Sub CreateMasterFastenerShipList()

''Pivot Table Section of Macro

Dim MyPath As String, FilesInPath As String

Dim MyFiles() As String

Dim SourceRcount As Long, Fnum As Long

Dim mybook As Workbook, BaseWks As Worksheet

Dim sourceRange As Range, destrange As Range

Dim rnum As Long, CalcMode As Long

'Fill in the path\folder where the files are

MyPath = InputBox("Enter a file path", "Paste the Folder Directory")

'Add a slash at the end if the user forgets it

If Right(MyPath, 1) <> "\" Then

MyPath = MyPath & "\"

End If

'If there are no Excel files in the folder exit the sub

FilesInPath = Dir(MyPath & "\*.xl\*")

If FilesInPath = "" Then

MsgBox "No files found"

Exit Sub

End If

'Fill the array(myFiles)with the list of Excel files in the folder

Fnum = 0

Do While FilesInPath <> ""

Fnum = Fnum + 1

ReDim Preserve MyFiles(1 To Fnum)

MyFiles(Fnum) = FilesInPath

FilesInPath = Dir()

Loop

'Change ScreenUpdating, Calculation and EnableEvents

With Application

CalcMode = .Calculation

.Calculation = xlCalculationManual

.ScreenUpdating = False

.EnableEvents = False

End With

'Add a new workbook with one sheet

Set BaseWks = Workbooks.Add(xlWBATWorksheet).Worksheets(1)

rnum = 1

'Loop through all files in the array(myFiles)

If Fnum > 0 Then

For Fnum = LBound(MyFiles) To UBound(MyFiles)

Set mybook = Nothing

On Error Resume Next

Set mybook = Workbooks.Open(MyPath & MyFiles(Fnum))

On Error GoTo 0

If Not mybook Is Nothing Then

On Error Resume Next

With mybook.Worksheets(1)

Set sourceRange = .Range("A11:D200")

End With

If Err.Number > 0 Then

Err.Clear

Set sourceRange = Nothing

Else

'if SourceRange use all columns then skip this file

If sourceRange.Columns.Count >= BaseWks.Columns.Count Then

Set sourceRange = Nothing

End If

End If

On Error GoTo 0

If Not sourceRange Is Nothing Then

SourceRcount = sourceRange.Rows.Count

If rnum + SourceRcount >= BaseWks.Rows.Count Then

MsgBox "Sorry there are not enough rows in the sheet"

BaseWks.Columns.AutoFit

mybook.Close savechanges:=False

GoTo ExitTheSub

Else

'Copy the file name in column A

With sourceRange

BaseWks.Cells(rnum, "A"). \_

Resize(.Rows.Count).Value = MyFiles(Fnum)

End With

'Set the destrange

Set destrange = BaseWks.Range("B" & rnum)

'we copy the values from the sourceRange to the destrange

With sourceRange

Set destrange = destrange. \_

Resize(.Rows.Count, .Columns.Count)

End With

destrange.Value = sourceRange.Value

rnum = rnum + SourceRcount

End If

End If

mybook.Close savechanges:=False

End If

Next Fnum

BaseWks.Columns.AutoFit

End If

ExitTheSub:

'Restore ScreenUpdating, Calculation and EnableEvents

With Application

.ScreenUpdating = True

.EnableEvents = True

.Calculation = CalcMode

End With

Application.ScreenUpdating = False

Sheets("Sheet1").Select

Sheets("Sheet1").Name = "Combined"

Range("A1:E14865").Select

Range(Selection, Selection.End(xlDown)).Select

'Insert! Insert! Insert!

Rows("1:1").Select

Selection.Insert Shift:=xlDown, CopyOrigin:=xlFormatFromLeftOrAbove

Range("A1").Select

ActiveCell.FormulaR1C1 = "WORKBOOK NAME"

Range("B1").Select

ActiveCell.FormulaR1C1 = "ITEM"

Range("C1").Select

ActiveCell.FormulaR1C1 = "QTY"

Range("D1").Select

ActiveCell.FormulaR1C1 = "PART #"

Range("E1").Select

ActiveCell.FormulaR1C1 = "PART DESCRIPTION"

ActiveSheet.ListObjects.Add(xlSrcRange, Range("$A:$E"), , xlYes).Name = \_

"Table1"

Columns("A:E").Select

'Insert! Insert! Insert!

