\*&---------------------------------------------------------------------\*

\*& Report ZWTY\_CLAIMS\_PAID\_MAIL

\*&---------------------------------------------------------------------\*

\*&

\*&---------------------------------------------------------------------\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* Confidential and Proprietary \*

\* Toyota Material Handling USA Inc \*

\* Copyright 2020 \*

\* All Rights Reserved \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* PROGRAM DETAILS \*

\* NAME : ZWTY\_CLAIMS\_PAID\_MAIL \*

\* TITLE : Sending mail with image attachment for claims paid \*

\* DEVELOPER : Mohit Parmar ( MPARMAR ) \*

\* FUNCTIONAL : Gaurav Gurbani \*

\* DATE : 15/04/2021 \*

\* SN # : STRY0010941 \*

\* REQUESTED BY : \*

\* TRANSPORT NO. : DEVK9A0SPF \*

\* TRANSACTION CODE : ````` \*

\* DESC. : The vendors AIchi and Tora Max require pictures \*

\* as attachments to be sent with the claims paid report. \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* Change history: \*

\* STRY# | TR | DEVELOPER | DESCRIPTION \*

\*STRY0011309 | DEVK9A0SXP | MPARMAR | Submit program needs to be \*

\* changed \*

\*STRY0011350 | DEVK9A0T0L | MPARMAR | Bug Fix \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

REPORT ZWTY\_CLAIMS\_PAID\_MAIL.

\*----------------------------------------------------------------------\*

\* ----------- INCLUDES ------------- \*

\*----------------------------------------------------------------------\*

INCLUDE ZWTY\_CLAIMS\_PAID\_MAIL\_SEL.

INCLUDE ZWTY\_CLAIMS\_PAID\_MAIL\_SUB.

\*----------------------------------------------------------------------\*

\* ----------- INITIALIZATION ------------- \*

\*----------------------------------------------------------------------\*

INITIALIZATION.

DATA(O\_DATA) = NEW LCL\_REPORT\_MAIN( ).

\*----------------------------------------------------------------------\*

\* ----------- START-OF-SELECTION ------------- \*

\*----------------------------------------------------------------------\*

START-OF-SELECTION.

O\_DATA->GET\_RPT\_DATA( ).

O\_DATA->GET\_IMG\_DTLS( ).

\*----------------------------------------------------------------------\*

\* ----------- END-OF-SELECTION ------------- \*

\*----------------------------------------------------------------------\*

END-OF-SELECTION.

\*&---------------------------------------------------------------------\*

\*& Include ZWTY\_CLAIMS\_PAID\_MAIL\_SUB

\*&---------------------------------------------------------------------\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* Change history: \*

\* STRY# | TR | DEVELOPER | DESCRIPTION \*

\*STRY0011309 | DEVK9A0SXP | MPARMAR | Submit program needs to be \*

\* changed \*

\*STRY0011350 | DEVK9A0T0L | MPARMAR | Bug Fix \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* --->Global Data Declarations

TYPES: BEGIN OF TY\_CLAIM,

CLMNO TYPE WTY\_CLMNO,

CLMTY TYPE WTY\_CLMTY,

END OF TY\_CLAIM,

BEGIN OF TY\_ADDR,

CLMTY TYPE WTY\_CLMTY,

ZITEMNO TYPE ZZ\_ITEMNO,

ZSMTP\_ADDR TYPE AD\_SMTPADR,

END OF TY\_ADDR,

BEGIN OF TY\_FILTER,

CLMTY TYPE WTY\_CLMTY,

END OF TY\_FILTER.

TYPES: TT\_SIGNAT TYPE STANDARD TABLE OF BAPISIGNAT,

TT\_COMPON TYPE STANDARD TABLE OF BAPICOMPON,

TT\_CLAIM TYPE STANDARD TABLE OF TY\_CLAIM,

TT\_ADDR TYPE STANDARD TABLE OF TY\_ADDR,

TT\_TAB TYPE STANDARD TABLE OF SOLIX.

