

```

*&-----*
*& Report ZCAP_BAPI_MATERIAL_UPLOAD
*&-----*
*&
*&-----*
REPORT ZCAP_BAPI_MATERIAL_UPLOAD LINE-SIZE 800.

INCLUDE ZCAP_BAPI_MATERIAL_UPLOAD_INCL. " Include Program

SELECTION-SCREEN BEGIN OF BLOCK B1 WITH FRAME TITLE TEXT-001.

PARAMETERS P_FILE TYPE RLGRAP-FILENAME. "Local file for upload

SELECTION-SCREEN END OF BLOCK B1.

AT SELECTION-SCREEN ON VALUE-REQUEST FOR P_FILE. " validation for Value Request

CALL FUNCTION 'F4_FILENAME'
EXPORTING
  PROGRAM_NAME = SYST-CPROG
  DYNPRO_NUMBER = SYST-DYNNR
IMPORTING
  FILE_NAME = P_FILE.

START-OF-SELECTION.
DATA P_FILE1 TYPE STRING.
P_FILE1 = P_FILE.

CALL FUNCTION 'GUI_UPLOAD' " Upload for Data Provider
EXPORTING
  FILENAME = P_FILE1
  FILETYPE = 'ASC'
  HAS_FIELD_SEPARATOR = 'X'
TABLES
  DATA_TAB = IT_TAB1.

LOOP AT IT_TAB1 INTO WA_TAB1.

  BAPIMATHEAD-MATERIAL = WA_TAB1-MATNR.
  BAPIMATHEAD-IND_SECTOR = WA_TAB1-MBRSH.
  BAPIMATHEAD-MATL_TYPE = WA_TAB1-MTART.
  BAPIMATHEAD-BASIC_VIEW = 'X'.

  BAPI_MARA-MATL_GROUP = WA_TAB1-MATKL.
  BAPI_MARA-BASE_UOM = WA_TAB1-MEINS.

  BAPI_MARAX-MATL_GROUP = 'X'.
  BAPI_MARAX-BASE_UOM = 'X'.

  WA_TAB2-LANGU = 'E'.
  WA_TAB2-MATL_DESC = WA_TAB1-MAKTX.
  APPEND WA_TAB2 TO IT_TAB2.

CALL FUNCTION 'BAPI_MATERIAL_SAVEDATA' " Calling RFC Function Module for Create and Change
                                         " Material Master Data for MM01 and MM02 T-codes.
EXPORTING
  HEADDATA = BAPIMATHEAD
  CLIENTDATA = BAPI_MARA
  CLIENTDATA_X = BAPI_MARAX
  PLANTDATA = BAPI_MARC
  PLANTDATA_X = BAPI_MARCX

```

```
IMPORTING
  RETURN                = IT_RETURN
TABLES
  MATERIALDESCRIPTION = IT_TAB2.

WRITE : / IT_RETURN-TYPE,           " Return Parameters displayed for BAPI Status
      3 IT_RETURN-ID,
     23 IT_RETURN-NUMBER,
     25 IT_RETURN-MESSAGE,
        IT_RETURN-LOG_NO,
        IT_RETURN-MESSAGE_V1,
        IT_RETURN-MESSAGE_V2,
        IT_RETURN-MESSAGE_V3,
        IT_RETURN-MESSAGE_V4,
        IT_RETURN-PARAMETER,
        IT_RETURN-ROW,
        IT_RETURN-FIELD.

ENDLOOP.
```