```
*&---------------------------------------------------------------------*
*& Report  ZB3_BDC_SS_REPORT
*&
*&---------------------------------------------------------------------*
*&
*&
*&---------------------------------------------------------------------*

REPORT  ZB3_BDC_SS_REPORT NO STANDARD PAGE HEADING LINE-COUNT 27 LINE-SIZE 225.
TYPES : BEGIN OF TY_FILE,
        LINE(500) TYPE C,
         END OF TY_FILE.
TYPES : TT_FILE TYPE STANDARD TABLE OF TY_FILE INITIAL SIZE 1.
DATA : T_FILE TYPE TT_FILE,
       W_FILE TYPE TY_FILE.
DATA : V_MATNR TYPE MATNR,
       V_MBRSH TYPE MBRSH,
       V_MAKTX TYPE MAKTX,
       V_MTART TYPE MTART,
       V_MEINS TYPE MEINS.
DATA : T_BDC TYPE STANDARD TABLE OF BDCDATA INITIAL SIZE 1,
       W_BDC TYPE BDCDATA.

PARAMETERS P_PATH TYPE STRING.


AT SELECTION-SCREEN ON VALUE-REQUEST FOR P_PATH.
  CALL FUNCTION 'GUI_FILE_LOAD_DIALOG'
    IMPORTING
      FULLPATH = P_PATH.
  CALL FUNCTION 'GUI_UPLOAD'
    EXPORTING
      FILENAME                = P_PATH
    TABLES
      DATA_TAB                = T_FILE
    EXCEPTIONS
      FILE_OPEN_ERROR         = 1
      FILE_READ_ERROR         = 2
      NO_BATCH                = 3
      GUI_REFUSE_FILETRANSFER = 4
      INVALID_TYPE            = 5
      NO_AUTHORITY            = 6
      UNKNOWN_ERROR           = 7
      BAD_DATA_FORMAT         = 8
      HEADER_NOT_ALLOWED      = 9
      SEPARATOR_NOT_ALLOWED   = 10
      HEADER_TOO_LONG         = 11
      UNKNOWN_DP_ERROR        = 12
      ACCESS_DENIED           = 13
      DP_OUT_OF_MEMORY        = 14
      DISK_FULL               = 15
      DP_TIMEOUT              = 16
      OTHERS                  = 17.
  IF SY-SUBRC <> 0.
    MESSAGE TEXT-001 TYPE 'I'.
    LEAVE LIST-PROCESSING.
  ENDIF.

START-OF-SELECTION.

CALL FUNCTION 'BDC_OPEN_GROUP'
```

```abap
    EXPORTING
      GROUP                  = 'ZGRP'
      KEEP                   = 'X'
    EXCEPTIONS
      CLIENT_INVALID         = 1
      DESTINATION_INVALID    = 2
      GROUP_INVALID          = 3
      GROUP_IS_LOCKED        = 4
      HOLDDATE_INVALID       = 5
      INTERNAL_ERROR         = 6
      QUEUE_ERROR            = 7
      RUNNING                = 8
      SYSTEM_LOCK_ERROR      = 9
      USER_INVALID           = 10
      OTHERS                 = 11.
  IF SY-SUBRC <> 0.
* Implement suitable error handling here
  ENDIF.

END-OF-SELECTION.

  LOOP AT T_FILE INTO W_FILE.
    CLEAR T_BDC.

    SPLIT W_FILE-LINE AT ';' INTO V_MATNR V_MBRSH V_MTART V_MAKTX V_MEINS.

    PERFORM ZSCREN USING 'SAPLMGMM' '0060' 'X'.
    PERFORM ZVAL USING 'BDC_CURSOR' 'RMMG1-MTART'.
    PERFORM ZVAL USING 'BDC_OKCODE' '=AUSW'.
    PERFORM ZVAL USING 'RMMG1-MATNR' V_MATNR.
    PERFORM ZVAL USING 'RMMG1-MBRSH' V_MBRSH.
    PERFORM ZVAL USING 'RMMG1-MTART' V_MTART.
    PERFORM ZSCREN USING 'SAPLMGMM' '0070' 'X'.
    PERFORM ZVAL USING 'BDC_CURSOR' 'MSICHTAUSW-DYTXT(01)'.
    PERFORM ZVAL USING 'BDC_OKCODE' '=ENTR'.
    PERFORM ZVAL USING 'MSICHTAUSW-KZSEL(01)' 'X'.
    PERFORM ZSCREN USING 'SAPLMGMM' '4004' 'X'.
    PERFORM ZVAL USING 'BDC_OKCODE' '=BU'.
    PERFORM ZVAL USING 'MAKT-MAKTX' V_MAKTX.
    PERFORM ZVAL USING 'BDC_CURSOR' 'MARA-MEINS'.
    PERFORM ZVAL USING 'MARA-MEINS' V_MEINS.
    PERFORM ZVAL USING 'MARA-MTPOS_MARA' 'NORM'.

     CALL FUNCTION 'BDC_INSERT'
    EXPORTING
      TCODE              = 'MM01'
    TABLES
      DYNPROTAB          = T_BDC
    EXCEPTIONS
      INTERNAL_ERROR     = 1
      NOT_OPEN           = 2
      QUEUE_ERROR        = 3
      TCODE_INVALID      = 4
      PRINTING_INVALID   = 5
      POSTING_INVALID    = 6
      OTHERS             = 7.
  IF SY-SUBRC <> 0.
* Implement suitable error handling here
  ENDIF.

  ENDLOOP.
```

```abap
CALL FUNCTION 'BDC_CLOSE_GROUP'
  EXCEPTIONS
    NOT_OPEN            = 1
    QUEUE_ERROR         = 2
    OTHERS              = 3
           .
IF SY-SUBRC <> 0.
* Implement suitable error handling here
ENDIF.

*&---------------------------------------------------------------------*
*&      Form  ZSCREN
*&---------------------------------------------------------------------*
*       text
*----------------------------------------------------------------------*
*  -->  p1        text
*  <--  p2        text
*----------------------------------------------------------------------*
FORM ZSCREN  USING P_PRO
                   P_DYNPRO
                   P_NEW.
  W_BDC-PROGRAM = P_PRO.
  W_BDC-DYNPRO = P_DYNPRO.
  W_BDC-DYNBEGIN = P_NEW.
  APPEND W_BDC TO T_BDC.
  CLEAR W_BDC.


ENDFORM.                    " ZSCREN
*&---------------------------------------------------------------------*
*&      Form  ZVAL
*&---------------------------------------------------------------------*
*       text
*----------------------------------------------------------------------*
*      -->P_0192   text
*      -->P_0193   text
*----------------------------------------------------------------------*
FORM ZVAL  USING P_FNAM
                 P_FVAL.

  W_BDC-FNAM = P_FNAM.
  W_BDC-FVAL = P_FVAL.
  APPEND W_BDC TO T_BDC.
  CLEAR W_BDC.

ENDFORM.                    " ZVAL
```