DATA: GT\_CLAIM TYPE STANDARD TABLE OF TY\_CLAIM,

GS\_CLAIM TYPE TY\_CLAIM,

GT\_BINTAB TYPE STANDARD TABLE OF SOLIX,

GT\_SIGNT TYPE STANDARD TABLE OF BAPISIGNAT,

GT\_COMPT TYPE STANDARD TABLE OF BAPICOMPON,

GT\_FILTER TYPE HASHED TABLE OF TY\_FILTER WITH UNIQUE KEY CLMTY.

DATA: GS\_CLAIM\_FLAG TYPE ABAP\_BOOL,

GS\_SEND\_FLAG TYPE ABAP\_BOOL,

GS\_OBJKEY TYPE BAPIBDS01-OBJKEY,

GV\_EDATE(10) TYPE C.

DATA : W\_TEXT TYPE BCSY\_TEXT,

LV\_SUBJECT TYPE SO\_OBJ\_DES,

LV\_ATSUB TYPE SO\_OBJ\_DES,

W\_SENT\_TO\_ALL TYPE OS\_BOOLEAN,

T\_ATTACHMENT\_HEADER TYPE SOLI\_TAB,

W\_SEND\_REQUEST TYPE REF TO CL\_BCS,

W\_DOC TYPE REF TO CL\_DOCUMENT\_BCS,

W\_RECIPIENT TYPE REF TO CL\_CAM\_ADDRESS\_BCS,

W\_SENDER TYPE REF TO CL\_SAPUSER\_BCS,

L\_BCS\_EXCEPTION TYPE REF TO CX\_BCS,##NEEDED

WA\_ATTACHMENT\_HEADER LIKE LINE OF T\_ATTACHMENT\_HEADER.

CONSTANTS: GC\_ZTOR TYPE WTY\_CLMTY VALUE 'ZTOR',

GC\_ZTLC TYPE WTY\_CLMTY VALUE 'ZTLC'.

CONSTANTS : GC\_IMG(9) TYPE C VALUE 'BDS\_IMAGE',

GC\_ATC(10) TYPE C VALUE 'BDS\_ATTACH',

GC\_CLS(17) TYPE C VALUE 'BDS\_DOCUMENTCLASS',

GC\_JPG(3) TYPE C VALUE 'JPG',

GC\_JPEG(4) TYPE C VALUE 'JPEG',

GC\_BMP(3) TYPE C VALUE 'BMP',

GC\_PNG(3) TYPE C VALUE 'PNG'.

\* --> BEGIN OF CHANGE:MPARMAR:STRY0011350

DATA : GR\_RANGE TYPE RANGE OF CHAR4.

GR\_RANGE = VALUE #( SIGN = 'I' OPTION = 'EQ' ( LOW = GC\_JPG ) ( LOW = GC\_JPEG )

( LOW = GC\_BMP ) ( LOW = GC\_PNG ) ).

\* --> END OF CHANGE:MPARMAR:STRY0011350

\*----------------------------------------------------------------------\*

\* ----------- CLASS LCL\_REPORT\_MAIN DEFINITION ------------- \*

\*----------------------------------------------------------------------\*

CLASS LCL\_REPORT\_MAIN DEFINITION FINAL.

PUBLIC SECTION.

\*--->local Data Declarations

DATA: LT\_LIST TYPE STANDARD TABLE OF ABAPLIST,

TXTLINES TYPE STANDARD TABLE OF CHAR1024.

CONSTANTS : LC\_PI(1) TYPE C VALUE '|',

LC\_HY(3) TYPE C VALUE '-, '.

\*--->Method Declarations

METHODS : GET\_RPT\_DATA,

GET\_IMG\_DTLS,

GET\_EMAIL\_ID EXPORTING LT\_ADDR TYPE TT\_ADDR,

GET\_SEPRATE\_DATA EXPORTING LT\_ZTOR\_DATA TYPE TT\_CLAIM

LT\_ZTLC\_DATA TYPE TT\_CLAIM.

