Step 1 - Go to se38, copy the program RCS15001 to a custom program.

Step 2 - Make the following changes in the code.

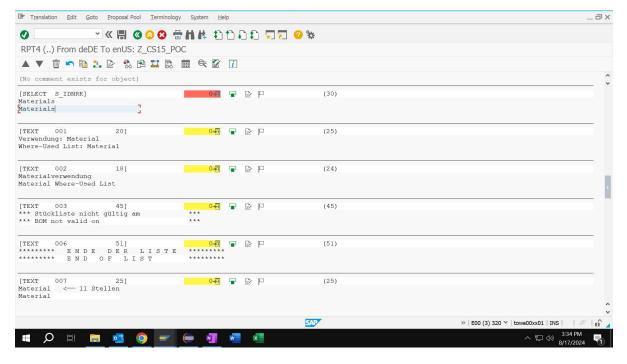
```
Report
                 Z CS15 POC
                                                  Active
                  ATAB-Tabellen
        *---
    12
    13
        TABLES:
                                                                        "YHG087082
    14
         * Positionstypen
    15
          t418,
                                                                        "YHG022170
         * Aenderungsdienst; Steuerungsdaten
    17
          tcc08,
    18
           mara.
                                                                        "YHG087082
         DATA: It Itb TYPE STANDARD TABLE OF stpov.
    19
         DATA: tmat_revlv LIKE aeoi-revlv.
DATA: revl sdatu LIKE sy-datum.
                                                                         "YHG083168
    21
                                                                         "YHG083168
         DATA: wu_ctab_loopx LIKE sy-tabix.
                                                                        "YHG125492
         DATA: stack prevx LIKE sy-tabix.
                                                                        "YHG125492
         DATA: ltb_loopx LIKE sy-tabix.
                                                                        "YHG125492
         DATA: 1tb strtx LIKE sy-tabix.
                                                                        "YHG125492
         DATA: act_level LIKE stpov-level.
                                                                        "YHG125492
    27
         DATA: stack flag LIKE csdata-xfeld.
                                                                        "YHG125492
    28
         DATA: pop_flag LIKE csdata-xfeld.
                                                                        "YHG125492
         DATA: end_flag LIKE csdata-xfeld.
                                                                        "YHG125492
    30
         *d DATA: SAV RMENG LIKE STPO-MENGE.
                                                                "YHG125492"HGA131954
    31
         DATA: sav_frmng TYPE f.
                                                                        "HGA131954
    32
       33
                                                                          "YHG125492
                                                                          "YHG125492
    34
                 INCLUDE STRUCTURE stpov.
                                                                         "YHG125492
                                                                                          | AB... | Ln 8 Col
                                   SAP

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```

Step 3 - Make the multiple selection available for the material -

```
Z CS15 POC
Report
                                              Active
  102
  103
               Selektionsparameter
  104
       SELECT-OPTIONS: s idnrk FOR mara-matnr OBLIGATORY NO INTERVALS.
  105
  106
       PARAMETERS:
  107 □ * Material
      *del PM IDNRK LIKE STPO-IDNRK MEMORY ID MAT,
  108
                                                                     "YHG078090
        pm_idnrk LIKE stpo-idnrk MEMORY ID mat NO-DISPLAY, "YHG078090
  109
  110
        * Werk
                     LIKE marc-werks MEMORY ID wrk,
  111
         pm_werks
  112
       * Stuecklistenverwendung
        pm_stlan
  113
                     LIKE stzu-stlan,
  114
        * Datum gueltig ab
         pm_datuv LIKE stpo-datuv DEFAULT sy-datum,
  115
        * Datum gueltig bis
  116
         pm_datub
  117
                   LIKE stpo-datuv DEFAULT sy-datum,
  118 □ * direkte Verwendung
      *del PM DIRKT LIKE CSDATA-XFELD DEFAULT 'X',
                                                          "YHG000381 "YHG077295
  119
         pm_dirkt LIKE csdata-xfeld,
  120
                                                                   "YHG077295
  121
        * Verwendung ueber Klassen
  122
         pm_uebkl
                                                                   "YHG000381
                     LIKE csdata-xfeld,
  123
        * mehrstufig
        pm_mehrs
  124
                      LIKE csdata-xfeld,
                                                                   "YHG125492
        * Einsatzmenge
         pm_emeng LIKE stpo-menge,
  126
  127
          zugehoeriges SUBMIT-Hilfsfeld:
  128
          pm hemng (13) TYPE n NO-DISPLAY,
  129
        * Ergebnismenge
                                SAP
                                                                      » | E00 (1) 320 ♥ |
```

Step 4 - Go to SE63 and then translate the text from DE to EN.



Step 5 - Making changes before the where used list call