Sheets.Add

ActiveWorkbook.PivotCaches.Create(SourceType:=xlDatabase, SourceData:= \_

"Table1", Version:=xlPivotTableVersion15).CreatePivotTable TableDestination \_

:="Sheet2!R3C1", TableName:="PivotTable1", DefaultVersion:= \_

xlPivotTableVersion15

Sheets("Sheet2").Select

Cells(3, 1).Select

Sheets("Sheet2").Select

Sheets("Sheet2").Name = "Combined Ship List"

With ActiveSheet.PivotTables("PivotTable1").PivotFields("PART #")

.Orientation = xlRowField

.Position = 1

End With

ActiveSheet.PivotTables("PivotTable1").AddDataField ActiveSheet.PivotTables( \_

"PivotTable1").PivotFields("QTY"), "Count of QTY", xlCount

With ActiveSheet.PivotTables("PivotTable1").PivotFields("Count of QTY")

.Caption = "Sum of QTY"

.Function = xlSum

End With

With ActiveSheet.PivotTables("PivotTable1").PivotFields("PART #")

'.PivotItems("PART #").Visible = False

.PivotItems("(blank)").Visible = False

End With

Range("A3").Select

ActiveSheet.PivotTables("PivotTable1").PivotFields("ITEM").Subtotals = Array( \_

False, False, False, False, False, False, False, False, False, False, False, False)

ActiveSheet.PivotTables("PivotTable1").PivotFields("QTY").Subtotals = Array( \_

False, False, False, False, False, False, False, False, False, False, False, False)

ActiveSheet.PivotTables("PivotTable1").PivotFields("PART #").Subtotals = Array( \_

False, False, False, False, False, False, False, False, False, False, False, False)

ActiveSheet.PivotTables("PivotTable1").PivotFields("Part Description"). \_

Subtotals = Array(False, False, False, False, False, False, False, False, False, False, \_

False, False)

With ActiveSheet.PivotTables("PivotTable1")

.ColumnGrand = False

.RowGrand = False

End With

ActiveSheet.PivotTables("PivotTable1").RowAxisLayout xlTabularRow

ActiveSheet.PivotTables("PivotTable1").RepeatAllLabels xlRepeatLabels

Range("A3:B200").Select

With Selection

.HorizontalAlignment = xlGeneral

.VerticalAlignment = xlCenter

.WrapText = False

.Orientation = 0

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = False

End With

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlCenter

.WrapText = False

.Orientation = 0

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = False

End With

Cells.Select

Cells.EntireColumn.AutoFit

Range("A3:B200").Select

Selection.Borders(xlDiagonalDown).LineStyle = xlNone

Selection.Borders(xlDiagonalUp).LineStyle = xlNone

With Selection.Borders(xlEdgeLeft)

.LineStyle = xlContinuous

.ColorIndex = 0

.TintAndShade = 0

.Weight = xlThin

End With

With Selection.Borders(xlEdgeTop)

.LineStyle = xlContinuous

.ColorIndex = 0

.TintAndShade = 0

.Weight = xlThin

End With

With Selection.Borders(xlEdgeBottom)

.LineStyle = xlContinuous

.ColorIndex = 0

.TintAndShade = 0

.Weight = xlThin

End With

With Selection.Borders(xlEdgeRight)

.LineStyle = xlContinuous

.ColorIndex = 0

.TintAndShade = 0

.Weight = xlThin

End With

With Selection.Borders(xlInsideVertical)

.LineStyle = xlContinuous

.ColorIndex = 0

.TintAndShade = 0

.Weight = xlThin

End With

With Selection.Borders(xlInsideHorizontal)

.LineStyle = xlContinuous

.ColorIndex = 0

.TintAndShade = 0

.Weight = xlThin

End With

Cells.Select

Range("D24").Activate

Cells.EntireColumn.AutoFit

ActiveWindow.SmallScroll Down:=-36

Range("A3").Select

Range("D38").Select

Sheets("Combined").Select

Cells.Select

Range("F15").Activate

Cells.EntireColumn.AutoFit

ActiveWindow.SmallScroll Down:=-21

Sheets("Combined Ship List").Select

Range("A3").Select

'' Insert Blank Ship List Document, Copy Data from Pivot Table, and Delete All Blank Rows Below Last Data Row But One