ENDCLASS. "LCL\_REPORT\_MAIN DEFINITION

\*----------------------------------------------------------------------\*

\* ----------- CLASS LCL\_REPORT\_MAIN DEFINITION ------------- \*

\*----------------------------------------------------------------------\*

CLASS LCL\_REPORT\_MAIN IMPLEMENTATION.

\* ----------- METHOD GET\_RPT\_DATA IMPLEMENTATION ------------- \*

METHOD GET\_RPT\_DATA.

CALL FUNCTION 'LIST\_FREE\_MEMORY'.

\* Calling the program ZWTY\_CLAIMS\_PAID\_JSOXOEM to get Paid Claims data,

\* using all the selection screen parameters.

SUBMIT ZWTY\_CLAIMS\_PAID\_JSOXOEM "Changed program name:STRY0011309:MPARMAR

WITH S\_PAYDT IN S\_PAYDT

WITH S\_PAYCD IN S\_PAYCD

WITH S\_WTYCD IN S\_WTYCD

WITH S\_CLMTY IN S\_CLMTY

WITH P\_DISP EQ ABAP\_TRUE "ADDED BY:MPARMAR:STRY0011309

EXPORTING LIST TO MEMORY AND RETURN.

CALL FUNCTION 'LIST\_FROM\_MEMORY'

TABLES

LISTOBJECT = LT\_LIST[]

EXCEPTIONS

NOT\_FOUND = 1

OTHERS = 2.

IF SY-SUBRC <> 0.

MESSAGE ID SY-MSGID TYPE SY-MSGTY NUMBER SY-MSGNO

WITH SY-MSGV1 SY-MSGV2 SY-MSGV3 SY-MSGV4.

ENDIF.

CALL FUNCTION 'LIST\_TO\_ASCI'

TABLES

LISTASCI = TXTLINES

LISTOBJECT = LT\_LIST[]

EXCEPTIONS

EMPTY\_LIST = 1

LIST\_INDEX\_INVALID = 2

OTHERS = 3.

IF SY-SUBRC <> 0.

MESSAGE ID SY-MSGID TYPE SY-MSGTY NUMBER SY-MSGNO

WITH SY-MSGV1 SY-MSGV2 SY-MSGV3 SY-MSGV4.

ENDIF.

\* Conversion of RAW data to internal table format.

LOOP AT TXTLINES INTO DATA(LWA\_TXTLINES).

IF SY-TABIX > 8.

IF LWA\_TXTLINES CO LC\_HY.

EXIT.

ENDIF.

\* Splitting claim no and claim type from the string and appending into internal table.

SPLIT LWA\_TXTLINES AT LC\_PI INTO DATA(LV\_BLNK) DATA(LV\_CLAIMNO)

\* DATA(LV\_ATC) DATA(LV\_CLTY) DATA(LV\_STR). "COMMENTED BY:MPARMAR:STRY0011309

DATA(LV\_CLTY) DATA(LV\_STR). "ADDED BY:MPARMAR:STRY0011309

CONDENSE:LV\_CLAIMNO.

IF LV\_CLTY CO GC\_ZTOR .

GS\_CLAIM-CLMNO = LV\_CLAIMNO. "CLAIM NO

GS\_CLAIM-CLMTY = GC\_ZTOR. "CLAIM TYPE

APPEND GS\_CLAIM TO GT\_CLAIM.

CLEAR : GS\_CLAIM,LWA\_TXTLINES.

ELSEIF LV\_CLTY CS GC\_ZTLC.

GS\_CLAIM-CLMNO = LV\_CLAIMNO. "CLAIM NO

GS\_CLAIM-CLMTY = GC\_ZTLC. "CLAIM TYPE

APPEND GS\_CLAIM TO GT\_CLAIM.

CLEAR : GS\_CLAIM,LWA\_TXTLINES.

ELSE.

CONTINUE.

ENDIF.

ENDIF.

ENDLOOP.

ENDMETHOD. "GET\_RPT\_DATA

\* --------- METHOD GET\_SEPRATE\_DATA IMPLEMENTATION ----------- \*

METHOD GET\_SEPRATE\_DATA.

\* Sepration of data based on claims type i.e. ZTOR & ZTLC.