```
Report
                  Z_CS15_POC
                                                    Active
   361
             Status SA15 setzen
SET PF-STATUS 'SA15'.
   363
   364
               Materialverwendung einstufig
   365
             SET TITLEBAR 'A01'.
   366
           ENDIF.
                                                                          "HGA246532
   367
   368
           PERFORM prep_chk_types.
                                                                          "YHG110068
   369
           PERFORM prep_multilv.
                                                                           "YHG125492
   370
   371
             sicherheitshalber MatMusseingabe pruefen
   372
           CHECK NOT pm_idnrk IS INITIAL.
   373
   374
            numerische Eingaben anpassen
   375
376
           PERFORM fit_input_01.
   377
         * Revisionslevel-Suchdatum festlegen
   378
           PERFORM get_revl_sdatu.
                                                                          "YHG083168
   380
       □ LOOP AT s_idnrk.
   381
           pm_idnrk = s_idnrk-low.
           PERFORM get_wu_recs
USING pm_idnrk
   382
                                                                           "YHG125492
   383
                                                                           "YHG125492
                                                                           "YHG125492
   384
                    pm_werks
   385
                     pm_stlan.
                                                                           "YHG125492
        ENDLOOP. <
   386
   387
   388
         * ErrCheck
```

Step 6 - Make changes in the subroutine GET_WU_RECS, here in every BAPI call of CS_WHERE_USED_MAT replace the standard internal table version - STB with LT_STB

Earlier in Standard -

```
Report
                   RCS15001
                                                       Active
                 alle direkten Verwendungen nach LTB holen CALL FUNCTION 'CS_WHERE_USED_MAT'
 1240
 1241
                      EXPORTING
 1242
                            datub = pm_datub
                            datuv = pm_datuv

MATNR = PM_IDNRK

matnr = lcl_matnr
 1243
 1244
          *del
                            postp = pm_postp
 1247
          *del
                            STLAN = PM STLAN
                            stlan = lcl_stlan
 1248
 1249
          *de1
                            WERKS = PM WERKS
                            werks = lcl werks
                            STLTP = STLTP_IN
                      IMPORTING
                            topmat = selpool
 1254
                      TABLES
                            wultb = ltb
 1256
                            equicat = equicat
                            kndcat = kndcat
 1258
                            matcat = matcat
 1259
                            stdcat = stdcat
                            tplcat = tplcat
 1260
                            prjcat = prjcat
 1261
 1262
                      EXCEPTIONS
                            CALL_INVALID
                            material_not_found
                                                           = 02
= 03
 1264
                            no_where_used_rec_found
                            no_where_used_rec_selected = 04
```

Scope: \FORM get wu recs\IF

In custom -

```
Z_CS15_POC
                                                  Active
Report
             CALL FUNCTION 'CS WHERE USED MAT'
  1177
               EXPORTING
 1178
                 datub
                                              = pm datub
 1179
                                              = pm_datuv
                 datuv
 1180
         *del
                          MATNR = PM_IDNRK
                                              = lcl matnr
 1181
                 matnr
 1182
                 postp
                                              = pm_postp
 1183
         *del
                          STLAN = PM_STLAN
 1184
                 stlan
                                              = lcl stlan
                          WERKS = PM_WERKS
 1185
         *del
 1186
                 werks
                                              = lcl_werks
 1187
                 stltp
                                              = stltp_in
               IMPORTING
 1188
 1189
                 topmat
                                              = selpool
 1190
               TABLES
                                              = lt_ltb (
 1191
                 wultb
 1192
                 equicat
                                              = equicat
                                              = kndcat
 1193
                 kndcat
 1194
                 matcat
                                              = matcat
 1195
                 stdcat
                                              = stdcat
 1196
                 tplcat
                                              = tplcat
 1197
                 prjcat
                                              = prjcat
 1198
               EXCEPTIONS
 1199
                 CALL INVALID
                                              = 01
                                              = 02
                 material_not_found
                 no_where_used_rec_found
                                              = 03
                 no_where_used_rec_selected = 04
  1203
                 no_where_used_rec_valid
                                              = 05.
Scope: \FORM get_wu_recs\IF
                                   SAP
```

Step 7 - At the last of the Subroutine call the APPEND statement for LTB

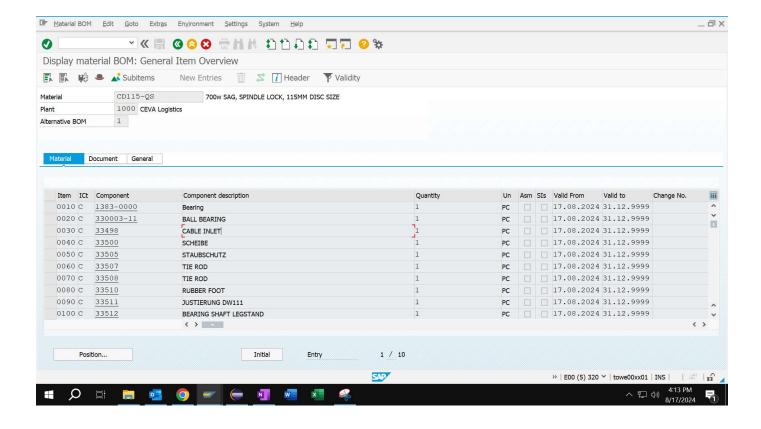
```
Z_CS15_POC
                                                    Active
Report
                TABLES
  1265
                                                = lt ltb
                  wultb
  1266
                  equicat
                                                = equicat
  1267
                  kndcat
                                                = kndcat
                                               = matcat
  1268
                  matcat
  1269
                  stdcat
                                                = stdcat
  1270
                  tplcat
                                                = tplcat
               EXCEPTIONS
                  CALL INVALID
  1272
                                               = 02
  1273
                 material_not_found
                  no_where_used_rec_found = 03
  1274
  1275
                  no where used rec selected = 04
  1276
                  no_where_used_rec_valid = 05.
  1277
           ENDIF.
           PERFORM get_sales_order_data.
APPEND LINES OF lt_ltb[] TO ltb[].
  1278
  1279
  1280
        ENDFORM.
  1281
  1282
  1283
         *eject
       □ FORM mng_dsp_new.

