

SECTION 36. MASTER APPROPRIATION REFERENCE TABLE (MART)**36.1 GENERAL.**

Master Appropriation Reference Table (MART) is a subsystem of the General Accounting and Finance System (GAFS). This subsystem is an online table driven system consisting of online programs, batch programs, and eight files. These MART files are used to validate the establishment of program summary records and miscellaneous MAFR (MM) transactions at the time of input. Batch programs use the MART files to create and edit the RCS HAF-ACF(W)7112, RCS HAF-ACF(M)7113, and RCS HAF-ACF(W)8702 report records.

36.2 MART FILES DESCRIPTION.

MART files are cumulatively referred to as the MART/Edit Validation Files.

a. ADSN File (File-ID 1). The ADSN file maintains all valid Air Force ADSNs and most of the Army DSNs used in conjunction with Department 97 appropriations assigned fund codes. MART will validate ADSNs when the ADSN data select field in file 4 or 5 has a data select code of "B". Normally, MAFR codes C and U transactions using a fund code will have the ADSN validated to file 1. Conversely, MAFR C and U transactions using appropriations will not normally have the ADSNs verified to file 1, but will require the ADSN to be numeric.

b. Sales Code File (File-ID 2). The sales code file includes all valid Air Force sales codes and fiscal-year designator codes used with fund code 4E. Since Army sales codes are not loaded into file 2, MART only checks for the presence of data in the sales code field when Army appropriations require the use of a sales code.

c. FMS Data File (File-ID 3). The FMS file includes all valid FMS case, country, and line data elements authorized to be used with a given FMS country code. MART validates PSRs at time of creation (when action code not ZF or ZP) and miscellaneous transactions to this file when sales codes 73, 73A or 73B is used, or when an FMS fund code is used and the FMS case, country, and line data select indicator is a "B".

d. MART Data Selection By Fund Code (File-ID 4). This Data Selection File has at least one record for each fund code authorized to be used by the Air Force. This file does not maintain the FY or PY for which the fund code is authorized, since this validation occurs when the transaction is compared to file 6. This file determines what data elements are to be extracted from the incoming transaction for validation. When a fund code is present in the input transaction, a key is created based on the data select codes present in the matching file 4 record.

e. MART Data Selection By Appropriation (File-ID 5). File 5 is accessed when the transaction being processed uses an appropriation. This Data Selection File has at least one record for each appropriation that has not been assigned a fund code. Unlike file 4, this file includes the fiscal and program year as part of the key for

matching to the incoming transaction. File 5 functions in the same manner as file 4.

f. MART Validation File (File-ID 6). The MART Validation contains the valid appropriation data authorized for reporting by field activities. Each record within this file has a file group assigned. The following are definitions for each group used within file 6:

<u>FILE GROUP</u>	<u>DEFINITION</u>
1	Receipt Account
2	1329 Data for all Appropriations authorized disbursements to include Deposit/Stock Funds
3	For-Self and For-Others Disbursements
4	Open Allotment-Disbursements
5	1329 Data for all Appropriations authorized reimbursements to include Deposit/Stock Funds
6	For-Self and For-Others Reimbursements
7	Open Allotment-Reimbursements

g. MART Validation Error Message File (File-ID 7). The MART Validation Error Message File contains a list of error messages used by the MART programs for flagging invalid online transaction input and editing of report records.

h. MART Select/Extract Criteria File (File-ID 8). This file is used to guide various BQ program decisions. The Process-ID in the file 8 record is the linkage to the BQ programs. The functions determine what data elements to extract from incoming transactions for validation. For example, should a FC/FY/OAC/OBAN be reported in the DBT (NBQD50). Other functions include validating 0-1 line item control and identifying ESP code "ZC" records in the 7113 report. In addition, file 8 records with Process-IDs of T4 (figure 36-40), T6 (figure 36-41), and T7 (figure 36-42) are used by yearend programs NBQT45, NBQT60, NBQT70, and NBQX80.

36.3 PROGRAMS USED BY THE MART SUBSYSTEM.

a. NBQ020. This online program uses MART File 5 to check for fund type K appropriations, 57F3875, 57F3878, 57F3880, 57F3885, and specific MAFR codes.

b. NBQ090. This online program processes miscellaneous MAFR (MM) transactions and establishes new program summary records.

c. NBQ330. This program selects transactions not created by program NBQP71, which assigned MAFR codes C and U to create 7112 report records based on the DSCs in MART Data Selection by Fund Code (file 4) and or Appropriation (file 5).

d. NBQA30. This program sorts and sequences all records for the RCS HAF-ACF(M)7113 report, and is used to call program NBQA70 for editing and validation of the report records. See figure 36-37 for control record requirements.

e. NBQA50. This program processes all update transactions for the eight MART files during end-of-day processing. See paragraph 36.6g for additional information on updating the MART files.

f. NBQA55. This program will reorganize the MART files as needed. Program NBQA50 will reorganize any MART files in order to provide more efficient use of the MART files. A notice will print out on the summary page of the ABQA5L list when any MART files need to be reorganized. This job is an as required run, but if the file that needs to be reorganized is the VBQA5AUNDD10 file, schedule NBQA55 for a weekend. Any other files needing reorganization can be run on any day, after EOD is complete.

g. NBQA60. This program first checks the VBQ09AUNDD10 file for the presence of manual records. If transactions are present, program NBQ330 is executed to create the 80-position report record and recall NBQA60 to delete and or add records to report file (ABQ33AUNDD10). Next, the program reads the applicable input file (ABQ33AUNDD10 or TBQV2TUNDD10) to edit and validate the report records against the MART files. Program NBQV20 calls NBQA60 to edit and validate the voucherless RCS HAF-ACF(W)8702 report records. See figure 36-33 for control record requirements.

h. NBQA70. This program edits and validates the RCS HAF-ACF(M) 7113 report records in file ABQA3AUNDD10 using the MART files. Program NBQA70 also rechecks the report format of each record through the use of MART files 4 and 5. Occasionally, a report record is manually changed by adding or deleting a data element that causes a report record to disagree with the format structure required by the data select codes in the appropriate record found in file 4 or 5. When this occurs, a error message is generated by NBQA70 to inform the user of that discrepancy.

i. NBQA80. This program is used to provide a print of MART files 1 through 8 as determined by the user. See figure 36-21 for control record requirements.

j. NBQA90. This program validates the contents of input data files. The control file contains report designator codes that determine which input files to validate. In addition, this program uses file 8 to determine the reporting requirements.

k. NBQJ00. This program uses files 4 and 5 to determine which data elements from the input records will be included in the output report records. This is controlled by the use of the data select codes.

36.4 DATA SELECT CODES.

The Data Select Code (DSC) is the method by which files 4 and 5 are able to communicate processing requirements to the various MART

programs for building keys, validating MAFR transactions and creating/editing report records. An understanding, by Reports and Analysis Division, of how these DSCs interact with the MART software for validation and report building is essential for problem solving. The following descriptions are provided:

- a. Indicator B - Validate data elements and report in RCS HAF-ACF(W) 7112, RCS HAF-ACF(W)8702 and or RCS HAF-ACF(M)7113 reports.
- b. Indicator N - Data element must be numeric and reported in RCS HAF-ACF(W)7112, RCS HAF-ACF(M)7113, and or RCS HAF-ACF(W)8702 reports.
- c. Indicator P - Requires presence of data in the applicable data field. Data must be other than special characters. The field cannot be blank when a DSC of P is present. Validation of data to other MART files will not occur.
- d. Indicator R - Report all data in the applicable field. No validation of this data will be made against other MART files for the value of the data. Blanks will be reported if no data is present.
- e. Indicator Y - This is a special processing indicator. Currently being used for deposit funds, receipt accounts, and to indicate fund codes available for use by Systems Command bases.
- f. Indicator 1 - Operating Budget (0-1 line item) logic applies.
- g. Indicator 2 - Operating Budget (0-1 line item) logic does not apply.

36.5 ACTION CODES USED BY THE MART SUBSYSTEM.

The following action codes are the only action codes selected by the MART software to perform MART validation or to override applicable accounting data used in the MAFR/PF transactions. All other action codes listed in paragraph 5.4a are not directly affected by the new MART programs.

- a. Action Code PF. Used to establish a PSR and to validate applicable accounting data using the MART edit/validation files. Certain data elements like fund code and FY are pulled from the FSR for use in the validation process.
- b. Action Code BP. Used to by-pass certain online non-MART edits (e.g., PEC - RC/CC compatibility), but still utilizes all other edits including the MART edits.
- c. Action Code ZF. Used to establish a PSR when it becomes necessary to override MART rejects. This action code overrides all fatal MART rejects, but not online non-MART edits.
- d. Action Code ZP. Used to establish a PSR when it becomes necessary to override both MART and non-MART rejects.

e. Action Code MM. Used when processing all travel miscellaneous transactions, and validate applicable accounting data against the MART files.

f. Action Code ZM. Used to override all MART rejects created by the use of action code "MM" when the use of VM does not apply.

g. Action Code TM. Used to reverse and or correct RCS HAF-ACF(W) 7112 report records created by program NBQ330. This action code is used to correct BQ for-others records and the RCS HAF-ACF(W)7112 report file. Using this action code will cause the accounting data in the transaction to be validated to the MART files, but will not override invalid data elements. Use the applicable Bal-ID of 0X or 0R and MAFR code C or U. Ensure the date used is within the date parameters stated in the NBQA60 control record. This action code is used only at the direction of Reports and Analysis Division.

h. Action Code VM. Used to reverse or correct RCS HAF-ACF(W)7112 report records when there is a need to override all rejections resulting from validations to the MART files. As with the use of action code TM, this action code is used to update both BQ for-others records and the RCS HAF-ACF(W)7112 report file. Use the applicable Bal-ID of 0X or 0R and MAFR code C or U. Ensure the date used is within the date parameters stated in the NBQA60 control record. This action code is used only at the direction of Reports and Analysis Division.

NOTE: For screen TV06, type actions B, T, and V accomplish the same MART overrides as action codes ZM, TM, and VM, respectively. For screen TV08, the same MART overrides accomplished by action code ZM are effected by using type action "B" to add transactions and type action "C" to delete transactions. See section 30 for further information on type actions.