REFRESH: GT\_FILTER,LT\_ZTOR\_DATA.

GT\_FILTER = VALUE #( ( CLMTY = GC\_ZTOR ) ).

LT\_ZTOR\_DATA = FILTER #( GT\_CLAIM IN GT\_FILTER WHERE CLMTY = CLMTY ).

REFRESH: GT\_FILTER,LT\_ZTLC\_DATA.

GT\_FILTER = VALUE #( ( CLMTY = GC\_ZTLC ) ).

LT\_ZTLC\_DATA = FILTER #( GT\_CLAIM IN GT\_FILTER WHERE CLMTY = CLMTY ).

ENDMETHOD. "GET\_SEPRATE\_DATA

\* ----------- METHOD GET\_EMAIL\_ID IMPLEMENTATION ------------- \*

METHOD GET\_EMAIL\_ID.

\* Fetching e-mail IDs for the mail to be sent for respective claim types

SELECT CLMTY,

ZITEMNO,

ZSMTP\_ADDR

FROM ZWTY\_JSOXOEM

INTO TABLE @LT\_ADDR

WHERE ( CLMTY = @GC\_ZTOR OR

CLMTY = @GC\_ZTLC ).

IF SY-SUBRC EQ 0.

SORT LT\_ADDR BY ZSMTP\_ADDR.

ENDIF.

ENDMETHOD. "GET\_EMAIL\_ID

\* ----------- METHOD GET\_IMG\_DTLS IMPLEMENTATION ------------- \*

METHOD GET\_IMG\_DTLS.

ME->GET\_SEPRATE\_DATA(

IMPORTING

LT\_ZTOR\_DATA = DATA(LT\_ZTOR\_CLAIMS)

LT\_ZTLC\_DATA = DATA(LT\_ZTLC\_CLAIMS) ).

ME->GET\_EMAIL\_ID(

IMPORTING

LT\_ADDR = DATA(LT\_RECEPIENTS) ).

IF LT\_ZTOR\_CLAIMS[] IS NOT INITIAL.

REFRESH: GT\_FILTER.

GT\_FILTER = VALUE #( ( CLMTY = GC\_ZTOR ) ).

DATA(LT\_RECEPT) = FILTER #( LT\_RECEPIENTS IN GT\_FILTER WHERE CLMTY = CLMTY ).

PERFORM F\_SEND\_EMAIL USING LT\_ZTOR\_CLAIMS[]

LT\_RECEPT[].

ENDIF.

IF LT\_ZTLC\_CLAIMS[] IS NOT INITIAL.

REFRESH: GT\_FILTER, LT\_RECEPT.

GT\_FILTER = VALUE #( ( CLMTY = GC\_ZTLC ) ).

LT\_RECEPT = FILTER #( LT\_RECEPIENTS IN GT\_FILTER WHERE CLMTY = CLMTY ).

PERFORM F\_SEND\_EMAIL USING LT\_ZTLC\_CLAIMS[]

LT\_RECEPT[].

ENDIF.

ENDMETHOD. "GET\_IMG\_DTLS

ENDCLASS. "LCL\_REPORT\_MAIN DEFINITION

\*&---------------------------------------------------------------------\*

\*& Form F\_GET\_IMG\_DATA

\*&---------------------------------------------------------------------\*

\* text

\*----------------------------------------------------------------------\*

\* <--P\_LT\_TAB text

\*----------------------------------------------------------------------\*

FORM F\_GET\_IMG\_DATA USING LS\_CLAIM TYPE TY\_CLAIM

CHANGING P\_LT\_TAB TYPE TT\_TAB.

DATA: T\_SIGNAT TYPE STANDARD TABLE OF BAPISIGNAT,

LT\_SIGNAT TYPE STANDARD TABLE OF BAPISIGNAT,

T\_COMPON TYPE STANDARD TABLE OF BAPICOMPON,

LT\_COMPON TYPE STANDARD TABLE OF BAPICOMPON,

LT\_CONTENT TYPE STANDARD TABLE OF BAPICONTEN,

LT\_ACONTNT TYPE STANDARD TABLE OF BAPIASCONT,

LF\_REF TYPE REF TO CX\_ROOT. "ADDED BY:MPARMAR:STRY0011350

DATA: LV\_DOCID TYPE BAPIBDS01-DOC\_ID,

LV\_BINLEN TYPE I,

LV\_XSTRING TYPE XSTRING.

