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*****;
*** MERGE MIGRATION DATA WITH DISCO AND SEGMENT TABLES ***;
*****;

DATA WORK.&FILE_TYPE._&START_DATE._2;

LENGTH ABB_CORE_SEGMENT ABB_CORE_SEGMENT_2 ABB_CORE_SEGMENT_3 $16 PSU_VIDEO
PSU_HSD PSU_DP MDS 3. VIDEO HSD DP ABB_LVL_1 $8;

DECLARE HASH SEG();
RC = SEG.DEFINEKEY ('ONLY_SEG_KEY');
RC = SEG.DEFINEDATA ('ABB_CORE_SEGMENT', 'ABB_CORE_SEGMENT_2', 'ABB_CORE_SEGMENT_3',
'ABB_LVL_1',
'PSU_VIDEO', 'PSU_HSD', 'PSU_DP', 'MDS', 'VIDEO', 'HSD', 'DP');
RC = SEG.DEFINEDONE();

DO UNTIL (EOF_SEG);
  SET TWROTXV.ANALYSIS_SEGMENT END = EOF_SEG;
  RC = SEG.REPLACE();
END;

DO UNTIL (EOF_UNIVERSE);
SET WORK.&FILE_TYPE._&START_DATE._1 END=EOF_UNIVERSE;

*PRODUCT HOLDING DETAILS*;
ABB_CORE_SEGMENT=""; ABB_CORE_SEGMENT_2=""; ABB_CORE_SEGMENT_3=""; ABB_LVL_1="";
PSU_VIDEO=.; PSU_HSD=.; PSU_DP=.; MDS=.; VIDEO=""; HSD=""; DP="";
RC=SEG.FIND();

/* POST IS USED IN 1ST PASS FOR RC-AD, PRE IS USED FOR RD-DD */

IF SEG.FIND()=0 THEN POST_SGMNT_MATCH = 'Y'; ELSE POST_SGMNT_MATCH = 'N';

RENAME ABB_CORE_SEGMENT = POST_ABB_CORE_SEGMENT
      ABB_CORE_SEGMENT_2 = POST_ABB_CORE_SEGMENT_2
      ABB_CORE_SEGMENT_3 = POST_ABB_CORE_SEGMENT_3
      ABB_LVL_1 = POST_ABB_LVL_1
      PSU_VIDEO = POST_PSU_VIDEO
      PSU_HSD = POST_PSU_HSD
      PSU_DP = POST_PSU_DP
      MDS = POST_MDS
      VIDEO = POST_VIDEO
      HSD = POST_HSD
      DP = POST_DP;

OUTPUT; END; STOP; RUN;

DATA WORK.&FILE_TYPE._POST_TRANSACTIONS_2_&END_DATE.;

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LENGTH ABB_CORE_SEGMENT ABB_CORE_SEGMENT_2 ABB_CORE_SEGMENT_3 $16 PSU_VIDEO
PSU_HSD PSU_DP MDS 3. VIDEO HSD DP ABB_LVL_1 $8;

DECLARE HASH SEG();
RC = SEG.DEFINEKEY ('ONLY_SEG_KEY');
RC = SEG.DEFINEDATA ('ABB_CORE_SEGMENT', 'ABB_CORE_SEGMENT_2', 'ABB_CORE_SEGMENT_3',
'ABB_LVL_1', 'PSU_VIDEO', 'PSU_HSD', 'PSU_DP', 'MDS', 'VIDEO', 'HSD', 'DP');
RC = SEG.DEFINEDONE();

DO UNTIL (EOF_SEG);
  SET TWROTXV.ANALYSIS_SEGMENT END = EOF_SEG;
  RC = SEG.REPLACE();
END;

DO UNTIL (EOF_UNIVERSE);
SET WORK.&FILE_TYPE._PRE_POST_TRANSACTIONS_&END_DATE. END=EOF_UNIVERSE;

*PRODUCT HOLDING DETAILS*;
ABB_CORE_SEGMENT=";ABB_CORE_SEGMENT_2=";ABB_CORE_SEGMENT_3=";ABB_LVL_1=";
PSU_VIDEO=.;PSU_HSD=.;PSU_DP=.;MDS=.;VIDEO=";HSD=";DP=";
RC=SEG.FIND();

/* PRE IS USED IN 2ND PASS FOR RC-AD, POST IS USED FOR RD-DD */

IF SEG.FIND()=0 THEN PRE_SGMNT_MATCH = 'Y'; ELSE PRE_SGMNT_MATCH = 'N';

RENAME ABB_CORE_SEGMENT = PRE_ABB_CORE_SEGMENT
ABB_CORE_SEGMENT_2 = PRE_ABB_CORE_SEGMENT_2
ABB_CORE_SEGMENT_3 = PRE_ABB_CORE_SEGMENT_3
ABB_LVL_1 = PRE_ABB_LVL_1
PSU_VIDEO = PRE_PSW_VIDEO
PSU_HSD = PRE_PSW_HSD
PSU_DP = PRE_PSW_DP
MDS = PRE_MDS
VIDEO = PRE_VIDEO
HSD = PRE_HSD
DP = PRE_DP;

OUTPUT; END; STOP;

RUN;

```