
area handle returned by riopen
  LOCAL lcParentWkArea
  LOCAL lDelHeaderarea
  lcStartArea=SELECT()
  lRetVal=.T.
  lcParentWkArea=SELECT()
  SELECT (lcParentWkArea)
  pcParentDBF=dbf()
  pnParentRec=RECNO()
  store
cod_grupo+cod_composicao+cod_tipo+class
e_serv+cod_ident to lcParentID,pcParentID

```

```

pcParentExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

lcChildWkArea=riopen("ser0020","iatvser")
  IF lcChildWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
    RETURN .f.
  ENDIF NOT able to OPEN the child work
area
  pcChildDBF=dbf(lcChildWkArea)
  SELECT (lcChildWkArea)
  SEEK lcParentID
  scan while
cod_grupo+cod_composicao+cod_tipo+class
e_serv+cod_ident=lcParentID and lRetVal
  pnChildRec=RECNO()

pcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident

pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"
  lRetVal=RIDELETE()
  endscan get ALL of the Ser0020 records
=rreuse("ser0020",lcChildWkArea)
IF NOT lRetVal
  IF _triggerlevel=1
    do riend with lRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN lRetVal
ENDIF
  SELECT (lcParentWkArea)
  pcParentDBF=dbf()
  pnParentRec=RECNO()
  store
cod_grupo+cod_composicao+cod_tipo+class
e_serv+cod_ident to lcParentID,pcParentID

pcParentExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

lcChildWkArea=riopen("ser0030","iatvser")
  IF lcChildWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
    RETURN .f.
  ENDIF NOT able to OPEN the child work
area
  pcChildDBF=dbf(lcChildWkArea)
  SELECT (lcChildWkArea)
  SEEK lcParentID
  scan while
cod_grupo+cod_composicao+cod_tipo+class
e_serv+cod_ident=lcParentID and lRetVal
  pnChildRec=RECNO()

pcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident

pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"
  lRetVal=RIDELETE()
  endscan get ALL of the Ser0030 records
=rreuse("ser0030",lcChildWkArea)

```

```

IF NOT lIRetVal
  IF _triggerlevel=1
    do riend with lIRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN lIRetVal
ENDIF
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store
cod_grupo+cod_composicao+cod_tipo+class
e_serv+cod_ident to lcParentID,pcParentID

pcParentExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

lcChildWkArea=riopen("ser0040","iatvser")
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)
SELECT (lcChildWkArea)
SEEK lcParentID
scan while
cod_grupo+cod_composicao+cod_tipo+class
e_serv+cod_ident=lcParentID and lIRetVal
pnChildRec=RECNO()

pcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident

pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

lcChildWkArea=riopen("ser0060","iatvser")
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)
SELECT (lcChildWkArea)
SEEK lcParentID
scan while
cod_grupo+cod_composicao+cod_tipo+class
e_serv+cod_ident=lcParentID and lIRetVal
pnChildRec=RECNO()

pcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident

pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

lIRetVal=RIDELETE()
endscan get ALL of the Ser0040 records
=rireuse("ser0040",lcChildWkArea)
IF NOT lIRetVal
  IF _triggerlevel=1
    do riend with lIRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN lIRetVal
ENDIF
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store
cod_grupo+cod_composicao+cod_tipo+class
e_serv+cod_ident to lcParentID,pcParentID

pcParentExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

lcChildWkArea=riopen("ser0050","iatvser")
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)
SELECT (lcChildWkArea)
SEEK lcParentID
scan while
cod_grupo+cod_composicao+cod_tipo+class
e_serv+cod_ident=lcParentID and lIRetVal
pnChildRec=RECNO()

pcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident

pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

lIRetVal=RIDELETE()
endscan get ALL of the Ser0060 records
=rireuse("ser0060",lcChildWkArea)
IF NOT lIRetVal
  IF _triggerlevel=1
    do riend with lIRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN lIRetVal
ENDIF
SELECT (lcParentWkArea)
pcParentDBF=dbf()
pnParentRec=RECNO()
store
cod_grupo+cod_composicao+cod_tipo+class
e_serv+cod_ident to lcParentID,pcParentID

pcParentExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

lcChildWkArea=riopen("ser0070","iatvser")
IF lcChildWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcChildDBF=dbf(lcChildWkArea)
SELECT (lcChildWkArea)
SEEK lcParentID
scan while
cod_grupo+cod_composicao+cod_tipo+class
e_serv+cod_ident=lcParentID and lIRetVal
pnChildRec=RECNO()

pcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident

pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

lIRetVal=RIDELETE()
endscan get ALL of the Ser0070 records
=rireuse("ser0070",lcChildWkArea)
IF NOT lIRetVal
  IF _triggerlevel=1
    do riend with lIRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN lIRetVal
ENDIF
IF _triggerlevel=1
  do riend with lIRetVal
ENDIF AT the END of the highest trigger
level
  SELECT (lcStartArea)
  RETURN lIRetVal
** End of Referential integrity Delete
trigger for ser0010

*****

*****
procedure __RI_UPDATE_ser0020
** Referential integrity update trigger for
ser0020
LOCAL lIRetVal
lIRetVal = .T.
IF _triggerlevel=1
  BEGIN TRANSACTION
  private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
  pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
  release gaErrors

```



```

ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnChildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChildID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to be sought in child
LOCAL lcOldParentID && previous parent id value
LOCAL lcChildWkArea && child work area handle returned by riopen
LOCAL lcChildID && child's value to be sought in parent
LOCAL lcOldChildID && old child id value
LOCAL lcParentWkArea && parentwork area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
SELECT (lcChildWkArea)
lcChildID=equipamento
lcOldChildID=OLDVAL("EQUIPAMENTO")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="EQUIPAMENTO"
IF lcChildID<>lcOldChildID
lcParentWkArea=riopen("eqp0040","iequip")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work area
pcParentDBF=dbf(lcParentWkArea)
llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0040",lcParentWkArea)
IF NOT llRetVal
do rrierror with -1,"Insert restrict rule violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed
ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Update trigger for ser0020
*****
** Referential integrity insert trigger for ser0020
procedure __RI_INSERT_ser0020
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIWkareas,pcRIolderror,pnerror,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIWkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSAGE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors

```

```

pcChildID=lcOldChildID
pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+COD_IDENT"
IF lcChildID<>lcOldChildID
lcParentWkArea=riopen("ser0010","iservico")
)
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work area
pcParentDBF=dbf(lcParentWkArea)
llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("ser0010",lcParentWkArea)
IF NOT llRetVal
do rrierror with -1,"Insert restrict rule violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed
ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Update trigger for ser0020
*****
** Referential integrity insert trigger for ser0020
procedure __RI_INSERT_ser0020
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIWkareas,pcRIolderror,pnerror,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIWkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSAGE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors

```

```

ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnChildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChildID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcChildID && child's value to be sought in parent
LOCAL lcParentWkArea && parentwork area handle returned by riopen
LOCAL lcChildWkArea && child's work area
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)
lcChildID=equipamento
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="EQUIPAMENTO"
lcParentWkArea=riopen("eqp0040","iequip")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work area
pcParentDBF=dbf(lcParentWkArea)
llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("eqp0040",lcParentWkArea)
IF NOT llRetVal
do rrierror with -1,"Insert restrict rule violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed
ENDIF NOT part of a cascade
lcChildID=cod_grupo+cod_composicao+cod_tipo+classe_serv+cod_ident
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+COD_IDENT"
lcParentWkArea=riopen("ser0010","iservico")
)
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work area

```

```

pcParentDBF=dbf(lcParentWkArea)
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
SELECT (lcChildWkArea)
lcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident
lcOldChildID=OLDVAL("COD_GRUPO+C
OD_COMPOSICAO+COD_TIPO+CLASSE
_SERV+COD_IDENT")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"
IF lcChildID<>lcOldChildID
lcParentWkArea=riopen("ser0010", "iservico"
)
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)
llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("ser0010",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict
rule violated.",",", ""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Update
trigger for ser0030
*****
** Referential integrity insert trigger for
ser0030
procedure __RI_INSERT_ser0030
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
pcParentDBF=dbf(lcParentWkArea)
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)
lcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"
lcParentWkArea=riopen("ser0010", "iservico"
)
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)
llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("ser0010",lcParentWkArea)
IF NOT llRetVal
do rierror with -1,"Insert restrict rule
violated.",",", ""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)

```