ChDir "W:\Engineering\Template File for Master Ship List Macro"

Workbooks.Open Filename:= \_

"W:\Engineering\Template File for Master Ship List Macro\Blank Master Fastener Ship List.xlsm"

Sheets("Sheet1").Select

ActiveSheet.Buttons.Add(0.6, 24.6, 47.4, 31.2).Select

Sheets("Sheet1").Copy Before:=Workbooks("Sheet1").Sheets(1)

Windows("Blank Master Fastener Ship List.xlsm").Activate

ActiveWindow.Close savechanges:=False

Sheets("Combined Ship List").Select

Range("A4").Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Selection.Copy

Sheets("Sheet1").Select

Range("C12").Select

Selection.PasteSpecial paste:=xlPasteValues, Operation:=xlNone, SkipBlanks \_

:=False, Transpose:=False

Sheets("Combined Ship List").Select

ActiveWindow.SmallScroll Down:=-36

Range("B4").Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Application.CutCopyMode = False

Selection.Copy

ActiveWindow.SmallScroll Down:=3

Sheets("Sheet1").Select

Range("B12").Select

Selection.PasteSpecial paste:=xlPasteValues, Operation:=xlNone, SkipBlanks \_

:=False, Transpose:=False

Range("C12").Select

Sheets("Combined Ship List").Select

ActiveWindow.ScrollRow = 23

ActiveWindow.ScrollRow = 22

ActiveWindow.ScrollRow = 21

ActiveWindow.ScrollRow = 20

ActiveWindow.ScrollRow = 18

ActiveWindow.ScrollRow = 17

ActiveWindow.ScrollRow = 15

ActiveWindow.ScrollRow = 13

ActiveWindow.ScrollRow = 11

ActiveWindow.ScrollRow = 9

ActiveWindow.ScrollRow = 7

ActiveWindow.ScrollRow = 5

ActiveWindow.ScrollRow = 3

ActiveWindow.ScrollRow = 2

ActiveWindow.ScrollRow = 1

Range("A1").Select

Sheets("Sheet1").Select

Range("B12:C12").Select

Range(Selection, Selection.End(xlDown)).Select

Selection.End(xlDown).Select

ActiveWindow.SmallScroll Down:=-51

Range("B12:C12").Select

Range(Selection, Selection.End(xlDown)).Select

Range("B13").Select

ActiveWindow.SmallScroll Down:=-12

Range("B12").Select

Range(Selection, Selection.End(xlDown)).Select

Range("B13").Select

Range(Selection, Selection.End(xlDown)).Select

Range("B12").Select

ActiveWindow.SmallScroll Down:=-18

Range("B12").Select

Range(Selection, Selection.End(xlDown)).Select

Range("B12:B200").Select

ActiveWindow.SmallScroll Down:=-48

Range("A10:K10").Select

Application.CutCopyMode = False

Selection.AutoFilter

Range("A10:K10").Select

Selection.AutoFilter

Range("B11:C11").Select

Selection.AutoFilter

ActiveWindow.SmallScroll Down:=-9

Range("B11:C11").Select

Range("C11").Activate

Selection.AutoFilter

Range("B11:C11").Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Selection.AutoFilter

ActiveWindow.SmallScroll Down:=-15

ActiveSheet.Range("$B$11:$C$200").AutoFilter Field:=1, Criteria1:="="

Range(Selection, Selection.End(xlDown)).Select

ActiveSheet.Range("$B$11:$C$200").AutoFilter Field:=1

Range("B11:C11").Select

Selection.AutoFilter

Range("B11").Select

ActiveWindow.SmallScroll Down:=54

' Rows("66:66").Select

' Selection.Insert Shift:=xlDown, CopyOrigin:=xlFormatFromLeftOrAbove

' Rows("65:65").Select

' Selection.Insert Shift:=xlDown, CopyOrigin:=xlFormatFromLeftOrAbove

' Range("B66:C66").Select

' Selection.Copy

' Range("B66:C66").Select

' Application.CutCopyMode = False

' Selection.Copy

' Range("B65").Select

' ActiveSheet.paste

' Range("B66:C66").Select

' Application.CutCopyMode = False

' Selection.ClearContents

' Range("B65").Select

' ActiveWindow.SmallScroll Down:=-87

Range("A1").Select

Cells.Replace What:="F0467", Replacement:="V000344", LookAt:=xlPart, \_

SearchOrder:=xlByRows, MatchCase:=False, SearchFormat:=False, \_

ReplaceFormat:=False

Range("A1").Select

ChDir "S:\\_MEDept\Macros\Excel Macro\AX2012R2"