36.6 DAILY PROCESSING.

a. Validating Establishment of For-Self PSRs. When a PSR is established (using action code PF), the data elements contained in the input transaction and in the applicable FSR address record are compared to the MART validation files to determine accuracy. The fund type is extracted from the FSR to determine which MART Validation/Edit File (1, 2, 3, or 6) to use in verifying data. Since a MAFR code is required to access MART files 4 and 5 for selected fund types, an internal table is used to assign a MAFR code based on the fund type in the applicable FSR. If there is a fund code present in the record, MART File 4 is accessed. If there is an appropriation present, MART File 5 is accessed.

b. Validation of Miscellaneous Transactions. When a miscellaneous transaction is entered, the accounting data elements and MAFR code are extracted by NBQO90 for comparison to the MART Data Selection File by fund code (file 4), or appropriation (file 5) to determine the data elements that must be used with a specific fund code or appropriation. Once the transaction passes the format edits, the next step is to validate the accuracy of the various data elements used within the

transaction. The validation of the data elements to various MART files is based on the DSCs used within each record in MART files 4 and 5.

c. Online Edits of Transactions. Rejects occur when incompatibilities exist between the input transactions and the MART files used in the validation process. Because edit/validations are accomplished at the time PSRs are established, there is no further editing of PSR records.

d. MART Rejects. Rejects generated by the MART programs are identified by the word MART in parenthesis (MART). Most MART errors are caused by invalid data elements used in the input transaction which do not conform to the required data elements stipulated by MART files 4 and 5.

e. Use of Overrides. Use the override codes provided to override the criteria in MART file 4 or 5, or to bypass MART validation files 1, 2, 3, or 6. When overrides are used, the transaction is identified on the Daily Audit List--Part VI, with a 3-digit code in positions 92-94 (see figure 36-32). This 3-digit code is the reject number bypassed by the use of the override code. Override codes ZF, ZM, and VM must be controlled and authorized by the Chief, Reports and Analysis Division, or the Chief's designated representative.

f. MART Validation Process. As described in paragraph 36.2, MART files 4 and 5 determine which data elements are validated to the MART files. Generally, fund code or appropriation, FY, PY, OAC, BAAN, ARMY ASN, BPAC, MFP, project, subproject, MAP project, progress payment code, sales code, ADSN, and FMS country, case and line are data elements, which are validated. These data elements are validated only when the position within file 4 or 5 that represents a given data element, such as a project, has a DSC equal to "B". When a "B" is present, the data element from the input transaction is validated to the appropriate MART file. For example, file 4 has a record for fund code 30 and MAFR code C with FY, OAC, MFP and ADSN having a DSC of "B". The input transaction has these data elements along with a sales code. Since there is no "B" for the sales code DSC within the file 4 record for fund code 30, the sales code is not validated and is allowed to pass without being flagged by the MART software as an input format error. However, when the MAFR report records are created by NBQ330 and NBQJ00, files 4 and 5 determine the data elements to be reported. In this example of using an erroneous sales code, the sales code is not extracted as part of the RCS HAF-ACF(W)7112 report record.

g. MART File Updates. The MART files are updated via AUTODIN from Defense Finance and Accounting Service-Denver Center (DFAS-DE) on a weekly basis. Each record sent has a hash total equal to the numeric value of the data elements in the record. This hash total is used to verify that the data in the incoming update record received at base level is the same as what was sent from DFAS-DE. Program NBQA50 processes all update transactions to MART files 1-8 sent by DFAS-DE. Program NBQ115 writes incoming AUTODIN records from BLAMES file ZBQ11MUNDD20 to file VBQ11MUNDD20 for processing by NBQA50.

(1) If the update is not received by Friday, request retransmission by ECCS (DFAS-DE/FFF) or Telefax to DFAS-DE/IRIC (DSN 926-6394/7369). Do not call in the retransmission request.

(2) Incoming records that generate a management notice while attempting to update MART files, do not update the intended record. A management notice created by NBQA50 from an update attempt will not prevent the updating of all other records if no rejects are generated. When one record rejects, no records within the file will process or update the MART files.

(3) Change File. Program NBQA50 writes the successful update transactions to the VBQA5ZUNDD90 file. This file contains 30 days worth of data. Records over 30 days old are removed during the update process. Whenever a recovery of the MART files is necessary, this file will be used as input.

(4) Update Verification. Each base must check the MART file summary report (the last page of the ABQA5L list) or run program NBQH92, and compare results against previous totals. At least one of the MART files hash/sequence numbers will be changed if NBQA50 performed a successful update. Program NBQA50 will only process updates on an "all or none" basis. The summary report will verify the accuracy of the update. If the MART file summary report or program NBQH92 response does not reflect at least one change, check the following:

(a) Check the ABQA5L list for error messages (018 Transaction-ID Error, 020 Sequence Error, or 021 Hash Total Error). If one or more of these error phrases are present, no update occurred.

(b) If a 020 Sequence Error is encountered, program NBQA50 will execute an automatic recovery using the VBQ11MUNDD20 and VBQA5ZUNDD90 files. If the recovery is unsuccessful, request retransmission of the incoming change records.

(5) Request Retransmission.

(a) DFAS/ALC-DE is the only point of contact for MART retransmission; DO NOT CALL THE FIELD ASSISTANCE BRANCH (FAB). Only contact the FAB (596-5771) for NBQA50 recovery assistance.

(b) Contact DFAS/ALC-DE by e-mail, DFASDEALC@DFAS.MIL or Telefax a copy of the NBQH92 response, DSN 926-7583. Ensure the request includes:

1 Hash and sequence numbers for all eight files. A screen print of the NBQH92 inquiry response or the summary page from the ABQA5L list is acceptable.

2 ADSN.

3 DSN.

4 Point of contact.

⁵ An indication of why retransmission is needed (i.e., missing an update, hash and sequence errors/rejects).

36.7 WEEKLY PROCESSING.

a. Purpose. The creation of weekly scheduled cycles are required by DFAS-DE 7010.1-R, part 4--Funds Control and Reporting, to provide departmental control over disbursements and collections paid for other accountable stations.

b. Report File Generation.

(1) 7112 Report File. Program NBQ330 is executed in two modes. First, the program is scheduled and executed weekly using the control record (ABQ33XUNDC10) and the ZBQ13DUNDD60 file as input. The output is the ABQ33AUNDD10 file of all MAFR C and U transactions within the control record inclusive dates. This program using the appropriate records in files 4 and 5 creates report records. The data select codes (paragraph 36.4) present in the records within files 4 and 5 determine the data elements to be extracted, validated, and reported. Secondly, this program is automatically executed by program NBQA60 when manual RCS HAF-ACF(W)7112 correction records are present in the VBQ09AUNDD10 file. See section 77 for control record requirements.

(2) 8702 Report File. Program NBQV20 creates the 8702 report records based on the same criteria that is used for creation of the 7112 report records. See section 77 for scheduling and control record requirements.

c. Report File Editing.

(1) Schedule program NBQA60 to be run immediately following the creation of the RCS HAF-ACF(W)7112 Cyclic For-Others Summary Records File (ABQ33AUNDD10) from the execution of NBQ330.

(2) Use the control record format in figure 36-33 to obtain the RCS HAF-ACF(W)7112 Edit/Validation List, Weekly Voucher Copy List, and or 7112 For-Others Voucher Audit and Transmittal List.

(3) The control record format for the voucherless RCS HAF-ACF(W)8702, Edit/Validation List is figure 77-6.

d. Frequency. RCS HAF-ACF(W)7112 - Weekly. RCS HAF-ACF(W)8702 - Weekly. See DFAS-DE 7010.1-R for overall policy.

e. List Format. See figures 36-34, 36-35, and 36-36 respectively, for the Weekly Voucher Copy, RCS HAF-ACF(W)7112 Edit/Validation List, and RCS HAF-ACF(W)8702 Edit/Validation List. Under the voucherless system, paying stations have the option of reviewing the RCS HAF-ACF(W)8702 MART rejects through an online CRT using run option 2 of NBQV20. See section 31 for instructions.

NOTE: The program does not display all voucherless transactions; it only displays those failing MAFR edits.

f. Audit Requirements. Review the Edit/Validation Lists for edit errors. The program edit codes are identified below the report record. Up to four edit/balance errors are printed per report record. Error messages are listed in figure 36-32. Included at the end of these lists is a summary page, which identifies all page numbers having a MART validation error. Correct the applicable report records in the appropriate file using the procedures in the following paragraph, and rerun edit program NBQA60 or NBQV20 as appropriate. If you feel a specific data element is valid even though you are experiencing an edit error, contact DFAS-DE/AA to validate the data element in question. If valid, annotate the Edit/Validation List with the date and name of the person contacted. Reference figure 36-32 for a definition of the error phrases.

g. Error Correction Procedures.

(1) RCS HAF-ACF(W)7112. There are two ways to make corrections to the 7112 report file. First, make corrections in the ABQ33AUNDD10 file using Conversation Time Sharing (CTS) or Interactive Processing Facility (IPF) procedures. Second, process corrective transactions online using action codes TM and or VM. The use of these action codes is at the direction of Reports and Analysis Division. Using action codes TM and VM corrects erroneous MAFR transactions in BQ records, and also provides the necessary transactions to correct the 7112 report file. Use VM when reversing and or correcting entries that require overriding MART edits. Otherwise, use action code TM. Once the TM and or VM transactions are entered via remote input, reschedule NBQA60 to reproduce the 7112 Edit/Validation List.

(2) RCS HAF-ACF(W)8702. Corrections are made to the Voucherless Report File using voucherless processing frame TV08. Rerun NBQV20 "function 2", which automatically calls for NBQA60 to edit the Voucherless Report File until error-free. Program NBQV20, "function 3" is scheduled online through TIP to create the Voucherless Transfer File (ABQV2AUNDD10). See section 31 on specific procedures for the correction of the Voucherless Report File.

