Sub QueuedStockMacro()

'

' QueuedStock Macro

' by Karl Drews

'

Dim TodaysDate As String

Dim RowCount As Long

Dim LongRowCount As Long

Dim ZeroCount As Long

Dim NameofFile As String

Dim SecondSheet As Worksheet

Dim OneSheetCount As Long

Dim YesterdaysDate As String

YesterdaysDate = Format(Date, "yyyymmdd")

TodaysDate = Format(Date, "m-d-yy")

NameofFile = "Queued Stock Requests " & TodaysDate & ".xlsx"

' Open new workbook

Set NewBook = Workbooks.Add

With NewBook

.Title = NameofFile

.SaveAs FileName:="R:\Distribution Operations Reporting\Queued Stock Request\" & NameofFile

End With

'Open most recent Queued Stock report

Workbooks.Open FileName:= \_

"\\DEVP122\Public\queued\_stock\_requests\_" & YesterdaysDate & ".xls"

'Check to see if there is a second sheet

On Error Resume Next

Set SecondSheet = Sheets("Sheet 2")

On Error GoTo 0

'Copy Sheet1 to new workbook

If SecondSheet Is Nothing Then

OneSheetCount = Sheets("Sheet 1").UsedRange.Rows.Count

Range("A1:K" & OneSheetCount).Copy Destination:=Workbooks(NameofFile).Sheets("Sheet1").Range("A1")

Else

Range("A1:K65000").Copy Destination:=Workbooks(NameofFile).Sheets("Sheet1").Range("A1")

End If

'Copy Sheet2 to new workbook (if needed)

Windows("queued\_stock\_requests\_" & YesterdaysDate & ".xls").Activate

If Not SecondSheet Is Nothing Then

RowCount = Sheets("Sheet 2").UsedRange.Rows.Count

Sheets("Sheet 2").Range("A2:K" & RowCount).Copy Destination:=Workbooks(NameofFile).Sheets("Sheet1").Range("A65001")

End If

'Close original Queued Stock report

Workbooks("queued\_stock\_requests\_" & YesterdaysDate & ".xls").Close

'Rename sheets

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

Worksheets.Add(After:=Worksheets("All")).Name = "Old"

Sheets("All").Activate

'Name column L header and insert formula into column (change to Number format)

If OneSheetCount > 0 Then

LongRowCount = OneSheetCount

Else

LongRowCount = 64999 + RowCount

End If

Range("L1") = "Days Since Original Queued Date"

Range("L2:L" & LongRowCount).Formula = "=TODAY()-K2"

Range("L2:L" & LongRowCount).NumberFormat = "0"

Range("L2:L" & LongRowCount) = Range("L2:L" & LongRowCount).Value

'Change L cells with "zero" value to yellow (also count how many for later copy paste function)

'ZeroCount integer counts how many "greater than 7" values for later copy and paste after sortation

For Each Mycell In Range("L2:L" & LongRowCount)

If Mycell.Value > 7 Then

Mycell.Interior.ColorIndex = 44

ZeroCount = ZeroCount + 1

End If

Next Mycell

'Sort by "Days Since Original Queued Date"

Range("A1:L" & LongRowCount).Sort key1:=Range("L1"), order1:=xlDescending, Header:=xlYes

'Copy and Paste old values to "Old" worksheet

Range("A1:L" & (ZeroCount + 1)).Copy Destination:=Sheets("Old").Range("A1")

'Format Workbook

format\_workbook.main

'Pivot for "All" worksheet

Sheets.Add

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

"All!A1:L" & LongRowCount, Version:=xlPivotTableVersion15).CreatePivotTable \_

TableDestination:="Sheet3!R3C1", TableName:="PivotTable1", DefaultVersion \_

:=xlPivotTableVersion15

Sheets("Sheet3").Select

Cells(3, 1).Select

With ActiveSheet.PivotTables("PivotTable1").PivotFields("QUEUED\_HUB")

.Orientation = xlRowField

.Position = 1

End With

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

"PivotTable1").PivotFields("QUEUED\_HUB"), "Count of QUEUED\_HUB", xlCount

With ActiveSheet.PivotTables("PivotTable1").PivotFields("QUEUED\_HUB")

.Orientation = xlRowField

.Position = 1

End With

ActiveSheet.Name = "AllPivot"

'Pivot for "Old" workbook

Sheets("Old").Select

Range("A1").Select

Sheets.Add

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

"Old!A1:L" & ZeroCount + 1, Version:=xlPivotTableVersion15).CreatePivotTable \_

TableDestination:="Sheet4!R3C1", TableName:="PivotTable2", DefaultVersion \_

:=xlPivotTableVersion15

Sheets("Sheet4").Select

Cells(3, 1).Select

ActiveSheet.PivotTables("PivotTable2").AddDataField ActiveSheet.PivotTables( \_

"PivotTable2").PivotFields("QUEUED\_HUB"), "Count of QUEUED\_HUB", xlCount

With ActiveSheet.PivotTables("PivotTable2").PivotFields("QUEUED\_HUB")

.Orientation = xlRowField

.Position = 1

End With

ActiveSheet.Name = "OldPivot"

ActiveWorkbook.Save

End Sub