```

RETURN lIRetVal
ENDIF
IF _triggerlevel=1
do riend with lIRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN lIRetVal
** End of Referential integrity insert
trigger for ser0030

*****

*****
procedure __RI_UPDATE_ser0040
** Referential integrity update trigger for
ser0040
LOCAL lIRetVal
lIRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lIRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
SELECT (lcChildWkArea)
lcChildID=material
lcOldChildID=OLDVAL("MATERIAL")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID

```

```

pcChildExpr="MATERIAL"
IF lcChildID<>lcOldChildID
lcParentWkArea=riopen("mat0020","imateria
l")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)
lIRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("mat0020",lcParentWkArea)
IF NOT lIRetVal
do rierror with -1,"Insert restrict
rule violated.",",",""
IF _triggerlevel=1
do riend with lIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN lIRetVal
ENDIF no Parent
ENDIF this Value was changed
SELECT (lcChildWkArea)
lcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident
lcOldChildID=OLDVAL("COD_GRUPO+C
OD_COMPOSICAO+COD_TIPO+CLASSE
_SERV+COD_IDENT")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID
pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"
IF lcChildID<>lcOldChildID
lcParentWkArea=riopen("ser0010","iservico"
)
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)
lIRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("ser0010",lcParentWkArea)
IF NOT lIRetVal
do rierror with -1,"Insert restrict
rule violated.",",",""
IF _triggerlevel=1
do riend with lIRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN lIRetVal
ENDIF no Parent
ENDIF this Value was changed

```

```

ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
IF _triggerlevel=1
do riend with lIRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN lIRetVal
** End of Referential integrity Update
trigger for ser0040

*****

*****
** Referential integrity insert trigger for
ser0040
procedure __RI_INSERT_ser0040
LOCAL lIRetVal
lIRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcChildWkArea && child's work
area
LOCAL lcStartArea
lcStartArea=SELECT()
lIRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)
lcChildID=material
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID
pcChildExpr="MATERIAL"
lcParentWkArea=riopen("mat0020","imateria
l")
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level

```

```

SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rreuse("mat0020",lcParentWkArea)
IF NOT llRetVal
do rrierror with -1,"Insert restrict rule
violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
SELECT (lcChildWkArea)

lcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID

pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

lcParentWkArea=riopen("ser0010","iservico"
)
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rreuse("ser0010",lcParentWkArea)
IF NOT llRetVal
do rrierror with -1,"Insert restrict rule
violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity insert
trigger for ser0040
*****

*****
procedure __RI_UPDATE_ser0050
** Referential integrity update trigger for
ser0050
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1

```

```

lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)

lcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID

pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

lcParentWkArea=riopen("ser0010", "iservico"
)
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("ser0010",lcParentWkArea)
IF NOT llRetVal
do rierror with -1, "Insert restrict rule
violated.", "", ""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity insert
trigger for ser0050

*****

*****
procedure __RI_UPDATE_ser0060
** Referential integrity update trigger for
ser0060
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRl cursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRl cursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0

```

```

on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcParentID && parent's value to
be sought in child
LOCAL lcOldParentID && previous
parent id value
LOCAL lcChildWkArea && child work
area handle returned by riopen
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcOldChildID && old child id
value
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
SELECT (lcChildWkArea)

lcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident

lcOldChildID=OLDVAL("COD_GRUPO+C
OD_COMPOSICAO+COD_TIPO+CLASSE
_SERV+COD_IDENT")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID

pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"
IF lcChildID<>lcOldChildID

lcParentWkArea=riopen("ser0010", "iservico"
)
IF lcParentWkArea<=0
IF _triggerlevel=1
do riend with .f.
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN .f.
ENDIF NOT able to OPEN the child
work area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)

pnParentRec=RECNO(lcParentWkArea)
=rireuse("ser0010",lcParentWkArea)
IF NOT llRetVal
do rierror with -1, "Insert restrict
rule violated.", "", ""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal

```