36.8 MONTHLY PROCESSING.

a. Purpose. The RCS HAF-ACF(M)7113 report is created monthly to satisfy DFAS-DE monthly reporting requirements to Treasury and provide departmental control over base level accountability. Reference DFAS-DE 7010.1-R for overall policy.

b. Report File Generation. MART program NBQJ00 creates report records at monthend for disbursement/collection transactions (1J's), FMS collections, MAFR supplemental transactions, and the net disbursement/reimbursement transactions (alpha J's) using the DSCs in MART Data Selection by Fund Code (file 4) and or Appropriation (file 5). When a transaction is overridden during the month because the fund code, or appropriation used in that transaction is not part of file 4 or 5, respectively, then a report record will be created using the default records in the front of files 4 and 5. Default records are identified by the presence of asterisks in the fund code or appropriation field of a file 4 or 5 record. When a report record

must be generated from the default records in file 4 or 5, data elements entered in the overridden transaction will be part of the report record.

c. Report File Editing. MART program NBQA30 sorts and sequences all transactions in files ABQA3CUNDC10, ABQA3DUNDD30, ABQJ1CUNDC20, and or ABQM3TUNDD30, and produces the 7113 report file (ABQA3AUNDD10). Program NBQA30 automatically calls for NBQA70 to check for report record content and balance the report. Additionally, the data elements used in the various report records are validated against the MART files. Use the control record format in figure 36-37 to obtain the RCS HAF-ACF(M)7113, Edit/Validation and or the Edit/Balance Error File List.

d. Frequency. Reference DFAS-DE 7010.1-R.

e. List Format. See figures 36-38 and 36-39, respectively, for an example of the RCS HAF-ACF(M)7113 Edit/Validation List and the Edit/Balance Error List.

f. Audit Requirements. Review the RCS HAF-ACF(M)7113 Edit/Validation List for edit errors. Program generated error codes with error phrases are identified below the report record. Up to four edit/balance errors are printed per report record. Error messages are listed in figure 36-32. Included at the end of this list is a summary page, which identifies all page numbers having a MART validation error. An alternative to reviewing the Edit/Validation List is reviewing the Edit/Balance Error List. This is a list of all records having an error, and it identifies the error conditions as well as the affected records. Correct the applicable report records in the appropriate file using the error correction procedures in the following paragraph and rerun edit program NBQA30. If you feel a specific data element is valid even though you are experiencing an edit error, contact DFAS-DE/AA to validate the data element in question. If valid, annotate the Edit/Validation List with the date and name of the person contacted. See section 78 for 7113 monthly package report requirements.

g. Error Correction Procedures. The Reports and Analysis Division must manually correct the 7113 data files using CTS or IPF procedures. Once the corrections have been applied to files ABQA3CUNDC10, ABQA3DUNDD30, ABQJ1CUNDC20, and or ABQM3TUNDD30, rerun program NBQA30.

36.9 YEAREND PROCESSING.

a. Purpose. All General Accounting and Finance systems pertaining to operating budgets, appropriations, and fund account balances are required to certify and report all stages of obligations for the fiscal year. Reporting of fiscal yearend appropriations and fund balances are in accordance with DFAS-DE 7220.1-R. Yearend processing procedures are in section 41.

b. Report File Generation. The yearend programs (NBQT20, NBQT30, NBQT40, NBQT45, NBQT50, NBQT60, NBQT70, NBQT80, NBQT90, and NBQX80) contain processing procedures to accomplish the change from current year accounting classification data to prior year, delete or change record balances, create new FY skeleton records, and print labels with new FY accounting classifications. Programs NBQT45, NBQT60, NBQT70, and NBQX80 will utilize MART File 8 (Select/Extract Criteria File) to table drive portions of yearend program logic.

c. Report File Editing. The MART Select/Extract Criteria File (File-ID 8) is accessed by a Process-ID and Key that consists of fund code, fund type, and OAC. Accounting records are selected and processed by yearend programs based on the use of select and change indicators in MART File 8 records with a Process-ID of T4, T6, and T7.

(1) Process-ID T4. The key is fund code, fund type, and OAC. Program NBQT45, option 02, extracts and creates Table B (PYCC) transactions on disk as file ABQT4PUNDD10. The record select is for a particular combination of OAC/OBAN, fund type, fund code, RC/CC, and PEC within a PSR. Figure 36-40 is the record layout for Process-ID T4.

(2) Process-ID T6. The key is fund code, fund type, and OAC. Programs NBQT45, option 01, NBQT60, and NBQX80 use Process-ID T6. Program NBQT45, option 01, selects CSR/FSR/PSR records from current FY files and creates new FY skeleton records with dummy CSR/FSR/PSR addresses in order of accounting classification. Program NBQT60 establishes the prior FY/new OBY records for certain fund types and Bal-IDs, zeros out selected FSR/PSR/DSR balances, and reduces CSR balances to agree with the FSR balances. The MART File 8 and yearend tables 41-1 through 41-3 governs changes made for each fund code, fund type, and fiscal year. Program NBQX80 selects DSRs and PSRs, which changed during yearend processing based on fund code and fund type data. NBQX80 also produces labels for accounting record when position 33 of the related T6 record has a "Y" present. Figure 36-41 is the record layout for Process-ID T6.

(3) Process-ID T7. The key is fund code and fund type. The OAC is not required. Program NBQT70 edits the Table B (PYCC) transactions for validity based on criteria in the MART File 8. Any Table B records that creates a fatal error message by program NBQT70 must be cleared before executing NBQT30, option 02. Figure 36-42 is the record layout for Process-ID T7.

d. MART File Updates. Updates to the MART File 8 Select/Extract Criteria Table are received via AUTODIN from DFAS-DE on a weekly

basis. Program NBQA50 processes all update transactions. Each base must run NBQH92 and compare results against previous hash and sequence totals.

36.10 PRINTING MART FILES.

a. Schedule program NBQA80 when there is a requirement for printing the MART Edit/Validation file. Program NBQA80 is to be run after end-of-day processing has been completed. Because of the massive print list generated, this program should be scheduled to run over a weekend. Use the control record format in figure 36-21.

b. The Master Validation/Edit File List is produced by AFO and is limited to one valid control record per business day per AFO. Program NBQA80 will process a maximum of 10 (one for each AFO) control records per scheduled run. Whenever an error condition is encountered, the control record image along with the proper error phrase is printed on the output list for each AFO whose control record is in error.

36.11 MART SELECT/EXTRACT CRITERIA FILE (VBQA5HUNDD80) PROCESS-IDs.

To use the MART Select/Extract Criteria Inquiry Screen, you must understand the various process-IDs and keys associated with this file. The layouts and the examples below should aid in understanding how this screen should be accessed. If a key is unknown, a partial key may be input, the key field is read from left to right; therefore, the data must be entered from left to right. The following are the sample inquiries.

a. Process-ID 10. This process-ID is used to control program logic dealing with DBT logic.

(1) Process-ID 10 (Key 29). This inquiry returns all process-ID 10 records with a fund code of 29.

(2) Process-ID 10 (Key 295). This inquiry returns all Process-ID 10 records with a fund code of 29 and a fiscal year of 5.

(3) Process-ID 10 (Key 29547). This inquiry returns all Process-ID 10 records with a fund code of 29, fiscal year of 5, and OAC of 27.

(4) Process-ID 10 (Key 29547WA). This inquiry return a Process-ID 10 record with a fund code of 29, fiscal year of 5, OAC of 47, and an OBAN of WA, if one exists in the file. Otherwise, it returns with a message of "MATCH NOT FOUND".

b. Process-ID 11. This process-ID identifies 1329 report records (1J), which have an ESP code of "ZC", and reports them separately on the RCS HAF-ACF(M)7113 report. This key consists of "ZC". There is only one record in the file for this process-ID.

c. Process-ID 12. This process-ID is used to determine compatible PECs and AG/SAGs. The key for this process-ID consists of a PEC.

(1) Process-ID 12 (Key 2). This inquiry returns all PECs beginning with a "2" along with this compatible AG/SAG.

(2) Process-ID 12 (Key 21298F). This inquiry returns PEC 21298F and its associated AG/SAG, if this PEC is in the file. Otherwise, it will return with the message "MATCH NOT FOUND".

d. Process-ID 20. This process-ID contains all of the IBP country code, and their country names. The key for this process-ID is an IBP country code.

(1) Process-ID 20 (Key B). This inquiry returns all IBP country codes, which begins with "B" and their associated country names.

(2) Process-ID 20 (Key BE). This inquiry returns IBP country code "BE", and its country names (e.g., BELGIUM). If country code "BE" was not in the file, the message "MATCH NOT FOUND" would be returned.

e. Process-ID 21. This process-ID contains all of the IBP country names, and their associated IBP country codes. This process-ID is similar to Process-ID 20. The key for this process-ID is a country name.

(1) Process-ID 21 (Key B). This inquiry returns all country names beginning with "B" and their associated country codes.

(2) Process-ID 21 (Key Belgium). This inquiry returns the country name of "BELGIUM" along with its country code of "BE". If the country name of "BELGIUM" is not in the file, or it is misspelled, the message "NO MATCH FOUND" will be displayed.

f. Process-ID 40. This process-ID determines reporting requirements for the input file DBT Report (ABQD5WUNDD10). The key for this process-ID is fund code. A reporting indicator of "M" causes the DBT data to be reported only to DFAS-IN. A reporting indicator of "C" causes the DBT to be reported to both DFAS-IN and DFAS-DE/MAJCOMs.

(1) If NBQA90 is processing a RDC of either "D" or "F" (report to DFAS-DE/MAJCOMs), reporting of the input fund code will be suppressed if the reporting indicator is "M". If a Process-ID 40 record cannot be located or if the indicator of the located record is "C", **the data will be moved to the output files.** See attachment 8.

(2) If NBQA90 is processing a RDC of "Y" or "Z" (report to DFAS-IN), data will be copied to the output ABQA9YUNDD95 or ABQA9ZUNDD95 files from the input ABQL4CUNDD10 or ABQD5WUNDD10 files when a Process-ID 40 record is found with a matching fund code without regard to the reporting indicator.

g. Process-ID 50. This process-ID is used to control logic in the General Ledger programs. The key consists of fund code or appropriation, and fund type.

(1) Process-ID 50 (Key 29). This inquiry returns all fund code 29 records and its associated GLIC and rules.

(2) Process-ID 50 (Key ' 57F38802000K'). This inquiry returns the appropriation 57F38802000, fund type "K" record, and its associated GLICs and rules. If this appropriation and fund type combination were not in the file, the message "MATCH NOT FOUND" will be displayed.

NOTE: Quotes are placed around this entry to show there are two spaces before the appropriation.

h. Process-ID T4 (Key 30). This inquiry returns all records containing fund code 30. Process-ID T4 is used during fiscal yearend to control logic when creating Table B records. The key consists of fund code, fund type, OAC, PEC, RCCC, and functional category.

i. Process-ID T6. This process-ID is used during fiscal yearend to determine which new fund code records to create, and to bring balances forward. The key for this process-ID consists of fund code, fund type, and OAC.

(1) Process-ID T6 (Key 30). This inquiry returns all fund code 30 records.

(2) Process-ID T6 (Key 30L). This inquiry returns fund code 30, and fund type L record to the screen, if one exists in the file.

j. Process-ID T7. This process-ID is used during fiscal yearend to edit the format, and data element compatibility of the Table B records. The key consists of fund code and fund type.