DATA: tmp_flt1 TYPE f,
  1284
  1285
                  tmp_flt2 TYPE f.
  1286
  1287
  1288
  1289
  1290
         * abs. Btrg.
  1291 | IF ltb-msign = '-'.
Scope: \FORM get_wu_recs\IF
```

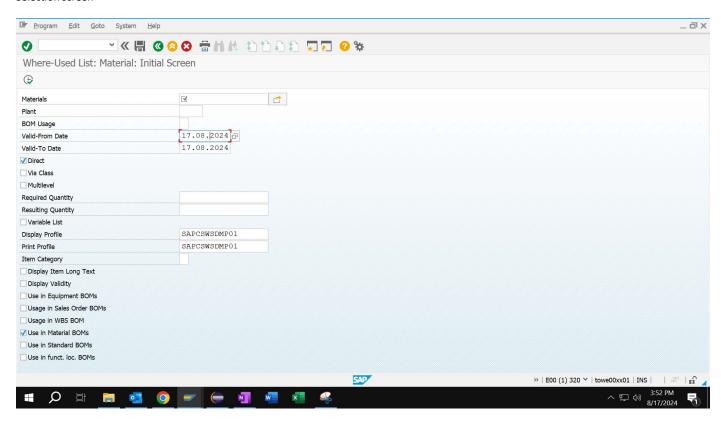
Step 8 - Refresh the tables accordingly.

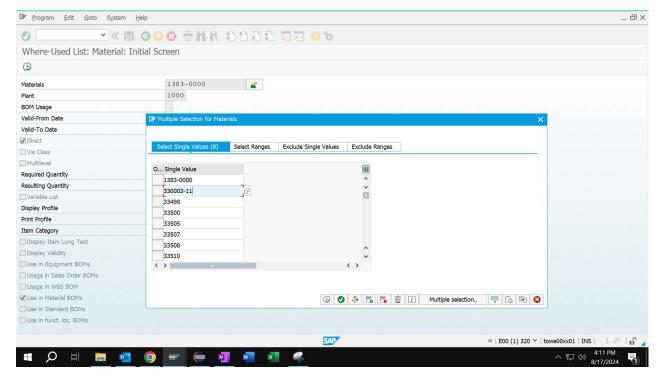
```
Z CS15 POC
Report
                                                  Active
   375
         * numerische Eingaben anpassen
           PERFORM fit_input_01.
   376
   377
  378
         * Revisionslevel-Suchdatum festlegen
  379
           PERFORM get revl sdatu.
                                                                        "YHG083168
           REFRESH ltb[].
  380
   381 E LOOP AT s idnrk.
   382
            pm idnrk = s idnrk-low.
            REFRESH lt_ltb[]. PERFORM get_wu_recs
   383
  384
                                                                        "YHG125492
   385
               USING pm_idnrk
                                                                        "YHG125492
                                                                        "YHG125492
   386
                      pm werks
   387
                      pm stlan.
                                                                        "YHG125492
  388
           ENDLOOP.
   389
   390
         * ErrCheck
   391 E CASE sy-subrc.
```

Make BOM -



Selection screen -





Result -