```

ENDIF no Parent
ENDIF this Value was changed
ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity Update
trigger for ser0060

*****

*****
** Referential integrity insert trigger for
ser0060
procedure __RI_INSERT_ser0060
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
BEGIN TRANSACTION
private
pcRl cursors,pcRIwkareas,pcRIolderror,pnerr
or,;
pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRl cursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
LOCAL lcChildID && child's value to be
sought in parent
LOCAL lcParentWkArea && parentwork
area handle returned by riopen
LOCAL lcChildWkArea && child's work
area
LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)

lcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID

pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

```

```

lcParentWkArea=riopen("ser0010","iservico"
)
IF lcParentWkArea<=0
  IF _triggerlevel=1
    do riend with .f.
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN .f.
ENDIF NOT able to OPEN the child work
area
pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)
=rireuse("ser0010",lcParentWkArea)
IF NOT llRetVal
  do rierror with -1,"Insert restrict rule
violated.",",",""
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN llRetVal
ENDIF
IF _triggerlevel=1
  do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity insert
trigger for ser0060

*****

*****
procedure __RI_UPDATE_ser0070
** Referential integrity update trigger for
ser0070
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
  BEGIN TRANSACTION
  private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
  pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
  release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
  private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
be sought in child
  LOCAL lcOldParentID && parent's value to
be sought in child
  LOCAL lcChildWkArea && child work
area handle returned by riopen
  LOCAL lcChildID && child's value to be
sought in parent
  LOCAL lcOldChildID && old child id
value
  LOCAL lcParentWkArea && parentwork
area handle returned by riopen
  LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
IF _triggerlevel=1
  SELECT (lcChildWkArea)

lcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident

lcOldChildID=OLDVAL("COD_GRUPO+C
OD_COMPOSICAO+COD_TIPO+CLASSE
_SERV+COD_IDENT")
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcOldChildID

pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"
IF lcChildID<>lcOldChildID

lcParentWkArea=riopen("ser0010","iservico"
)
  IF lcParentWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
    SELECT (lcStartArea)
    RETURN .f.
    ENDIF NOT able to OPEN the child
work area
    pcParentDBF=dbf(lcParentWkArea)
llRetVal=SEEK(lcChildID,lcParentWkArea)

pnParentRec=RECNO(lcParentWkArea)
=rireuse("ser0010",lcParentWkArea)
IF NOT llRetVal
  do rierror with -1,"Insert restrict
rule violated.",",",""
  IF _triggerlevel=1
    do riend with llRetVal
  ENDIF AT the END of the highest
trigger level
  SELECT (lcStartArea)
  RETURN llRetVal
ENDIF no Parent
ENDIF this Value was changed
ENDIF NOT part of a cascade
lcParentWkArea=lcChildWkArea
IF _triggerlevel=1
  do riend with llRetVal
ENDIF AT the END of the highest trigger
level
  SELECT (lcStartArea)
  RETURN llRetVal
** End of Referential integrity Update
trigger for ser0070

*****

*****
** Referential integrity insert trigger for
ser0070
procedure __RI_INSERT_ser0070
LOCAL llRetVal
llRetVal = .T.
IF _triggerlevel=1
  BEGIN TRANSACTION
  private
pcRlCursors,pcRIwkareas,pcRIolderror,pnerr
or,;
  pcOldDele,pcOldExact,pcOldTalk
pcOldTalk=set("TALK")
set talk off
pcOldDele=set("DELETED")
pcOldExact=set("EXACT")
set deleted on
set EXACT off
pcRlCursors=""
pcRIwkareas=""
pcRIolderror=on("error")
pnerror=0
on Error
pnerror=rierror(Error(),MESSAGE(),MESSA
GE(1),PROGRAM())
IF TYPE('gaErrors(1)')<>"U"
  release gaErrors
ENDIF
PUBLIC gaErrors(1,12)
ENDIF first trigger
private
pcParentDBF,pnParentRec,pcChildDBF,pnC
hildRec,pcParentID,pcChildID
  private pcParentExpr,pcChildExpr
store "" to
pcParentDBF,pcChildDBF,pcParentID,pcChi
ldID,pcParentExpr,pcChildExpr
store 0 to pnParentRec,pnChildRec
be sought in parent
  LOCAL lcChildID && child's value to be
sought in parent
  LOCAL lcParentWkArea && parentwork
area handle returned by riopen
  LOCAL lcChildWkArea && child's work
area
  LOCAL lcStartArea
lcStartArea=SELECT()
llRetVal=.T.
lcChildWkArea=SELECT()
SELECT (lcChildWkArea)