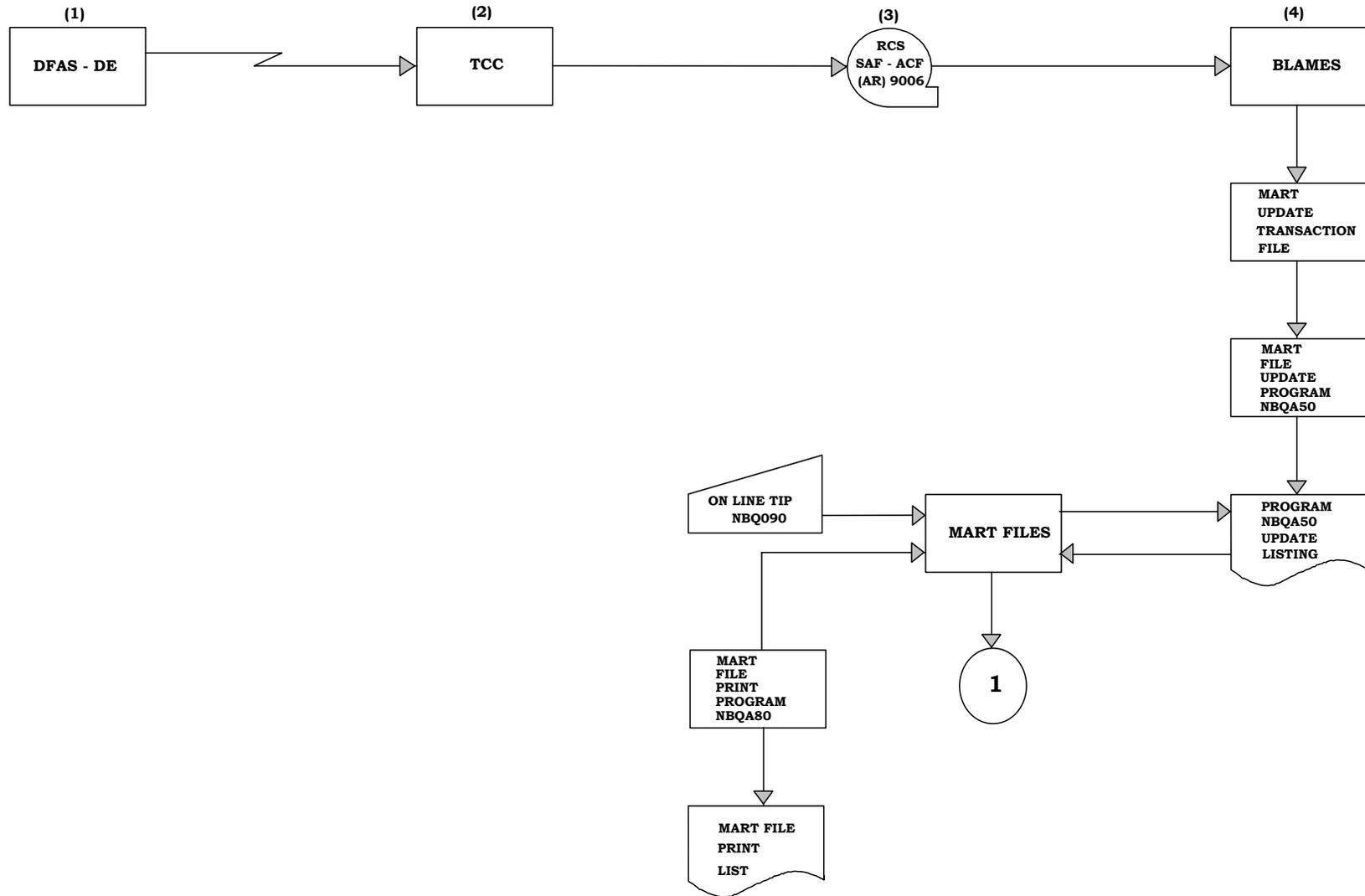
(1) Process-ID T7 (Key 30). This inquiry returns all records with a fund code of 30.

(2) Process-ID T7 (Key 30L). This inquiry returns fund code 30, and fund type L record to the screen, if one exists in the file.

The following is an example of the record layout for key and data fields of MART Select/Extract Criteria Inquiry Screen:

PROCESS- ID	KEY FIELD (REQUEST)	POSITION	SPECIAL INSTRUCTIONS	DATA FIELD (RESPONSE)	POSITION	SPECIAL INSTRUCTIONS
10	Fund Code Fiscal Year OAC OBAN	1-2 3 4-5 6-7 8-30	Blank.	DBT Indicator	1 2 3-32	Blank.
11	ZC	1-2 3-30	Blank.	Data	1-32	Blank.
12	PEC	1-6 7-30	Blank.	Activity Group Subactivity Group	1-2 3-4 5-32	Blank.
20	IBP Coun- try Code	1-2 3-30	Blank.	IBP Country Name	1-32	
21	IBP Coun- try Name	1-30		IBP Country Code	1-2 3-32	Blank.
40	Fund Code Fiscal Year	1-2 3		DBT Indicator	1	C or M.
50	Fund Code Appropri- ation Fund Type Next Record	1-2 3-13 14 15 16-30	Enter fund code or Appropri- ation Only used if rules are extended to another record. Blank.	GLIC Rules	1-2 3-29 30-32	Blank.
T4	Fund Code Fund Type OAC PEC	1-2 3 4-5 6-11		Rules/Note Rules/Note Number PEC	1 2-4 5-10	R or N.

PROCESS- ID	KEY FIELD (REQUEST)	POSITION	SPECIAL INSTRUCTIONS	DATA FIELD (RESPONSE)	POSITION	SPECIAL INSTRUCTIONS
T4	RCCC DoD-Functional Category Code	12-17 18-19 20-30	Blank.	EEIC RCCC DoD-Functional Category	11-16 17-22 23-24 25-32	Blank.
T6	Fund Code Fund Type OAC	1-2 3 4-5 6-30	Blank.	Data		See figure 36-41 for explanation of indica- tors.
T7	Fund Code Fund Type	1-2 3 4-30	Blank.			See figure 36-42 for explanation of indica- tors.



- 1 - Defense Finance and Accounting Service - Denver Center transmits update transactions.
- 2 - Telecommunication Center (TCC).
- 3 - Update transmitted as the RCS SAF-ACF(AR)9006 report.
- 4 - Base - Level AUTODIN Message Extract System (BLAMES).

Figure 36-1. MART System Flowchart.

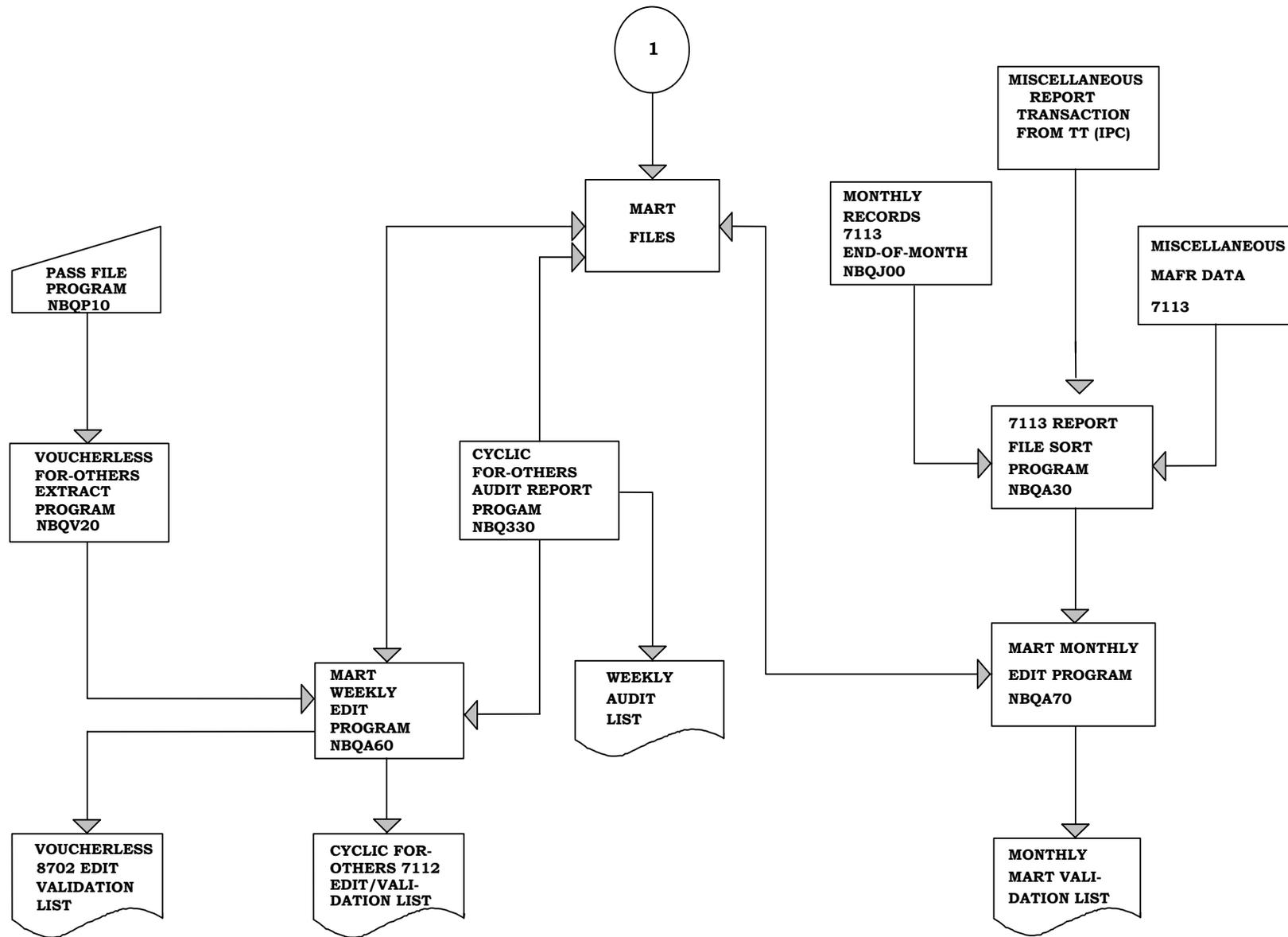


Figure 36-1. MART System Flowchart. (Cont'd)

ADSN UPDATE TRANSACTION

<u>FIELD NAME</u>	<u>RECORD POSITION</u>	<u>TYPE DATA</u>	<u>SOURCE/DESCRIPTION</u>
Action Code	1	A	A or D
File-ID	2-3	N	01
Hash Total	4-8	N	
Sequence Number	9-13	N	
Date	14-18	N	YYDDD
ADSN	19-24	AN	
Voucherless Indicator	25	AN	
Reserved	26-80	AN	

Figure 36-2. ADSN Update Transaction Format.

