ASI Macro

```vba
Private Sub Worksheet_Change(ByVal Target As Range)
    Dim ws As Worksheet
    Set ws = ThisWorkbook.Sheets("Current Week") ' Change to your sheet name

    Dim colDropdown As Integer, colETD As Integer, colSSL As Integer, colNVO As Integer
    colDropdown = 29  ' AC column
    colETD = 30       ' AD column
    colSSL = 31       ' AE column
    colNVO = 32       ' AF column or whatever column you want to use for NVO

    ' Define the target values and corresponding columns to check
    Dim targetValues As Variant
    targetValues = Array("S/O released", "Booking with NVO", "Booking with Contract Carrier", "Checking
space with Contract Carrier", "Checking space with NVO", "Cargo is not ready and will arrange space once
confirmed CRD", "Space fully allocated for the week looking for options for the following week", "Vendor
Cancelled Booking", "Vendor for factory HOLD/Payment/Quality Issue", "Vendor shipping under their own
contract", "SO Not Released by Carrier/NVO")

    Dim requiredColumns As Variant
    requiredColumns = Array(Array(colETD, colSSL), Array(colETD, colNVO), Array(colETD, colSSL),
Array(colSSL), Array(colNVO), Array(), Array(colSSL), Array(), Array(), Array(), Array(colETD, colNVO))

    Dim i As Integer
    Dim missingFields As String
    Dim j As Integer
    Dim userInput As String

    ' Check if the change happened in the dropdown column
    If Not Intersect(Target, ws.Columns(colDropdown)) Is Nothing Then
        For i = LBound(targetValues) To UBound(targetValues)
            If Target.Value = targetValues(i) Then
                ' Prompt for each required field
                For j = LBound(requiredColumns(i)) To UBound(requiredColumns(i))
                    Do
                        If IsEmpty(ws.Cells(Target.Row, requiredColumns(i)(j)).Value) Then
                            missingFields = ws.Cells(1, requiredColumns(i)(j)).Value
                            userInput = InputBox("Please enter a value for " & missingFields & " for " & targetValues(i)
& ".")

                            ' Fill in the cell with the user's input
                            If userInput <> "" Then
                                ws.Cells(Target.Row, requiredColumns(i)(j)).Value = userInput
                            Else
                                MsgBox "This field is required. Please enter a value.", vbExclamation
                            End If
                        End If
                    Loop Until ws.Cells(Target.Row, requiredColumns(i)(j)).Value <> ""
                Next j
                Exit For
```

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        End If
    Next i
  End If
End If
End Sub
```

If a new option needs to be added which needs input from the user

- Update the VB Script: look at the red area

targetValues = Array("S/O released", "Booking with NVO", "Booking with Contract Carrier", "Checking space with Contract Carrier", "Checking space with NVO", "Cargo is not ready and will arrange space once confirmed CRD", "Space fully allocated for the week looking for options for the following week", "Vendor Cancelled Booking", "Vendor for factory HOLD/Payment/Quality Issue", "Vendor shipping under their own contract", "SO Not Released by Carrier/NVO","Enter comment here")

Dim requiredColumns As Variant
requiredColumns = Array(Array(colETD, colSSL), Array(colETD, colNVO), Array(colETD, colSSL), Array(colSSL), Array(colNVO), Array(), Array(colSSL), Array(), Array(), Array(), Array(colETD, colNVO),Array(enter which inputs are needed))

- Just these parts need to be updated in VB
- And new row to be added in the sheet -Orgin List
- In the sheet Current week, click on the column "Orogin Comments"
    - Got to Data in the menu bar
        - Got to data validation
        - It will prompt the range of rows selected in the Origin list
        - Just update it
- Save the file