Case "RequestFPDS".ToUpper

Dim structXML() As RequestFPDS

structXML = ReadXML\_RequestFPDS(document)

Dim iUniqueULIDs As Integer = (From c In structXML Select c.UNIT\_LOAD\_ID Distinct).Count

strA35StatusfromDB = ReadTrailer\_FPDS\_MessageTypeFromDB(structXML(0).TRUCK\_LINE, structXML(0).TRAILER\_NUMBER)

If iUniqueULIDs = UBound(structXML) + 1 Then

'all ULs are unique

Else

WriteLog(gcstrError, strRootTag.ToUpper & Space(1) & " WMS Sent Duplicate ULIDs " & structXML(0).TRUCK\_LINE & Space(2) & structXML(0).TRAILER\_NUMBER)

End If

If structXML(0).MESSAGE\_TYPE = "A35" Then

'check to see if request already exists, if not then insert the request

If strA35StatusfromDB = "A35" Or strA35StatusfromDB = "A35S" Then

'consecutive A35 received - start with clean slate - ok per retrotech

lRecordsAffected = DeleteDatafromEmulatorDBTablewithWhereClause("TRAILER\_FPDS", \_

"TRAILER\_NUMBER='" & structXML(0).TRAILER\_NUMBER & "' and TRUCK\_LINE ='" & structXML(0).TRUCK\_LINE & "'", False)

WriteLog(gcstrProcessed, "Removed from WCS DB " & structXML(0).TRUCK\_LINE & "|" & structXML(0).TRAILER\_NUMBER & Space(1) & RecordAffectedMessage(lRecordsAffected, gcstrDelete))

'create the new entry

InsertInto\_TRAILER\_FPDS(structXML(0).MESSAGE\_TYPE, structXML(0).TRAILER\_NUMBER, \_

structXML(0).TRUCK\_LINE, structXML(0).LINE\_COUNT)

WriteLog(gcstrProcessed, strRootTag.ToUpper & Space(1) & structXML(0).TRUCK\_LINE & Space(2) & structXML(0).TRAILER\_NUMBER & " (Consecutive A35s received)")

ElseIf strA35StatusfromDB = "D35" Then

WriteLog(gcstrError, strRootTag.ToUpper & Space(1) & "Message Rejected - D35 Already Exists (RTCIS Needs to Send M35)" & structXML(0).TRUCK\_LINE & Space(2) & structXML(0).TRAILER\_NUMBER)

ElseIf strA35StatusfromDB = "M35" Then

WriteLog(gcstrError, strRootTag.ToUpper & Space(1) & "Message Rejected - M35 Already Exists (RTCIS Needs to Send D35 then M35)" & structXML(0).TRUCK\_LINE & Space(2) & structXML(0).TRAILER\_NUMBER)

Else

InsertInto\_TRAILER\_FPDS(structXML(0).MESSAGE\_TYPE, structXML(0).TRAILER\_NUMBER, \_

structXML(0).TRUCK\_LINE, structXML(0).LINE\_COUNT)

WriteLog(gcstrProcessed, strRootTag.ToUpper & Space(1) & structXML(0).TRUCK\_LINE & Space(2) & structXML(0).TRAILER\_NUMBER)

End If

ElseIf structXML(0).MESSAGE\_TYPE = "M35" Then

If structXML(0).ACTIV\_INPUT\_LOCATION.Length = 0 Then

WriteLog(gcstrError, strRootTag.ToUpper & Space(1) & "M35 Missing Conveyor Input Location " & structXML(0).TRUCK\_LINE & Space(2) & structXML(0).TRAILER\_NUMBER)

ElseIf Array.IndexOf(Activ\_Input\_Conveyors, structXML(0).ACTIV\_INPUT\_LOCATION) = -1 Then

WriteLog(gcstrError, strRootTag.ToUpper & Space(1) & "M35 Invalid Conveyor Input Location (Add via Configuration/Infeed Menu) " & structXML(0).TRUCK\_LINE & Space(2) & structXML(0).TRAILER\_NUMBER)

Else

If strA35StatusfromDB = "D35" Then

Update\_TRAILER\_FPDS(structXML(0).TRUCK\_LINE, structXML(0).TRAILER\_NUMBER, structXML(0).MESSAGE\_TYPE, structXML(0).ACTIV\_INPUT\_LOCATION)

WriteLog(gcstrProcessed, strRootTag.ToUpper & Space(1) & "RTCIS Override " & structXML(0).TRUCK\_LINE & Space(2) & structXML(0).TRAILER\_NUMBER & " to " & structXML(0).ACTIV\_INPUT\_LOCATION)

Else

WriteLog(gcstrError, strRootTag.ToUpper & Space(1) & "Message Rejected - An Existing Request in D35 Status does not exist " & structXML(0).TRUCK\_LINE & Space(2) & structXML(0).TRAILER\_NUMBER)

End If

End If

ElseIf structXML(0).MESSAGE\_TYPE = "D35" Then

If strA35StatusfromDB = "A35S" Or strA35StatusfromDB = "M35" Then

Update\_TRAILER\_FPDS(structXML(0).TRUCK\_LINE, structXML(0).TRAILER\_NUMBER, structXML(0).MESSAGE\_TYPE, structXML(0).ACTIV\_INPUT\_LOCATION)

' consider adding lRecordsAffected

WriteLog(gcstrProcessed, strRootTag.ToUpper & Space(1) & structXML(0).TRUCK\_LINE & Space(2) & structXML(0).TRAILER\_NUMBER)

ElseIf strA35StatusfromDB = "A35" Then

Update\_TRAILER\_FPDS(structXML(0).TRUCK\_LINE, structXML(0).TRAILER\_NUMBER, structXML(0).MESSAGE\_TYPE, structXML(0).ACTIV\_INPUT\_LOCATION)

' consider adding lRecordsAffected

WriteLog(gcstrINFO, strRootTag.ToUpper & Space(1) & structXML(0).TRUCK\_LINE & Space(2) & structXML(0).TRAILER\_NUMBER & "D35 Processed But WCS Had Not Sent A35 Response (Status was A35 not A35S)")

Else

WriteLog(gcstrError, strRootTag.ToUpper & Space(1) & "Message Rejected - An Existing Request in A35S or M35 Status does not exist " & structXML(0).TRUCK\_LINE & Space(2) & structXML(0).TRAILER\_NUMBER)

End If

End If

Case Else

WriteLog(gcstrINFO, "Unknown Message Received" & Space(1) & strRootTag)

End Select