REFRESH: T\_SIGNAT,T\_COMPON.

PERFORM F\_GET\_IMG\_DETAILS USING LS\_CLAIM

CHANGING T\_SIGNAT

T\_COMPON

GS\_CLAIM\_FLAG.

\* Since one claim# can have multiple images attached, therefore looping image

\* data recieved from FM and attaching in mail.

LOOP AT T\_SIGNAT INTO DATA(LS\_SIGNAT).

\* WHERE ( PROP\_VALUE = GC\_IMG OR PROP\_VALUE = GC\_ATC ). "COMMENTED BY:MPARMAR:STRY0011350

CLEAR LV\_DOCID.

\* --> BEGIN OF CHANGE:MPARMAR:STRY0011350

READ TABLE GR\_RANGE INTO DATA(LS\_RANGE)

WITH KEY LOW = LS\_SIGNAT-PROP\_VALUE.

IF SY-SUBRC EQ 0.

LV\_DOCID = LS\_SIGNAT-DOC\_ID.

ENDIF.

\* IF LS\_SIGNAT-PROP\_VALUE EQ GC\_IMG.

\* LV\_DOCID = LS\_SIGNAT-DOC\_ID.

\* ELSEIF LS\_SIGNAT-PROP\_VALUE EQ GC\_ATC.

\* CLEAR LS\_SIGNAT.

\* READ TABLE T\_SIGNAT INTO LS\_SIGNAT

\* WITH KEY PROP\_NAME = GC\_CLS.

\* IF SY-SUBRC EQ 0.

\* IF ( LS\_SIGNAT-PROP\_VALUE EQ GC\_JPG OR LS\_SIGNAT-PROP\_VALUE EQ GC\_JPEG

\* OR LS\_SIGNAT-PROP\_VALUE EQ GC\_BMP OR LS\_SIGNAT-PROP\_VALUE EQ GC\_PNG ).

\* LV\_DOCID = LS\_SIGNAT-DOC\_ID.

\* ENDIF.

\* ENDIF.

\* --> END OF CHANGE:MPARMAR:STRY0011350

IF LV\_DOCID IS NOT INITIAL.

REFRESH:LT\_SIGNAT,LT\_COMPON,LT\_CONTENT,LT\_ACONTNT.

CALL FUNCTION 'BDS\_DOCUMENT\_GET\_TABLE'

EXPORTING

CLIENT = SY-MANDT

DOC\_ID = LV\_DOCID

BINARY\_FLAG = ABAP\_TRUE

TABLES

SIGNATURE = LT\_SIGNAT

COMPONENTS = LT\_COMPON

CONTENT = LT\_CONTENT

ASCII\_CONTENT = LT\_ACONTNT

EXCEPTIONS

NOTHING\_FOUND = 1

PARAMETER\_ERROR = 2

NOT\_ALLOWED = 3

ERROR\_KPRO = 4

INTERNAL\_ERROR = 5

NOT\_AUTHORIZED = 6

OTHERS = 7.

IF SY-SUBRC <> 0.

MESSAGE ID SY-MSGID TYPE SY-MSGTY NUMBER SY-MSGNO

WITH SY-MSGV1 SY-MSGV2 SY-MSGV3 SY-MSGV4.

ENDIF.

DESCRIBE TABLE LT\_CONTENT LINES DATA(LV\_LINES).

CLEAR: LV\_BINLEN,LV\_XSTRING.

LV\_BINLEN = LV\_LINES \* 1022.

CALL FUNCTION 'SCMS\_BINARY\_TO\_XSTRING'

EXPORTING

INPUT\_LENGTH = LV\_BINLEN

IMPORTING

BUFFER = LV\_XSTRING

TABLES

BINARY\_TAB = LT\_CONTENT

EXCEPTIONS

FAILED = 1

OTHERS = 2.