lcChildID=cod_grupo+cod_composicao+cod
_tipo+classe_serv+cod_ident
pcChildDBF=dbf(lcChildWkArea)
pnChildRec=RECNO(lcChildWkArea)
pcChildID=lcChildID

pcChildExpr="COD_GRUPO+COD_COMP
OSICAO+COD_TIPO+CLASSE_SERV+CO
D_IDENT"

lcParentWkArea=riopen("ser0010","iservico"
)
  IF lcParentWkArea<=0
    IF _triggerlevel=1
      do riend with .f.
    ENDIF AT the END of the highest
trigger level
    SELECT (lcStartArea)
    RETURN .f.
    ENDIF NOT able to OPEN the child work
area
    pcParentDBF=dbf(lcParentWkArea)

llRetVal=SEEK(lcChildID,lcParentWkArea)
pnParentRec=RECNO(lcParentWkArea)

```

```

=rireuse("ser0010",lcParentWkArea)
IF NOT llRetVal
do riorr with -1,"Insert restrict rule
violated.",",",""
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest
trigger level
SELECT (lcStartArea)
RETURN llRetVal
ENDIF
IF _triggerlevel=1
do riend with llRetVal
ENDIF AT the END of the highest trigger
level
SELECT (lcStartArea)
RETURN llRetVal
** End of Referential integrity insert
trigger for ser0070

```

```

*****
**_RI_FOOTER!@ Do NOT REMOVE
or MODIFY this line!!!!
@!_RI_FOOTER**28
TESTE.MNX

```

1.133 TESTE.MPR

```

*.:*****
*.:*****
*.:
*.: Procedure File TESTE.MPR
*.:
*.:
*.:
*.:
*.:
*.:
*.:
*.: Visual FoxPro Formatting wizard version
*.03
*.:*****
*.:
*.: teste
*
*.:*****
*.:*****
*
*
*
* * 12/09/97 TESTE.MPR
16:45:29
*
*
*
*.:*****
*.:*****
*
*
*
* * Copyright (C) 1997
*
*
* * , RJ 20010-170
*
* * Brasil
*
* * Description:
* * This PROGRAM was automatically
generated BY GENMENU.
*
*
*.:*****
*.:*****
*
*
*
* * Menu Definition
*

```