Workbooks.Open Filename:= \_

"C:\Support\ExportBOM\ExportBOMAx2012.xlsx"

Windows("Sheet1").Activate

Sheets("Sheet1").Select

Sheets("Sheet1").Name = "Ship List"

Range("B12:C12").Select

Range(Selection, Selection.End(xlDown)).Select

Range(Selection, Selection.End(xlDown)).Select

Selection.Copy

Range(Selection, Selection.End(xlUp)).Select

Range(Selection, Selection.End(xlUp)).Select

Range(Selection, Selection.End(xlUp)).Select

Range(Selection, Selection.End(xlUp)).Select

Range(Selection, Selection.End(xlUp)).Select

Range(Selection, Selection.End(xlUp)).Select

Range(Selection, Selection.End(xlUp)).Select

Range("A1").Select

Windows("ExportBOMAx2012.xlsx").Activate

Range("B6").Select

ActiveSheet.paste

Dim i As Integer

For i = 1 To 200

Cells(i, 3).Select

Next i

Range("C6").Select

Windows("Sheet1").Activate

Range("A1").Select

Range("D6").Select

Range(Selection, Selection.End(xlDown)).Select

ActiveWindow.SmallScroll Down:=12

Range(Selection, Selection.End(xlDown)).Select

Selection.Copy

Windows("Sheet1").Activate

Range("D12").Select

Application.CutCopyMode = False

ActiveCell.FormulaR1C1 = "='[ExportBOMAx2012.xlsx]EXPORT AS BOM'!$D$6"

Range("D12").Select

ActiveCell.FormulaR1C1 = "='[ExportBOMAx2012.xlsx]EXPORT AS BOM'!D6"

Range("D12").Select

Selection.NumberFormat = "General"

Range("D12").Select

Selection.NumberFormat = "General"

Range("D13").Select

ActiveCell.FormulaR1C1 = ""

Range("D12").Select

ActiveCell.FormulaR1C1 = "2"

Range("D12").Select

Range("D12").Select

ActiveCell.FormulaR1C1 = "='[ExportBOMAx2012.xlsx]EXPORT AS BOM'!R[-6]C"

Range("D12").Select

Selection.AutoFill Destination:=Range("D12:D200")

Range("D12:D200").Select

Cells.Select

Cells.EntireRow.AutoFit

Range("A1").Select

ActiveWindow.SmallScroll Down:=-12

Range("D12").Select

Range(Selection, Selection.End(xlDown)).Select

Selection.Copy

Selection.PasteSpecial paste:=xlPasteValues, Operation:=xlNone, SkipBlanks \_

:=False, Transpose:=False

Range("A1").Select

Windows("ExportBOMAx2012.xlsx").Activate

Range("A1:C1").Select

ActiveWindow.SmallScroll Down:=-21

Windows("Sheet1").Activate

Range("A1").Select

' Range("A12").Select

' Application.CutCopyMode = False

' ActiveCell.FormulaR1C1 = "1"

' Range("A13").Select

' ActiveCell.FormulaR1C1 = "2"

' Range("A12:A13").Select

' Selection.AutoFill Destination:=Range("A12:A200")

' Range("A12:A200").Select

' Range("A1").Select

Windows("ExportBOMAx2012.xlsx").Activate

ActiveWindow.SmallScroll Down:=-63

Range("A6:A8").Select

Range(Selection, Selection.End(xlDown)).Select

Application.CutCopyMode = False

Selection.Copy

Windows("Sheet1").Activate

Range("A12").Select

Selection.PasteSpecial paste:=xlPasteValues, Operation:=xlNone, SkipBlanks \_

:=False, Transpose:=False

Range("A1").Select

Windows("ExportBOMAx2012.xlsx").Activate

ActiveWindow.SmallScroll Down:=-66

Range("A1:C1").Select

Application.ScreenUpdating = True

End Sub