IF SY-SUBRC <> 0.

MESSAGE ID SY-MSGID TYPE SY-MSGTY NUMBER SY-MSGNO

WITH SY-MSGV1 SY-MSGV2 SY-MSGV3 SY-MSGV4.

ENDIF.

REFRESH: GT\_BINTAB.

CALL FUNCTION 'SCMS\_XSTRING\_TO\_BINARY'

EXPORTING

BUFFER = LV\_XSTRING

IMPORTING

OUTPUT\_LENGTH = LV\_BINLEN

TABLES

BINARY\_TAB = P\_LT\_TAB.

\* Attaching each attachment of a particular Claim#

IF P\_LT\_TAB IS NOT INITIAL.

CLEAR LV\_ATSUB.

LV\_ATSUB = LS\_CLAIM-CLMNO.

TRY. "ADDED BY:MPARMAR:STRY0011350

W\_DOC->ADD\_ATTACHMENT(

EXPORTING

I\_ATTACHMENT\_TYPE = 'JPG'

I\_ATTACHMENT\_SUBJECT = LV\_ATSUB

I\_ATT\_CONTENT\_HEX = P\_LT\_TAB ).

\* --> BEGIN OF CHANGE:MPARMAR:STRY0011350

CATCH CX\_DOCUMENT\_BCS INTO LF\_REF.

DATA(LV\_STRNG) = LF\_REF->GET\_TEXT( ).

MESSAGE TEXT-T07 TYPE 'E'.

ENDTRY.

\* --> END OF CHANGE:MPARMAR:STRY0011350

ENDIF.

ENDIF.

ENDLOOP.

ENDFORM.

\*&---------------------------------------------------------------------\*

\*& Form F\_GET\_IMG\_DETAILS

\*&---------------------------------------------------------------------\*

\* text

\*----------------------------------------------------------------------\*

\* <--P\_T\_SIGNAT text

\* <--P\_T\_COMPON text

\*----------------------------------------------------------------------\*

FORM F\_GET\_IMG\_DETAILS USING LS\_CLAIM TYPE TY\_CLAIM

CHANGING P\_T\_SIGNAT TYPE TT\_SIGNAT

P\_T\_COMPON TYPE TT\_COMPON

P\_LV\_CLAIM\_FLAG TYPE ABAP\_BOOL.

CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'

EXPORTING

INPUT = LS\_CLAIM-CLMNO

IMPORTING

OUTPUT = LS\_CLAIM-CLMNO.

GS\_OBJKEY = LS\_CLAIM-CLMNO.

REFRESH:P\_T\_SIGNAT,P\_T\_COMPON.

CLEAR P\_LV\_CLAIM\_FLAG.

CALL FUNCTION 'BDS\_BUSINESSDOCUMENT\_GET\_URL' ##FM\_SUBRC\_OK

EXPORTING

CLASSNAME = 'BUS2222'

CLASSTYPE = 'BO'

CLIENT = SY-MANDT

OBJECT\_KEY = GS\_OBJKEY

URL\_LIFETIME = 'T'

TABLES

SIGNATURE = P\_T\_SIGNAT

COMPONENTS = P\_T\_COMPON

EXCEPTIONS

NOTHING\_FOUND = 1

PARAMETER\_ERROR = 2

NOT\_ALLOWED = 3

ERROR\_KPRO = 4

INTERNAL\_ERROR = 5

NOT\_AUTHORIZED = 6

OTHERS = 7.

IF P\_T\_SIGNAT[] IS NOT INITIAL.

\* --> BEGIN OF CHANGE:MPARMAR:STRY0011350

LOOP AT GR\_RANGE INTO DATA(LS\_RANGE).

READ TABLE P\_T\_SIGNAT INTO DATA(LS\_TSIGNAT)

WITH KEY PROP\_VALUE = LS\_RANGE-LOW.

IF SY-SUBRC EQ 0.

P\_LV\_CLAIM\_FLAG = ABAP\_TRUE.