SALES CODE UPDATE TRANSACTION

<u>FIELD NAME</u>	<u>RECORD POSITION</u>	<u>TYPE DATA</u>	<u>SOURCE/DESCRIPTION</u>
Action Code	1	A	A or D
File-ID	2-3	N	02
Hash Total	4-8	N	
Sequence Number	9-13	N	
Date	14-18	N	YYDDD
Sales Code	19-21	AN	
FMS Indicator	22	AN	
Reserved	23-80	AN	

Figure 36-3. Sales Code Update Transaction Format.

FMS DATA UPDATE TRANSACTION

<u>FIELD NAME</u>	<u>RECORD POSITION</u>	<u>TYPE DATA</u>	<u>SOURCE/DESCRIPTION</u>
Action Code	1	A	A or D
File-ID	2-3	N	03
Hash Total	4-8	N	
Sequence Number	9-13	N	
Date	14-18	N	YYDDD
Country Code	19-20	AN	
Master Case	21-23	AN	
FMS Line	24-26	AN	
Reserved	27-80	AN	

Figure 36-4. FMS Data Update Transaction Format.

MART DATA SELECTION BY FUND CODE UPDATE TRANSACTION

<u>FIELD NAME</u>	<u>RECORD POSITION</u>	<u>TYPE DATA</u>	<u>SOURCE/DESCRIPTION</u>
Action Code	1	A	A or D
File-ID	2-3	N	04
Hash Total	4-8	N	
Sequence Number	9-13	N	
Date	14-18	N	YYDDD
Process-ID	19-20	N	01
Fund Code	21-22	AN	
"M" Year	23	AN	
Blank	24-37	AN	
MAFR	38	AN	
File Group	39	AN	
Fiscal Year Indicator	40	AN	
Program Year Indicator	41	AN	
Operating Budget Year Indicator	42	AN	
OAC Indicator	43	AN	
ASN/OBAN Indicator	44	AN	
ADSN Indicator	45	AN	
Fund Type Indicator	46	AN	
MFP Indicator	47	AN	

Figure 36-5. MART Data Selection by Fund Code Update Transaction Format.

<u>FIELD NAME</u>	<u>RECORD POSITION</u>	<u>TYPE DATA</u>	<u>SOURCE/DESCRIPTION</u>
Program Element Indicator	48	AN	
DOD FC Indicator	49	AN	
BPAC Indicator	50	AN	
Project Indicator	51	AN	
Subproject Indicator	52	AN	
Map-project Indicator	53	AN	
Advance Contract Code Indicator	54	AN	
FMS Contract/Noncontract Indicator	55	AN	
FMS Case Indicator	56	AN	
FMS Country Indicator	57	AN	
FMS Line Indicator	58	AN	
MPC Indicator	59	AN	
ARPA NR Indicator	60	AN	
Task Indicator	61	AN	
Army/OSD ASN Indicator	62	AN	
BAAN Indicator	63	AN	
EEIC Indicator	64	AN	
SRAN Indicator	65	AN	
Sales Code Indicator	66	AN	
RC/CC Indicator	67	AN	
ESP Indicator	68	AN	

Figure 36-5. MART Data Selection by Fund Code Update Transaction Format. (Cont'd)

<u>FIELD NAME</u>	<u>RECORD POSITION</u>	<u>TYPE DATA</u>	<u>SOURCE/DESCRIPTION</u>
Type Vendor Indicator	69	AN AN	
CCC (CAAS) Indicator	70		
0-1 Line Item Data	71	AN	
Receipt Code Indicator	72	AN	
Deposit Fund Code Indicator	73	AN	
Payroll Office Indicator	74	AN	
All Indicator	75	AN	
Reserved	76-80	AN	

Figure 36-5. MART Data Selection by Fund Code Update Transaction Format. (Cont'd)

MART DATA SELECTION BY APPROPRIATION UPDATE TRANSACTION

<u>FIELD NAME</u>	<u>RECORD POSITION</u>	<u>TYPE DATA</u>	<u>SOURCE/DESCRIPTION</u>
Action Code	1	A	A or D
File-ID	2-3	N	05
Hash Total	4-8	N	
Sequence Number	9-13	N	
Date	14-18	N	YYDDD
Process-ID	19-20	N	01
Appropriation	21-33	AN	
MAFR	34	AN	
Fund Code	35-36	AN	
Blank	37-38	AN	
File Group	39	AN	
Fiscal Year Indicator	40	AN	
Program Year Indicator	41	AN	
Operating Budget Year Indicator	42	AN	
OAC Indicator	43	AN	
ASN/OBAN Indicator	44	AN	
ADSN Indicator	45	AN	
Fund Type Indicator	46	AN	
MFP Indicator	47	AN	
Program Element Indicator	48	AN	

Figure 36-6. MART Data Selection by Appropriation Update Transaction Format.

<u>FIELD NAME</u>	<u>RECORD POSITION</u>	<u>TYPE DATA</u>	<u>SOURCE/DESCRIPTION</u>
DOD FC Indicator	49	AN	
BPAC Indicator	50	AN	
Project Indicator	51	AN	
Subproject Indicator	52	AN	
MAP-project Indicator	53	AN	
Advance Contract Code Indicator	54	AN	
FMS Contract/Noncontract Indicator	55	AN	
FMS Case Indicator	56	AN	
FMS Country Indicator	57	AN	
FMS Line Indicator	58	AN	
MPC Indicator	59	AN	
ARPA NR Indicator	60	AN	
Task Indicator	61	AN	
Army/OSD ASN Indicator	62	AN	
BAAN Indicator	63	AN	
EEIC Indicator	64	AN	
SRAN Indicator	65	AN	
Sales Code Indicator	66	AN	
RC/CC Indicator	67	AN	
ESP Indicator	68	AN	
Type Vendor Indicator	69	AN	

Figure 36-6. MART Data Selection by Appropriation Update Transaction Format. (Cont'd)

<u>FIELD NAME</u>	<u>RECORD POSITION</u>	<u>TYPE DATA</u>	<u>SOURCE/DESCRIPTION</u>
CCC (CAAS) Indicator	70	AN	
0-1 Line Item Data	71	AN	
Receipt Code Indicator	72	AN	
Deposit Fund Code Indicator	73	AN	
Payroll Office Indicator	74	AN	
All Indicator	75	AN	
Reserved	76-80	AN	

Figure 36-6. MART Data Selection by Appropriation Update Transaction Format. (Cont'd)

MART VALIDATION UPDATE TRANSACTION

<u>FIELD NAME</u>	<u>RECORD POSITION</u>	<u>TYPE DATA</u>	<u>SOURCE/DESCRIPTION</u>
Action Code	1	A	A or D
File-ID	2-3	N	06
Hash Total	4-8	N	
Sequence Number	9-13	N	
Date	14-18	N	YYDDD
File Group	19	AN	
Fund Code	20-21	AN	
Fiscal Year	22	AN	
Appropriation	23-35	AN	
Program Year	36	AN	
OAC	37-38	AN	
BAAN	39-41	AN	
FMS Case	42-44	AN	
Army/OSD ASN	45-48	AN	
BPAC	49-54	AN	
Project	55-58	AN	
Subproject	59-60	AN	
Country Code	61-62	AN	
Reserved	63-80	AN	

Figure 36-7. MART Validation Update Transaction Format.

MART VALIDATION ERROR MESSAGE UPDATE TRANSACTION

<u>FIELD NAME</u>	<u>RECORD POSITION</u>	<u>TYPE DATA</u>	<u>SOURCE/DESCRIPTION</u>
Action Code	1	A	A or D
File-ID	2-3	N	07
Hash Total	4-8	N	
Sequence Number	9-13	N	
Date	14-18	N	YYDDD
Error Number	19-21	AN	
Error Phrase	22-64	AN	
Reserved	65-80	AN	

Figure 36-8. MART Validation Error Message Update Transaction Format.

SELECT/EXTRACT CRITERIA UPDATE TRANSACTION

<u>FIELD NAME</u>	<u>RECORD POSITION</u>	<u>TYPE DATA</u>	<u>SOURCE/DESCRIPTION</u>
Action Code	1	A	A or D
File-ID	2-3	N	08
Hash Total	4-8	N	
Sequence Number	9-13	N	
Date	14-18	N	YYDDD
Process-ID	19-20	N	
Key	21-50	AN	
Indicators	51-80	AN	

Figure 36-9. Select/Extract Criteria Update Transaction Format.

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MASTER VALIDATION/EDIT TABLES UPDATE LIST

PCN SH069-A51

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FMS TRANSACTIONS

										F	F			
										C	M	M		
										O	S	S		
										U				
T	F	H			D	N	C	L			R	M		
I	I	A	S	A	T	A	I			E	S			
O	LI	S	E	T	R	S	N			C	G			
N	ED	H	Q	E	Y	E	E	#	#	MESSAGE:				
A	03	24080	23275	93245	KS	TEM	999			00003				
A	03	23678	23276	93245	NO	NCD	001			00004				
A	03	22736	23277	93245	NO	NCH	001			00005				
A	03	22883	23278	93245	NO	NCH	002			00006				
A	03	22254	23279	93245	N2	NBF	001			00007				
A	03	21498	23280	93245	N2	NBF	002			00008				
A	03	21453	23281	93245	N2	NBF	003			00009				
A	03	22431	23282	93245	SR	GGR	001			00010				
A	03	23409	23283	93245	SR	GGR	002			00011				
A	03	23491	23284	93245	SR	GGR	003			00012				
A	03	23676	23285	93245	SR	QCU	001			00013				
A	03	23861	23286	93245	SR	QCU	002			00014				
A	03	23943	23287	93245	SR	QCU	003			00015				
A	03	24025	23288	93245	SR	QCU	004			00016				
A	03	24107	23289	93245	SR	QCU	005			00017				
A	03	24268	23418	93245	KS	TEM	999			00018	020	SEQUENCE ERROR		
A	03	24268	23418	93245	KS	TEM	999			00018	021	HASH TOTAL ERROR		
A	03	23654	23419	93245	NO	NCD	001			00019				
A	03	22585	23420	93245	NO	NCH	001			00020				
A	03	22605	23421	93245	NO	NCH	002			00021				
A	03	21976	23422	93245	N2	NBF	001			00022				
A	03	21347	23423	93245	N2	NBF	002			00023				
A	03	21429	23424	93245	N2	NBF	003			00024				
A	03	22407	23425	93245	SR	GGR	001			00025				
A	03	23385	23426	93245	SR	GGR	002			00026				
A	03	23467	23427	93245	SR	GGR	003			00027				
A	03	23652	23428	93245	SR	QCU	001			00028				
A	03	23837	23429	93245	SR	QCU	002			00029				
A	03	23792	23430	93245	SR	QCU	003			00030				
A	03	23747	23431	93245	SR	QCU	004			00031				
A	03	23829	23432	93245	SR	QCU	005			00032				

