

Sub UnifiedMacro()

' Initialisation de l'objet EXTRA et connexion à la session IMS

Set Sys = Nothing

Set Sys = CreateObject("EXTRA.System")

If (Sys Is Nothing) Then

MsgBox "Impossible de créer l'objet du système EXTRA.", vbCritical

Exit Sub

End If

' Sélection de la première session IMS active

Dim ims As Object

Dim EcranIMS As Object

Dim SessionFound As Boolean

SessionFound = False

Dim i As Integer

For i = 1 To Sys.Sessions.Count

Set ims = Sys.Sessions.Item(i)

If ims.Visible Then

Set EcranIMS = ims.Screen

SessionFound = True

Exit For

End If

Next i

```
If Not SessionFound Then

    MsgBox "Aucune session IMS active trouvée.", vbCritical

    Exit Sub

End If
```

```
MsgBox "La Macro peut elle commencé ?"
```

```
Dim lignevar As Integer
```

```
lignevar = 2
```

```
With ActiveWorkbook.Worksheets("SOURCE")
```

```
    While .Cells(lignevar, 1) <> ""
```

```
        ' Code principal de la macro
```

```
' Partie CESP
```

```
    ' Positionnement au menu principal dans IMS
```

```
    Do While Not ((EcranIMS.Row = 4 And EcranIMS.Col = 10) Or (EcranIMS.Row = 5  
And EcranIMS.Col = 11))
```

```
        EcranIMS.SendKeys "<Pf11>"
```

```
        Application.Wait (Now + TimeValue("0:00:01"))
```

```
    Loop
```

```
EcranIMS.PutString "CESP"
```

```
EcranIMS.SendKeys "<Enter>"
```

```
While EcranIMS.getstring(1, 4, 6) <> "MACESP"
```

```
Wend
```

```

Application.Wait (Now + TimeValue("0:00:01"))

' Entrer la référence dans IMS

Dim RefXL As String

RefXL = .Cells(lignevar, 1)

EcranIMS.SendKeys RefXL

Application.Wait (Now + TimeValue("0:00:01"))

EcranIMS.SendKeys "<Enter>"

EcranIMS.PutString "C", 6, 8 ' Entrer "C" pour valider

EcranIMS.PutString "03", 7, 24 ' Magasin

EcranIMS.SendKeys "<tab><tab><tab><tab><tab><tab>"

EcranIMS.SendKeys .Cells(lignevar, 2).Value ' Date Valide du

EcranIMS.SendKeys "311249" ' Date Au fixe

EcranIMS.SendKeys .Cells(lignevar, 2).Value ' Date Appli RCF

EcranIMS.PutString .Cells(lignevar, 3).Value, 12, 21 ' TYESP1

EcranIMS.PutString .Cells(lignevar, 4).Value, 12, 47 ' ETIQESP1

EcranIMS.PutString .Cells(lignevar, 5).Value, 12, 65 ' GRAFESP1

EcranIMS.PutString .Cells(lignevar, 6).Value, 14, 5 ' ARRESP2

EcranIMS.PutString Format(.Cells(lignevar, 7).Value, "000000"), 14, 10 'UN2

EcranIMS.PutString .Cells(lignevar, 8).Value, 14, 21 ' TYESP2

EcranIMS.PutString .Cells(lignevar, 9).Value, 14, 47 ' ETIQESP2

EcranIMS.PutString .Cells(lignevar, 10).Value, 14, 65 ' GRAFESP2

EcranIMS.PutString "0", 16, 5 ' ARR3