```

*
*****
*****
set systemenu to
set systemenu AUTOMATIC
DEFINE PAD _msm_file of _MSYSMENU
prompt "\<File" COLOR SCHEME 3 ;
NEGOTIATE Left ;
KEY ALT+f, "" ;
MESSAGE "Creates, opens, saves, prints
files or quits Visual FoxPro"
DEFINE PAD _msm_edit of _MSYSMENU
prompt "\<Edit" COLOR SCHEME 3 ;
KEY ALT+e, "" ;
MESSAGE "Edits text or current
selection"
DEFINE PAD _msm_view of _MSYSMENU
prompt "\<View" COLOR SCHEME 3 ;
KEY ALT+v, "" ;
MESSAGE "Changes display options"
DEFINE PAD _msm_windo of
_MSYSMENU prompt "\<Window" COLOR
SCHEME 3 ;
NEGOTIATE RIGHT ;
KEY ALT+W, "" ;
MESSAGE "Manipulates windows,
displays Command and View windows"
DEFINE PAD _msm_system of
_MSYSMENU prompt "\<Help" COLOR
SCHEME 3 ;
KEY ALT+H, "" ;
MESSAGE "Displays Help on Visual
FoxPro"
on PAD _msm_file of _MSYSMENU
Activate POPUP _mfile
on PAD _msm_edit of _MSYSMENU
Activate POPUP _medit
on PAD _msm_view of _MSYSMENU
Activate POPUP _mview
on PAD _msm_windo of _MSYSMENU
Activate POPUP _mwindow
on PAD _msm_system of _MSYSMENU
Activate POPUP _msystem
DEFINE POPUP _mfile Margin RELATIVE
SHADOW COLOR SCHEME 4
DEFINE BAR _mfi_new of _mfile prompt
"\<New..." ;
KEY CTRL+N, "Ctrl+N" ;
MESSAGE "Creates a new file"
DEFINE BAR _mfi_open of _mfile prompt
"\<Open..." ;
KEY CTRL+O, "Ctrl+O" ;
MESSAGE "Opens an existing file"
DEFINE BAR _mfi_close of _mfile prompt
"\<Close" ;
MESSAGE "Closes the current file"
DEFINE BAR _mfi_clall of _mfile prompt
"Close All" ;
MESSAGE "Closes all windows"
DEFINE BAR _mfi_sp100 of _mfile prompt
"\_"
DEFINE BAR _mfi_save of _mfile prompt
"\<Save" ;
KEY CTRL+S, "Ctrl+S" ;
MESSAGE "Saves changes to the current
file"
DEFINE BAR _mfi_savas of _mfile prompt
"Save \<As..." ;
MESSAGE "Saves changes to the current
file with a new name"
DEFINE BAR _mfi_revrt of _mfile prompt
"\<Revert" ;

```

```

MESSAGE "Reverts the current file to the
last saved version"
DEFINE BAR _mfi_sp200 of _mfile prompt
"\_"
DEFINE BAR _mfi_import of _mfile prompt
"\<Import..." ;
MESSAGE "Imports a Visual FoxPro file
or a file from another application"
DEFINE BAR _mfi_export of _mfile prompt
"\<Export..." ;
MESSAGE "Exports a Visual FoxPro file
to another application's file"
DEFINE BAR _mfi_sp300 of _mfile prompt
"\_"
DEFINE BAR _mfi_pgset of _mfile prompt
"Page Set\<up..." ;
MESSAGE "Changes the page layout and
printer settings"
DEFINE BAR _mfi_prevu of _mfile prompt
"Print Pre\<view" ;
MESSAGE "Displays full pages as they
will be printed"
DEFINE BAR _mfi_print of _mfile prompt
"\<Print..." ;
KEY CTRL+P, "Ctrl+P" ;
MESSAGE "Prints a text file, contents of
the Command window, or contents of the
Clipboard"
DEFINE BAR _mfi_send of _mfile prompt
"Sen\<d..." ;
MESSAGE "Displays Mail window for
sending e-mail"
DEFINE BAR _mfi_sp400 of _mfile prompt
"\_"
DEFINE BAR _mfi_quit of _mfile prompt
"E\<xit" ;
MESSAGE "Quits Visual FoxPro"
DEFINE POPUP _medit Margin RELATIVE
SHADOW COLOR SCHEME 4
DEFINE BAR _med_undo of _medit prompt
"\<Undo" ;
KEY CTRL+Z, "Ctrl+Z" ;
MESSAGE "Undoes the last command or
action"
DEFINE BAR _med_redo of _medit prompt
"Re\<do" ;
KEY CTRL+R, "Ctrl+R" ;
MESSAGE "Repeats the last command or
action"
DEFINE BAR _med_sp100 of _medit prompt
"\_"
DEFINE BAR _med_cut of _medit prompt
"Cu\<t" ;
KEY CTRL+x, "Ctrl+X" ;
MESSAGE "Removes the selection and
places it onto the Clipboard"
DEFINE BAR _med_copy of _medit prompt
"\<Copy" ;
KEY CTRL+c, "Ctrl+C" ;
MESSAGE "Copies the selection onto the
Clipboard"
DEFINE BAR _med_paste of _medit prompt
"\<Paste" ;
KEY CTRL+v, "Ctrl+V" ;
MESSAGE "Pastes the contents of the
Clipboard"
DEFINE BAR _med_pstlk of _medit prompt
"Paste \<Special..." ;
MESSAGE "Pastes the Clipboard contents
as a linked object, embedded object, or other
object type"
DEFINE BAR _med_clear of _medit prompt
"Cle\<ar" ;
MESSAGE "Removes the selection and
does not place it onto the Clipboard"

```