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MASTER VALIDATION/EDIT TABLES UPDATE LIST
DATA SELECTION BY APPROPRIATION TRANSACTIONS

PCN SH069-A51

										INDICATORS: A C L A A E S E C R P																					
										I D A I R R E C S C E A																					
										L F O A F P B S V S N P M I P C C Y																					
										E Y B S T E D P U E E A Y C R										R	M										
T	F	H			D	S			M	Y	NA	OAPB	C	T	B	S	R	C	L	E	S										
I	I	A	S	A			A	G	O	D	DCR	M	C	O	M	A	A	R	C	T	D	A									
O	L	S	E	T	I			F	R	P	A	S	F	F	O	A	N	U	P	S	A	A	C	T	R	E	L				
N	E	H	Q	E	D	APPROPRIATION	R	P	Y	C	N	P	C	J	P	C	N	C	K	N	N	C	Y	L	P	L	#	#	MESSAGE:		
A	05	34389	09363	92225	01	17	21319W6ZZ	D	2																		00088	019	SUSPECTED	DUPLICATE	
A	05	34589	09364	92225	01	17	2131946ZZ	D	2																			00089	019	SUSPECTED	DUPLICATE
A	05	33157	09365	92225	01	17	21804A8GS	D	2																			00090	019	SUSPECTED	DUPLICATE
A	05	32271	09366	92225	01	17	21804J73P	D	2																			00091	019	SUSPECTED	DUPLICATE
A	05	30644	09367	92225	01	17	21804129C	D	2																			00092	019	SUSPECTED	DUPLICATE
A	05	29555	09368	92225	01	17	21804129D	D	2																			00093	019	SUSPECTED	DUPLICATE
A	05	29682	09369	92225	01	17	21804129F	D	2																			00094	019	SUSPECTED	DUPLICATE
A	05	29682	09370	92225	01	17	21804129G	D	2																			00095	019	SUSPECTED	DUPLICATE
A	05	28843	09371	92225	01	17	218042280	D	2																			00096	019	SUSPECTED	DUPLICATE
A	05	29220	09372	92225	01	17	21804577K	D	2																			00097	019	SUSPECTED	DUPLICATE
A	05	29398	09373	92225	01	17	218046920	D	2																			00098	019	SUSPECTED	DUPLICATE
A	05	30642	09374	92225	01	17	2180487UP	D	2																			00099	019	SUSPECTED	DUPLICATE
A	05	31570	09375	92225	01	17	21804872K	D	2																			00100	019	SUSPECTED	DUPLICATE
A	05	30572	09376	92225	01	17	21804972R	D	2																			00101	019	SUSPECTED	DUPLICATE
A	05	30919	09377	92225	01	97	X49121952	D	2																			00102	019	SUSPECTED	DUPLICATE
A	05	32874	09378	92226	01	97	X4930NH2D	D	2																			00103	019	SUSPECTED	DUPLICATE
A	05	37376	09379	92225	01	17	21319W6ZZ	C	3																			00104	019	SUSPECTED	DUPLICATE
A	05	38830	09380	92225	01	17	2131946ZZ	C	3																			00105	019	SUSPECTED	DUPLICATE
A	05	37271	09381	92225	01	17	21804A8GS	C	3																			00106	019	SUSPECTED	DUPLICATE
A	05	36385	09382	92225	01	17	21804J73P	C	3																			00107	019	SUSPECTED	DUPLICATE
A	05	34758	09383	92225	01	17	21804129C	C	3																			00108	019	SUSPECTED	DUPLICATE
A	05	33669	09384	92225	01	17	21804129D	C	3																			00109	019	SUSPECTED	DUPLICATE
A	05	33796	09385	92225	01	17	21804129F	C	3																			00110	019	SUSPECTED	DUPLICATE
A	05	33923	09386	92225	01	17	21804129G	C	3																			00111	019	SUSPECTED	DUPLICATE
A	05	33211	09387	92225	01	17	218042280	C	3																			00112	019	SUSPECTED	DUPLICATE
A	05	33588	09388	92225	01	17	21804577K	C	3																			00113	019	SUSPECTED	DUPLICATE
A	05	33766	09389	92225	01	17	218046920	C	3																			00114	019	SUSPECTED	DUPLICATE
A	05	34883	09390	92225	01	17	2180487UP	C	3																			00115	019	SUSPECTED	DUPLICATE
A	05	35684	09391	92225	01	17	21804872K	C	3																			00116	019	SUSPECTED	DUPLICATE

Figure 36-14. Master Validation/Edit Tables Update List--Data Selection by Appropriation Table.

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MASTER VALIDATION/EDIT TABLES UPDATE LIST
DATA SELECTION BY APPROPRIATION TRANSACTIONS

PCN SH069-A51

										F INDICATORS: A C L A A E S E C R P																			
										I D A I R R E C S C E A																			
										L F O A F P B S V S N P M I P C C Y																			
										E Y B S T E D P U E E A Y C																			
T	F	H		D	S	M	Y	N	A	O	A	P	B	S	V	S	N	P	M	I	P	C	C	Y	R	M			
I	I	A	S	A		A	G		O	D	M	D	C	R	M	C	O	M	A	A	R	C	T	D	A	E	S		
O	L	I	S	E	T	I	F	R	P	A	S	F	F	O	A	N	U	P	S	A	A	C	T	R	E	L	C	G	
N	E	D	H	Q	E	D	A	P	P	R	I	A	T	I	O	N											#	#	MESSAGE:
A	05	34686	09392	92225	01	17	21804972R	C	3																	00117	019	SUSPECTED	DUPLICATE
A	05	35033	09393	92225	01	97	X49121952	C	3																	00118	019	SUSPECTED	DUPLICATE
A	05	36988	09394	92226	01	97	X4930NH2D	C	3																	00119	019	SUSPECTED	DUPLICATE
A	05	39742	09395	92225	01	17	21319W6ZZ	M	3																	00120	019	SUSPECTED	DUPLICATE
A	05	39575	09396	92225	01	17	2131946ZZ	M	3																	00121	019	SUSPECTED	DUPLICATE
A	05	38143	09397	92225	01	17	21804A8GS	M	3																	00122	019	SUSPECTED	DUPLICATE
A	05	37257	09398	92225	01	17	21804J73P	M	3																	00123	019	SUSPECTED	DUPLICATE
A	05	35630	09399	92225	01	17	21804129C	M	3																	00124	019	SUSPECTED	DUPLICATE

Figure 36-14. Master Validation/Edit Tables Update List--Data Selection by Appropriation .
Table. (Cont'd)

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MASTER VALIDATION/EDIT TABLES UPDATE LIST
MART VALIDATION TRANSACTIONS

PCN SH069-A51

A	C	T	F	H	D	F	F	P	B	FC	C	R	M							
I	I	A	S	A	U			O	A	MA	S	E	S							
O	LI	S	E	T	F	NC	Y	Y	A	A	SS	C	G							
N	ED	H	Q	E	G	DD	R	APPROPRIATION	R	C	N	E	ARMY	BPAC	PROJ	B	YE	#	#	MESSAGE:
D	06	34063	62421	92220	4	30	2	57	23400		B859	10	00177	019	SUSPECTED	DUPLICATE				
D	06	37479	62422	92220	4	30	2	57	23400		B859	47	00178	019	SUSPECTED	DUPLICATE				
D	06	37388	62423	92220	4	30	2	57	23400		B875	01	00179	019	SUSPECTED	DUPLICATE				
D	06	36751	62424	92220	4	30	2	57	23400		B875	02	00180	019	SUSPECTED	DUPLICATE				
D	06	36901	62425	92220	4	30	2	57	23400		B875	03	00181	019	SUSPECTED	DUPLICATE				
D	06	37051	62426	92220	4	30	2	57	23400		B875	04	00182	019	SUSPECTED	DUPLICATE				
D	06	38351	62427	92163	4	32	2	57	23500		5780	0V	00183	019	SUSPECTED	DUPLICATE				
D	06	39827	62428	92163	4	32	2	57	23500		5880	0Y	00184	019	SUSPECTED	DUPLICATE				
D	06	39910	62429	92163	4	32	2	57	23500		5889	9D	00185	019	SUSPECTED	DUPLICATE				
D	06	39869	62430	92163	4	32	2	57	23500		5889	9H	00186	019	SUSPECTED	DUPLICATE				
D	06	40070	62431	92163	4	32	2	57	23500		5889	9I	00187	019	SUSPECTED	DUPLICATE				
D	06	40217	62432	92163	4	32	2	57	23500		5889	9J	00188	019	SUSPECTED	DUPLICATE				
D	06	40364	62433	92163	4	32	2	57	23500		5889	9K	00189	019	SUSPECTED	DUPLICATE				
D	06	40512	62434	92163	4	32	2	57	23500		5889	9L	00190	019	SUSPECTED	DUPLICATE				
D	06	40660	62435	92163	4	32	2	57	23500		5889	9M	00191	019	SUSPECTED	DUPLICATE				
D	06	41048	62436	92163	4	32	2	57	23500		5889	9R	00192	019	SUSPECTED	DUPLICATE				
D	06	41490	62437	92163	4	32	2	57	23500		5889	9T	00193	019	SUSPECTED	DUPLICATE				
D	06	41932	62438	92163	4	32	2	57	23500		5889	9Y	00194	019	SUSPECTED	DUPLICATE				
A	06	36834	62439	92230	5			97	X4930NH2D				00195	019	SUSPECTED	DUPLICATE				
A	06	30114	62440	92230	4	32	1	57	13500		477		00196	019	SUSPECTED	DUPLICATE				
A	06	34130	62441	92163	4	32	2	57	23500		5780	0V	00197	019	SUSPECTED	DUPLICATE				
A	06	39523	62442	92163	4	32	2	57	23500		5889	9D	00198	019	SUSPECTED	DUPLICATE				
A	06	39846	62443	92163	4	32	2	57	23500		5889	9H	00199	019	SUSPECTED	DUPLICATE				
A	06	40174	62444	92163	4	32	2	57	23500		5889	9I	00200	019	SUSPECTED	DUPLICATE				
A	06	40321	62445	92163	4	32	2	57	23500		5889	9J	00201	019	SUSPECTED	DUPLICATE				
A	06	40468	62446	92163	4	32	2	57	23500		5889	9K	00202	019	SUSPECTED	DUPLICATE				
A	06	40616	62447	92163	4	32	2	57	23500		5889	9L	00203	019	SUSPECTED	DUPLICATE				
A	06	40764	62448	92163	4	32	2	57	23500		5889	9M	00204	019	SUSPECTED	DUPLICATE				
A	06	41152	62449	92163	4	32	2	57	23500		5889	9R	00205	019	SUSPECTED	DUPLICATE				
A	06	41467	62450	92163	4	32	2	57	23500		5889	9T	00206	019	SUSPECTED	DUPLICATE				
A	06	41782	62451	92163	4	32	2	57	23500		5889	9Y	00207	019	SUSPECTED	DUPLICATE				

Figure 36-15. Master Validation/Edit Tables Update List--MART Validation Table.