ENDIF.

ENDLOOP.

ENDIF.

\* READ TABLE P\_T\_SIGNAT INTO DATA(LS\_TSIGNAT)

\* WITH KEY PROP\_VALUE = GC\_IMG.

\* IF SY-SUBRC EQ 0.

\* P\_LV\_CLAIM\_FLAG = ABAP\_TRUE.

\* ELSE.

\* CLEAR LS\_TSIGNAT.

\* READ TABLE P\_T\_SIGNAT INTO LS\_TSIGNAT

\* WITH KEY PROP\_VALUE = GC\_ATC TRANSPORTING NO FIELDS.

\* IF SY-SUBRC EQ 0.

\*

\* CLEAR LS\_TSIGNAT.

\* READ TABLE P\_T\_SIGNAT INTO LS\_TSIGNAT

\* WITH KEY PROP\_NAME = GC\_CLS.

\* IF SY-SUBRC EQ 0.

\* IF ( LS\_TSIGNAT-PROP\_VALUE EQ GC\_JPG OR LS\_TSIGNAT-PROP\_VALUE EQ GC\_JPEG

\* OR LS\_TSIGNAT-PROP\_VALUE EQ GC\_BMP OR LS\_TSIGNAT-PROP\_VALUE EQ GC\_PNG ).

\* P\_LV\_CLAIM\_FLAG = ABAP\_TRUE.

\* ENDIF.

\* ENDIF.

\* ENDIF.

\* ENDIF.

\* --> END OF CHANGE:MPARMAR:STRY0011350

ENDFORM.

\*&---------------------------------------------------------------------\*

\*& Form F\_SEND\_EMAIL

\*&---------------------------------------------------------------------\*

\* text

\*----------------------------------------------------------------------\*

\* -->P\_LT\_ZTOR\_CLAIMS[] text

\* -->P\_LT\_RECEPIENTS[] text

\*----------------------------------------------------------------------\*

FORM F\_SEND\_EMAIL USING LT\_PAIDCLAIMS TYPE TT\_CLAIM

LT\_RECIEVERS TYPE TT\_ADDR.

CONSTANTS: LC\_A(1) TYPE C VALUE '\*',

LC\_S(1) TYPE C VALUE 'S',

LC\_ID TYPE THEAD-TDID VALUE 'ST',

LC\_LANG TYPE THEAD-TDSPRAS VALUE 'EN',

LC\_NAME TYPE THEAD-TDNAME VALUE 'ZWTY\_CLAIMS\_PAID\_MAIL',

LC\_OBJ TYPE THEAD-TDOBJECT VALUE 'TEXT'.

DATA: LV\_BR(4) TYPE C VALUE '<br>',

LT\_LINES TYPE STANDARD TABLE OF TLINE.

CLEAR GV\_EDATE.

CALL FUNCTION 'CONVERT\_DATE\_TO\_EXTERNAL'

EXPORTING

DATE\_INTERNAL = SY-DATUM

IMPORTING

DATE\_EXTERNAL = GV\_EDATE

EXCEPTIONS

DATE\_INTERNAL\_IS\_INVALID = 1

OTHERS = 2.

IF SY-SUBRC <> 0.

\* Implement suitable error handling here

ENDIF.

CALL FUNCTION 'READ\_TEXT'

EXPORTING

CLIENT = SY-MANDT

ID = LC\_ID

LANGUAGE = LC\_LANG

NAME = LC\_NAME

OBJECT = LC\_OBJ

TABLES

LINES = LT\_LINES

EXCEPTIONS

ID = 1

LANGUAGE = 2

NAME = 3

NOT\_FOUND = 4

OBJECT = 5

REFERENCE\_CHECK = 6

WRONG\_ACCESS\_TO\_ARCHIVE = 7

OTHERS = 8.

IF SY-SUBRC <> 0.

\* Implement suitable error handling here

ENDIF.

TRY.

CLEAR W\_TEXT.

W\_SEND\_REQUEST = CL\_BCS=>CREATE\_PERSISTENT( ).