```

DEFINE BAR _med_sp200 of _medit prompt
"\-"
DEFINE BAR _med_slcta of _medit prompt
"Se|<lect All" ;
KEY CTRL+a, "Ctrl+A" ;
MESSAGE "Selects all text or items in the
current window"
DEFINE BAR _med_sp300 of _medit prompt
"\-"
DEFINE BAR _med_find of _medit prompt
"\<Find..." ;
KEY CTRL+f, "Ctrl+F" ;
MESSAGE "Searches for specified text"
DEFINE BAR _med_repl of _medit prompt
"R|<eplace..." ;
KEY CTRL+L, "Ctrl+L" ;
MESSAGE "Replaces specified text with
different text"
DEFINE BAR _med_sp400 of _medit prompt
"\-"
DEFINE BAR _med_insob of _medit prompt
"\<Insert Object..." ;
MESSAGE "Embeds an object in a
General field type"
DEFINE BAR _med_obj of _medit prompt
"\<Object..." ;
MESSAGE "Edits the selected object"
DEFINE BAR _med_link of _medit prompt
"Lin|<ks..." ;
MESSAGE "Opens linked files or changes
links"

```

```

DEFINE POPUP _mview Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR _mvi_toolb of _mview prompt
"\<Toolbars..." ;
MESSAGE "Shows, hides, or customizes
toolbars"

```

```

DEFINE POPUP _mwindow Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR _mwi_arran of _mwindow
prompt "\<Arrange All" ;
MESSAGE "Arranges windows as non-
overlapping tiles"
DEFINE BAR _mwi_sp100 of _mwindow
prompt "\-"
DEFINE BAR _mwi_hide of _mwindow
prompt "\<Hide" ;
MESSAGE "Hides the active window"
DEFINE BAR _mwi_hidea of _mwindow
prompt "Hide All" ;
MESSAGE "Hides all windows"
DEFINE BAR _mwi_showa of _mwindow
prompt "Sh|<ow All" ;
MESSAGE "Shows all hidden windows"
DEFINE BAR _mwi_clear of _mwindow
prompt "Clea|<r" ;
MESSAGE "Clears text from the
application workspace or the current output
window"
DEFINE BAR _mwi_rotat of _mwindow
prompt "C|<yycle" ;
KEY CTRL+F1, "Ctrl+F1" ;
MESSAGE "Cycles through all open
windows"
DEFINE BAR _mwi_sp200 of _mwindow
prompt "\-"
DEFINE BAR _mwi_cmd of _mwindow
prompt "\<Command Window" ;
KEY CTRL+F2, "Ctrl+F2" ;
MESSAGE "Displays the Command
window"
DEFINE BAR _mwi_view of _mwindow
prompt "\<View Window" ;
MESSAGE "Displays the View window"

```

```

DEFINE POPUP _msystem Margin
RELATIVE SHADOW COLOR SCHEME 4
DEFINE BAR _mst_help of _msystem
prompt "\<Contents" ;
MESSAGE "Displays Help table of
contents"
DEFINE BAR _mst_hpsch of _msystem
prompt "\<Search for Help on..." ;
MESSAGE "Searches for Help topics by
keyword"
DEFINE BAR _mst_sp100 of _msystem
prompt "\-"
DEFINE BAR _mst_techs of _msystem
prompt "\<Technical Support" ;
MESSAGE "Displays Help on technical
support and common questions for Microsoft
Visual FoxPro"
DEFINE BAR _mst_sp200 of _msystem
prompt "\-"
DEFINE BAR _mst_office of _msystem
prompt "\<Office Compatible" ;
MESSAGE "Displays information about
Microsoft Office compatibility"
DEFINE BAR _mst_diary of _msystem
prompt "\-"
DEFINE BAR _mst_about of _msystem
prompt "\<About Microsoft Visual FoxPro..."
;
MESSAGE "Displays information about
Visual FoxPro and the system configuration"

```

1.134 USUARIOS.SCX