```

```
EcranIMS.PutString "0", 18, 5 ' ARR4
```

```
' Suppression des champs spécifiques en les remplissant avec des espaces
```

```
EcranIMS.PutString " ", 16, 10 ' QTE3
```

```
EcranIMS.PutString " ", 16, 21 ' EMB3
```

```
EcranIMS.PutString " ", 16, 45 ' ETQ3
```

```
EcranIMS.PutString " ", 18, 10 ' QTE4
```

```
EcranIMS.PutString " ", 18, 21 ' Emballage4
```

```
EcranIMS.PutString "", 13, 47 ' ETIQ4
```

```
EcranIMS.PutString " ", 13, 32 ' ETIQ4
```

```
EcranIMS.PutString " ", 19, 32 ' ETIQ4
```

```
EcranIMS.PutString " ", 17, 32 ' ETIQ4
```

```
EcranIMS.PutString " ", 18, 47 ' ETIQ4
```

```
Application.Wait (Now + TimeValue("0:00:02"))
```

```
' Envoyer <Enter> pour valider l'entrée
```

```
EcranIMS.SendKeys "<Enter>"
```

```
.Cells(lignevar, 18).Value = "OK"
```

```
' ---- Partie CPHY ----
```

```
' Positionnement sur le menu principal
```

```
EcranIMS.SendKeys ""
```

```
' Mise en place de l'écran sur IMS
```

```
EcranIMS.SendKeys "CPHY"
```

```
While EcranIMS.getstring(1, 4, 6) <> "MACPHY"
```

```
Wend
```

```
Application.Wait (Now + TimeValue("0:00:01"))
```

```
RefXL = .Cells(lignevar, 1)
```

```

Application.Wait (Now + TimeValue("0:00:01"))

' Entrer la référence

EcranIMS.SendKeys RefXL

Application.Wait (Now + TimeValue("0:00:01"))

EcranIMS.SendKeys ""

' Vérifier si une erreur TACPHY est présente

If EcranIMS.getstring(3, 2, 52) = "TACPHY -002- REFERENCE INCONNUE DANS LE
DICTIONNAIRE" Then

GoTo refsuiv

End If

' Tabuler jusqu'au champ de largeur

EcranIMS.SendKeys ""

While EcranIMS.Row <> 12 Or EcranIMS.Col <> 16

Wend

' Entrer la largeur formatée avec 4 zéros

Dim Largeur As String

Largeur = Format(Sheets("SOURCE").Cells(lignevar, 12).Value, "0000")

EcranIMS.SendKeys Largeur

' Avancer au champ de Volume

While EcranIMS.Row <> 12 Or EcranIMS.Col <> 36

Wend

' Entrer le volume

EcranIMS.SendKeys Format(Sheets("SOURCE").Cells(lignevar, 15).Value, "0000000000") '
10 chiffres avec 0

' Avancer au champ de Poids

While EcranIMS.Row <> 12 Or EcranIMS.Col <> 61

Wend

' Entrer le poids formaté

EcranIMS.SendKeys Format(Sheets("SOURCE").Cells(lignevar, 14).Value, "0000000") ' 7
chiffres avec 0

' Entrer la longueur formatée avec 4 zéros

Dim Longueur As String

```

```
Longueur = Format(Sheets("SOURCE").Cells(lignevar, 11).Value, "0000")
```

```
While EcranIMS.Row <> 13 Or EcranIMS.Col <> 16
```

```
Wend
```

```
EcranIMS.SendKeys Longueur
```

```
' Entrer la hauteur formatée avec 4 zéros
```

```
Dim Hauteur As String
```

```
Hauteur = Format(Sheets("SOURCE").Cells(lignevar, 13).Value, "0000")
```

```
While EcranIMS.Row <> 14 Or EcranIMS.Col <> 16
```

```
Wend
```

```
EcranIMS.SendKeys Hauteur
```

```
' Entrer la DLU envoyer "0000"
```

```
EcranIMS.SendKeys "0000"
```

```
While EcranIMS.Row <> 20 Or EcranIMS.Col <> 30
```

```
Wend
```

```
' Entrer le code pays
```

```
EcranIMS.PutString .Cells(lignevar, 16).Value, 10, 67
```

```
Application.Wait (Now + TimeValue("0:00:01"))
```

```
' Valider et marquer le statut CPHY
```

```
EcranIMS.SendKeys ""
```

```
While Not ((EcranIMS.Row = 4 And EcranIMS.Col = 10) Or (EcranIMS.Row = 5 And  
EcranIMS.Col = 11))
```

```
EcranIMS.SendKeys "<Pf11>"
```

```
Application.Wait (Now + TimeValue("0:00:01"))
```

```
Wend
```

```
.Cells(lignevar, 17).Value = "OK"
```

```
' ---- Partie DDEIMP ----
```

```
Do While Not ((EcranIMS.Row = 4 And EcranIMS.Col = 10) Or (EcranIMS.Row = 5  
And EcranIMS.Col = 11))
```

```
EcranIMS.SendKeys "<Pf11>"
```

```
Application.Wait (Now + TimeValue("0:00:01"))
```

```

Loop

EcranIMS.PutString "DDEIMP"

EcranIMS.SendKeys "<Enter>"

While EcranIMS.getstring(1, 4, 3) <> "728"

    Application.Wait (Now + TimeValue("0:00:01"))

Wend

EcranIMS.SendKeys RefXL

Application.Wait (Now + TimeValue("0:00:01"))

EcranIMS.SendKeys "<Enter>"

' Attendre que le curseur atteigne la position de la colonne 50

While EcranIMS.Row <> 7 Or EcranIMS.Col <> 50

    Application.Wait (Now + TimeValue("0:00:01"))

Wend

' Envoyer le texte "10" en ligne 7, colonne 50

EcranIMS.SendKeys "10"

EcranIMS.SendKeys "<Enter>"

EcranIMS.SendKeys "<Pf6>"

.Cells(lignevar, 19).Value = "OK"

' MsgBox "Implantation Fini pour la ref : " & RefXL

```

refsuiv:

```

' MsgBox "traitement de la prochaine ref"

```

```
' Passer à la ligne suivante
```

```
lignevar = lignevar + 1
```

```
Wend
```

```
End With
```

```
MsgBox "Implantation Fini des références"
```

```
End Sub
```