DATA(LV\_HEL) = |{ TEXT-T04 }| & | { LV\_BR } |.

APPEND LV\_HEL TO W\_TEXT.

DATA(LV\_BODY) = |{ TEXT-T05 }| & | { GV\_EDATE }| & | { LV\_BR }|.

APPEND : LV\_BODY TO W\_TEXT,

LV\_BR TO W\_TEXT.

CLEAR GS\_SEND\_FLAG.

LOOP AT LT\_PAIDCLAIMS INTO DATA(LS\_PAIDCLAIMS).

PERFORM F\_GET\_IMG\_DETAILS USING LS\_PAIDCLAIMS

CHANGING GT\_SIGNT

GT\_COMPT

GS\_CLAIM\_FLAG.

IF GS\_CLAIM\_FLAG = ABAP\_TRUE.

DATA(LV\_CLM) = | { LS\_PAIDCLAIMS-CLMNO } | & | { LV\_BR } |.

APPEND LV\_CLM TO W\_TEXT.

CLEAR: LV\_CLM,LS\_PAIDCLAIMS.

GS\_SEND\_FLAG = ABAP\_TRUE.

ENDIF.

ENDLOOP.

IF GS\_SEND\_FLAG EQ ABAP\_TRUE.

\*\*Create document from internal table with text

LOOP AT LT\_LINES INTO DATA(LS\_LINES).

REPLACE ALL OCCURRENCES OF LC\_A IN LS\_LINES WITH SPACE.

CONDENSE LS\_LINES.

APPEND LS\_LINES TO W\_TEXT.

CLEAR LS\_LINES.

ENDLOOP.

CLEAR LV\_SUBJECT.

LV\_SUBJECT = |{ TEXT-T03 }| & |(| & |{ GV\_EDATE }| & |)|.

W\_DOC = CL\_DOCUMENT\_BCS=>CREATE\_DOCUMENT(

I\_TYPE = 'HTM'

I\_TEXT = W\_TEXT

I\_SUBJECT = LV\_SUBJECT ).

CLEAR LS\_PAIDCLAIMS.

LOOP AT LT\_PAIDCLAIMS INTO LS\_PAIDCLAIMS.

REFRESH : GT\_BINTAB.

PERFORM F\_GET\_IMG\_DATA USING LS\_PAIDCLAIMS ##PERF\_GLOBAL\_PAR\_OK

CHANGING GT\_BINTAB.

CLEAR LS\_PAIDCLAIMS.

ENDLOOP.

\*add document to send request

CALL METHOD W\_SEND\_REQUEST->SET\_DOCUMENT( W\_DOC ).

\*set sender

W\_SENDER = CL\_SAPUSER\_BCS=>CREATE( SY-UNAME ).

CALL METHOD W\_SEND\_REQUEST->SET\_SENDER

EXPORTING

I\_SENDER = W\_SENDER.

\*add recipient

LOOP AT LT\_RECIEVERS INTO DATA(LS\_RECIEVERS).

W\_RECIPIENT = CL\_CAM\_ADDRESS\_BCS=>CREATE\_INTERNET\_ADDRESS( LS\_RECIEVERS-ZSMTP\_ADDR ).

CALL METHOD W\_SEND\_REQUEST->ADD\_RECIPIENT

EXPORTING

I\_RECIPIENT = W\_RECIPIENT

I\_EXPRESS = 'X'.

ENDLOOP.

\*send document

CALL METHOD W\_SEND\_REQUEST->SET\_SEND\_IMMEDIATELY( 'X' ).

CALL METHOD W\_SEND\_REQUEST->SEND(

EXPORTING

I\_WITH\_ERROR\_SCREEN = 'X'

RECEIVING

RESULT = W\_SENT\_TO\_ALL

).

IF W\_SENT\_TO\_ALL EQ ABAP\_TRUE.

MESSAGE TEXT-T06 TYPE LC\_S.

ENDIF.

ENDIF.

COMMIT WORK.

CATCH CX\_BCS INTO L\_BCS\_EXCEPTION. ##NO\_HANDLER

ENDTRY.

ENDFORM.