```

Name = "Dataenvironment"
Alias = "usuarios"
BufferModeOverride = 5
CursorSource = usuarios.dbf
Name = "CURSOR1"
ScaleMode = 3
Height = 191
ShowTips = .T.
AutoCenter = .T.
Caption = "USUARIOS"
Visible = .f.
LockScreen = .f.
Name = "Form1"
layoutsty.Shape1.Name = "Shape1"
layoutsty.Shape2.Name = "Shape2"
layoutsty.Shape3.Name = "Shape3"
layoutsty.Shape4.Name = "Shape4"
layoutsty.Left = 4004
layoutsty.Visible = .f.
layoutsty.Name = "layoutsty"
Label1.Caption = "USUARIOS"
Label1.Width = 140
Label1.Name = "Label1"
Shape1.Name = "Shape1"
Shape2.Name = "Shape2"
Shape3.Top = 135
Shape3.Name = "Shape3"
Shape4.Top = 136
Shape4.Name = "Shape4"
Caption = "Login_name:"
Left = 10
Top = 61
Visible = .T.
Width = 61
Name = "LBLLOGIN_NAME1"
Value = FELIPE
ControlSource = "usuarios.login_name"
Enabled = .f.
InputMask = "XXXXXX"
Left = 91
Top = 57

```

```

Visible = .T.
Width = 58
Name = "LOGIN_NAME1"
Caption = "Senha:"
Left = 10
Top = 84
Visible = .T.
Width = 61
Name = "LBLSENHA1"
Value = 041296
ControlSource = "usuarios.senha"
Enabled = .f.
InputMask = "XXXXXX"
Left = 91
Top = 80
Visible = .T.
Width = 58
Name = "SENHA1"
Caption = "Classeusu:"
Left = 10
Top = 107
Visible = .T.
Width = 61
Name = "LBLCLASSEUSU1"
Value = G
ControlSource = "usuarios.classeusu"
Enabled = .f.
InputMask = "X"
Left = 91
Top = 103
Visible = .T.
Width = 20
Name = "CLASSEUSU1"
Top = 148
Left = 29
Visible = .T.
oldTalk = off
viewkey = ("")
ParentKey =
ViewType = 3
GridAlias =
topfile = .T.
endfile = .f.
AddMode = .f.
nworkarea = 2
oldSetDelete = on
oldreprocess = 0
usedataenv = .f.
previewmode = .f.
previewinit = .T.
editmode = .f.
GridRef =
oldSetFields = off
oldMultiLocks = on
oldrefresh = 0
oldBuffering = 1
Name = "BUTTONSET1"
cmdPrev.Enabled = .f.
cmdPrev.Name = "cmdPrev"
cmdNext.Enabled = .T.
cmdNext.Name = "cmdNext"
cmdTop.Enabled = .f.
cmdTop.Name = "cmdTop"
cmdEnd.Enabled = .T.
cmdEnd.Name = "cmdEnd"
cmdFind.Enabled = .T.
cmdFind.Name = "cmdFind"
cmdPrint.Enabled = .T.
cmdPrint.Name = "cmdPrint"
cmdExit.Enabled = .T.
cmdExit.Name = "cmdExit"
cmdAdd.Picture =
(HOME()+ "WIZARDS\WIZBMPS\WZNEW
.BMP")
cmdAdd.DownPicture =
..\vfp\wizards\wizbmeps\wznew.bmp

```



```
cmdAdd.Enabled = .T.  
cmdAdd.Name = "cmdAdd"  
cmdDelete.Enabled = .T.  
cmdDelete.Name = "cmdDelete"
```

```
cmdEdit.Picture =  
(HOME()+"WIZARDS\WIZBMPS\WZEDIT  
.BMP")  
cmdEdit.DownPicture =  
..\..\vfp\wizards\wizbmps\wzedit.bmp
```

```
cmdEdit.Enabled = .T.  
cmdEdit.Name = "cmdEdit"
```