PREPARED 01 DEC 13 17:10

MASTER VALIDATION/EDIT TABLES UPDATE LIST

PCN SH069-A51

MART FILE SUMMARY REPORT

FILE-ID	FILE NAME	HASH	SEQ #
VBQA5AUNDD10	MART VALIDATION FILE	21173	16046
VBQA5BUNDD20	DATA SELECT/FUND CODE FILE	15928	00526
VBQA5CUNDD30	ERROR FILE	45828	00014
VBQA5DUNDD40	ADSN FILE	07859	00005
VBQA5KUNDD50	DATA SELECT/APPROPRIATION FILE	16640	06776
VBQA5FUNDD60	FOREIGN MILITARY SALES FILE	11685	00531
VBQA5GUNDD70	SALES CODE FILE	07220	00004
VBQA5HUNDD80	SELECT CRITERIA FILE	13390	00479

*** UPDATE SUCCESSFUL ***

THE FOLLOWING PROGRAM(S) AND VERSION DATE(S) WERE USED IN CREATING THIS REPORT :
NBQA500UABS0 - 980824

END PAGE 2

MASTER VALIDATION/EDIT TABLES UPDATE FORMAT

1. Content of List. The list identifies the update transactions processed by program NBQA50 for the MART System files. It is possible to process eight different types of transactions: ADSN, Sales Code, FMS, Data Selection by Fund Code, Data Selection by Appropriation, MART Validation, Error Message, and Select/Extract Criteria.

a. Heading. The computer prints the date prepared, title, and product control number on the first heading line. The second heading line has the base name and type of transaction that was processed.

b. Data Element Descriptions.

(1) ADSN Transactions.

- (a) ACTION. Action code.
- (b) FILE-ID. File-Identifier 01.
- (c) HASH. Numeric Hash Total.
- (d) SEQ. Sequence Number.
- (e) DATE. Transaction Date.
- (f) ADSN. Accounting and Disbursing Station Number.
- (g) VOUCH. Voucherless Indicator.
- (h) RES 1. Reserved Position 1.
- (i) RES 2. Reserved Position 2.
- (j) RES 3. Reserved Position 3.
- (k) RES 4. Reserved Position 4.
- (l) REC #. Record Number.
- (m) MSG#. Message Number.
- (n) MESSAGE:. Reject Message.

(2) Sales Code Transactions.

- (a) ACTION. Action Code.
- (b) FILE-ID. File-Identifier 02.

Figure 36-19. Master Validation/Edit Tables Update Format.

- (c) HASH. Numeric Hash Total.

- (d) SEQ. Sequence Number.
 - (e) DATE. Transaction Date.
 - (f) SALES CD. Sales Code.
 - (g) FMS IND. Foreign Military Sales Indicator.
 - (h) REC #. Record Number.
 - (i) MSG#. Message Number.
 - (j) MESSAGE:. Reject Message.
- (3) FMS Transactions.
- (a) ACTION. Action Code.
 - (b) FILE-ID. File Identifier 03.
 - (c) HASH. Numeric Hash Total.
 - (d) SEQ. Sequence Number.
 - (e) DATE. Transaction Date.
 - (f) COUNTRY. Foreign Military Sales Country Code.
 - (g) FMS CASE. Foreign Military Sales Master Case Code.
 - (h) FMS LINE. Foreign Military Sales Line Item Code.
 - (i) REC #. Record Number.
 - (j) MSG#. Message Number.
 - (k) MESSAGE:. Reject Message.
- (4) Data Selection by Fund Code Transactions.
- (a) ACTION. Action Code.
 - (b) FILE-ID. File Identifier 04.
 - (c) HASH. Numeric Hash Total.

Figure 36-19. Master Validation/Edit Tables Update Format. (Cont'd)

- (d) SEQ. Sequence Number.
- (e) DATE. Transaction Date.
- (f) PROCS-ID. Process-Identifier, 01 for MAFR Processing.
- (g) FUND CD. Fund Code.
- (h) M YR. Successor "M" Year.
- (i) MAFR. Merged Accountability and Fund Reporting Code.
- (j) FILE GRP. File Group.
- (k) FY. Fiscal Year Indicator.
- (l) PY. Program Year Indicator.
- (m) OBY. Operating Budget Year Indicator.
- (n) OAC. Operating Agency Code Indicator.
- (o) ASN. Allotment Serial Number Indicator.
- (p) ADSN. Accounting and Disbursing Station Number Indicator.
- (q) FT. Fund Type Indicator.
- (r) MFP. Major Force Program Indicator.
- (s) PE. Program Element Indicator.
- (t) DODFC. Department of Defense Functional Category Indicator.
- (u) BPAC. Budget Program Activity Code Indicator.
- (v) PROJ. Project Indicator.
- (w) SUB. Subproject Indicator.
- (x) MAP. Military Assistance Program Project Indicator.
- (y) ADV. Advance and Progress Payment Contract Code Indicator.
- (z) CNC. Foreign Military Sales Contract/Noncontract Code Indicator.

(aa) CASE. Foreign Military Sales Master Case Code Indicator.

(ab) COUN. Foreign Military Sales Country Code Indicator.

(ac) LINE. Foreign Military Sales Line Item Code Indicator.

(ad) MPC. Materiel Program Code Indicator.

(ae) ARPA. Advance Research Projects Agency Indicator.

(af) Task. Task Indicator.

(ag) Army. Army Allotment Serial Number Indicator.

(ah) BAAN. Budget Authorization Account Number Indicator.

(ai) EEIC. Element of Expense/Investment Code Indicator.

(aj) SRAN. Stock Record Account Number Indicator.

(ak) SC. Sales Code Indicator.

(al) RCCC. Responsibility Center/Cost Center Indicator.

(am) ESP. Emergency and Special Program Indicator.

(an) TV. Type Vendor Indicator.

(ao) CCC. Contract Category Code Indicator.

(ap) CTRL. Control of 0-1 Line Item Data.

(aq) REC. Receipt Indicator.

(ar) DEP. Deposit Fund Indicator.

(as) PAYRL. Payroll Office Indicator.

(at) All. All Indicator.

(au) REC #. Record Number.

(av) MSG#. Message Number.

(aw) MESSAGE:. Reject Message.

Figure 36-19. Master Validation/Edit Tables Update Format. (Cont'd)

- (5) Data Selection By Appropriation Transactions.
- (a) ACTION. Action Code.
 - (b) FILE-ID. File-Identifier 05.
 - (c) HASH. Numeric Hash Total.
 - (d) SEQ. Sequence Number.
 - (e) DATE. Transaction Date.
 - (f) PROCS-ID. Process-Identifier, 01 for MAFR Processing.
 - (g) APPROPRIATION. Appropriation.
 - (h) MAFR. Merged Accountability and Fund Reporting Code.
 - (i) FILE GRP. File Group.
 - (j) FY. Fiscal Year Indicator.
 - (k) PY. Program Year Indicator.
 - (l) OBY. Operating Budget Year Indicator.
 - (m) OAC. Operating Agency Code Indicator.
 - (n) ASN. Allotment Serial Number Indicator.
 - (o) ADSN. Accounting and Disbursing Station Number Indicator.
 - (p) FT. Fund Type Indicator.
 - (q) MFP. Major Force Program Indicator.
 - (r) PE. Program Element Indicator.
 - (s) DODFC. Department of Defense Functional Category Indicator.
 - (t) BPAC. Budget Program Activity Code Indicator.
 - (u) PROJ. Project Indicator.
 - (v) SUB. Subproject Indicator.
 - (w) MAP. Military Assistance Program Project Indicator.

- (x) ADV. Advance and Progress Payment Contract Code Indicator.
- (y) CNC. Foreign Military Sales Contract/Noncontract Code Indicator.
- (z) CASE. Foreign Military Sales Master Case Code Indicator.
- (aa) COUN. Foreign Military Sales Country Code Indicator.
- (ab) LINE. Foreign Military Sales Line Item Code Indicator.
- (ac) MPC. Materiel Program Code Indicator.
- (ad) ARPA. Advance Research Projects Agency Indicator.
- (ae) TASK. Task Indicator.
- (af) ARMY. Army Allotment Serial Number Indicator.
- (ag) BAAN. Budget Authorization Account Number Indicator.
- (ah) EEIC. Element of Expense/Investment Code Indicator.
- (ai) SRAN. Stock Record Account Number Indicator.
- (aj) SC. Sales Code Indicator.
- (ak) RCCC. Responsibility Center/Cost Center Indicator.
- (al) ESP. Emergency and Special Program Indicator.
- (am) TV. Type Vendor Indicator.
- (an) CCC. Contract Category Code Indicator.
- (ao) CTRL. Control of 0-1 Line Item Data.
- (ap) REC. Receipt Indicator.
- (aq) DEP. Deposit Fund Indicator.
- (ar) PAYRL. Payroll Office Indicator.
- (as) ALL. All Indicator.
- (at) REC #. Record Number.
- (au) MSG#. Message Number.
- (av) MESSAGE:. Reject Message.

Figure 36-19. Master Validation/Edit Tables Update Format. (Cont'd)

- (6) Mart Validation Transactions.
 - (a) ACTION. Action Code.
 - (b) FILE-ID. File-Identifier 06.
 - (c) HASH. Numeric Hash Total.
 - (d) SEQ. Sequence Number.
 - (e) DATE. Transaction Date.
 - (f) FG. File Group.
 - (g) FUND CD. Fund Code.
 - (h) F YR. Fiscal Year.
 - (i) APPROPRIATION. Appropriation.
 - (j) P YR. Program Year.
 - (k) OAC. Operating Agency Code.
 - (l) BAAN. Budget Authorization Account Number.
 - (m) FMS CASE. Foreign Military Sales Master Case Code.
 - (n) ARMY. Army Allotment Serial Number.
 - (o) BPAC. Budget Program Activity Code.
 - (p) PROJ. Project.
 - (q) SUB. Subproject.
 - (r) COUNTRY CODE. Foreign Military Sales Country Code.
 - (s) REC #. Record Number.
 - (t) MSG#. Message Number.
 - (u) MESSAGE:. Reject Message.
- (7) Error Message Transaction.
 - (a) ACTION. Action Code.

Figure 36-19. Master Validation/Edit Tables Update Format. (Cont'd)

- (b) FILE-ID. File-Identifier 07.
 - (c) HASH. Numeric Hash Total.
 - (d) SEQ. Sequence Number.
 - (e) DATE. Transaction Date.
 - (f) ERR#. Error Number.
 - (g) ERROR PHRASE. Error Phrase.
 - (h) REC #. Record Number.
 - (i) MSG#. Message Number.
 - (j) MESSAGE:. Reject Message.
- (8) Select/Extract Criteria Transactions.
- (a) ACTION. Action Code.
 - (b) FILE-ID. File-Identifier 08.
 - (c) HASH. Numeric Hash Total.
 - (d) SEQ. Sequence Number.
 - (e) DATE. Transaction Date.
 - (f) PROCESS-ID. Process-Identifier.
 - (g) KEY. Key for Future Enhancements.
 - (h) INDICATORS. Indicators for Future Enhancements.
 - (i) REC #. Record Number.
 - (j) MSG#. Message Number.
 - (k) MESSAGE:. Reject Message.
2. Data Content. MART System File Update Transactions.
3. Sequence. File-ID, Sequence Number, and Action Code.
4. Distribution. The Reports and Analysis Division retains the original list until a new revision to the file is received from SSG. All other copies may be distributed as determined locally.

MART FILE SUMMARY REPORT

Content of List. The list identifies the hash total and sequence number of the last update processed for all eight MART files.

a. Heading. The computer prints the date prepared, title, and product control number on the first heading line. The second heading line has "MART File Summary Report".

b. Data Element Descriptions.

- (1) MART Validation File (VBQA5AUNDD10).
 - (a) HASH. Hash Total.
 - (b) SEQ #. Sequence Number.
- (2) Data Select/Fund Code File (VBQA5BUNDD20).
 - (a) HASH. Hash Total.
 - (b) SEQ #. Sequence Number.
- (3) Error File (VBQA5CUNDD30).
 - (a) HASH. Hash Total.
 - (b) SEQ #. Sequence Number.
- (4) ADSN File (VBQA5DUNDD40).
 - (a) HASH. Hash Total.
 - (b) SEQ #. Sequence Number.
- (5) Data Select/Appropriation File (VBQA5KUNDD50).
 - (a) HASH. Hash Total.
 - (b) SEQ #. Sequence Number.
- (6) Foreign Military Sales File (VBQA5FUNDD60).
 - (a) HASH. Hash Total.
 - (b) SEQ #. Sequence Number.

Figure 36-20. MART File Summary Report.

- (7) Sales Code File (VBQA5GUNDD70).
 - (a) HASH. Hash Total.
 - (b) SEQ #. Sequence Number.
- (8) Select Criteria File (VBQA5HUNDD80).
 - (a) HASH. Hash Total.
 - (b) SEQ #. Sequence Number.

TITLE: MASTER VALIDATION/EDIT TABLES LIST

FILE-ID: ABQA8XUNDC10

<u>DESCRIPTION</u>	<u>POSITIONS</u>	<u>SPECIAL INSTRUCTIONS</u>
AFO-ID	1	
File Selections	4-11	See note 1.
	12-14	Blank.
MART File Report		
Major Sort Option A, B, or C	15	See notes 2 and 3.
	16-17	Blank.
Minor Sort Options	18-22	See notes 2, 4, and 5.
	23-80	Blank.

NOTE 1: Place a "X" in the positions, which reflect file printouts you desire.

<u>RECORD POSITIONS</u>	<u>FILE TYPE</u>
4	ADSN
5	Sales Code
6	FMS
7	Data Selection by Fund Code
8	Data Selection by Appropriation
9	MART Validation (selection of this file requires an entry in position 15 and at least one entry in positions 18-22, left-justified)
10	MART Error Message Validation
11	Select/Extract Criteria

Figure 36-21. Control Record--Master Validation/Edit Tables List.

NOTE 2: Major and minor sort options apply to the MART Validation File (06) only. Refer to notes 3 and 4 for major and minor sort options.

NOTE 3: A = AFO by File Group
B = AFO by Fund Code/FY
C = AFO by Appropriation

NOTE 4: If 15 = A, position 18-22 must have one or more of the following: 2, 3, 4, 5, 6.
If 15 = B, position 18-22 must have one or more of the following: 1, 3, 4, 5, 6.
If 15 = C, position 18-22 must have one or more of the following: 1, 2, 4, 5, 6.

Positions 18-22 can be arrayed in any order.

NOTE 5: Report Content Fields:

- 1 - File group
- 2 - Fund code/fiscal year
- 3 - Appropriation
- 4 - OAC
- 5 - BAAN
- 6 - Project/subproject

PREPARED 01 AUG 31 14:04
AFO 0 ELEMENDORF AFB

MASTER VALIDATION/EDIT TABLES LIST
ADSN TABLE

PCN SH069-A81

ABQA8X CONTROL RECORD = 0 XXXXXXXX A 23456

ADSN	V	R	R	R	R	ADSN	V	R	R	R	R	ADSN	V	R	R	R	R	ADSN	V	R	R	R	R	ADSN	V	R	R	R	R
	O	E	E	E	E		O	E	E	E	E		O	E	E	E	E		O	E	E	E	E		O	E	E	E	E
	C	S	S	S	S		C	S	S	S	S		C	S	S	S	S		C	S	S	S	S		C	S	S	S	S
	H	1	2	3	4		H	1	2	3	4		H	1	2	3	4		H	1	2	3	4		H	1	2	3	4

001076		001110		004167		004353		009133		011114		018020
019016		022079		025066		030075		030082		033017		033184
034066		035026		041133		041443		044110		044214		062467
062470		062472		062474		062477		062472		062766		062864
068342		068711		091532		092031		094626		095507		099999
111444		151515		201800		333300		380003		380100		410101
410102		410201		410202		410301		410302		410401		410402
410501		410502		410503		410504		410601		410701		410801
410901		411001		411101		411102		411103		411201		411301
411401		411402		411403		411501		411502		411601		411602
411701		411702		411801		411901		412001		412101		412201
412202		412301		412302		412303		412401		412402		412501
412502		412503		412601		412602		412701		412801		412901
413001		413101		413102		413201		413301		413302		413303
413304		413306		413401		413501		413601		413603		413604
413605		413701		413702		413801		413802		413901		413902
413903		414001		414101		414201		414301		414401		414402
414403		414501		414502		414503		414601		414701		414801
414901		414902		415001		415002		415101		415102		415103
415201		415300		444444		454511		454545		492120		492122
492123		503000 Y		503100 Y		503200 Y		503300 Y		503600 Y		503700 Y
503701 Y		503711		503715		503725		503726		503744		503800 Y
503900 Y		503901		504000 Y		504200 Y		504300 Y		504400 Y		525000
525002		525100 Y		525300 Y		525301		525700 Y		525900 Y		526100 Y
526400 Y		526500 Y		527900 Y		528100 Y		528200 Y		528300 Y		528400 Y
528500 Y		539300 Y		558600 Y		590000 Y		593800 Y		594100 Y		594200 Y
595600 Y		595700 Y		596000 Y		596500 Y		596600 Y		596900 Y		597200 Y
598200 Y		598400 Y		598800		599100 Y		659600 Y		659700 Y		659900
659901		659902		659903		660000 Y		660700 Y		660900 Y		661500 Y
662300 Y		662400 Y		663000 Y		663200		663600 Y		663800 Y		664400 Y
664600 Y		664700 Y		665500 Y		666200 Y		666300 Y		666400 Y		666500 Y
667100 Y		667200 Y		667300 Y		668100 Y		668200 Y		668300 Y		66840A Y
668800 Y		669100 Y		669400 Y		669800 Y		670100 Y		670700 Y		671400 Y
671600 Y		671800 Y		672300 Y		672900 Y		673200 Y		673600 Y		674400 Y
674700 Y		674800 Y		674900 Y		675200 Y		675500 Y		675700 Y		676100 Y
676200 Y		676300 Y		676500 Y		676700 Y		676800 Y		676900		677100 Y
677800 Y		678100 Y		678900 Y		679200 Y		727272		813508		842500
843000		843011		844100 Y		844200 Y		846800		850400		852700

Figure 36-22. Master Validation/Edit Tables List--ADSN Table.

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 AFO 0 ELEMENDORF AFB

MASTER VALIDATION/EDIT TABLES LIST
 SELECT/EXTRACT CRITERIA TABLE

PCN SH069-A81

ABQA8X CONTROL RECORD = 0 XXXXXXXX A 23456

PROCESS KEY INDICATORS
 ID

11	1*****	XXX
15	1*****	XXX
17	1*****	XXX
25	1 *** Z	XXXXX
25	1 354	XXXXX
29	169****	690000XX
29	2*****	XX
30	5	X
50	4	X
53	4	XXXXX
54	4	X
56	4	X
57	4	XXXXX
58	4	X
5D	4	XXX
5E	4	XX
5G	4	XX
5H	4	XXX
5K	4	XX
5P	4	XX
70	4	Z
71	4	Z
72	4	Z
75	4	Z
76	4	Z
79	4	Z
81	4	X
82	4	X
83	1 ***	X
83	1 *****	X
84	4	XXXXX
85	4	X
89	4	XXXXX
E7	4	X
G2	4	X
MR	4	X
RP	1*****	XXXXX
RR	169****	690000XXXXX
RR	2*****	XXXXX
RV	169****	690000XXX
RV	2*****	XXX

PAGE 1

PREPARED 01 DEC 13 15:25

MASTER VALIDATION/EDIT TABLES LIST

PCN SH069-A81

AFO 0 MCGUIRE AFB

SALES CODE TABLE

ABQA8X CONTROL RECORD = 0 X

SALES CODE	FMS IND														
009		010		012		013		014		015		016		017	
019		020		021		022		023		024		025		026	
028		029		030		031		032		033		034		035	
039		040		042		043		044		048		049		050	
052		053		054		056		057		059		060		061	
065		066		067		069		072		073		074		076	
080		081		082		083		084		085		086		087	
089		090		091		092		093		094		095		097	
099		110		111		115		116		117		118		119	
151		155		156		157		158		159		170		171	
176		177		178		179		24		250		253		254	
256		257		258		259		290		296		297		298	
29A		29B		29C		29D		29E		29F		300		301	
305		306		307		308		309		321		327		328	
497		498		499		50		547		548		549		580	
588		589		61		61P		62		62P		63		63P	
67P		68		68P		69		69P		6B		6BP		6C	
6D		6DP		6E		6EP		6H		6HP		6N		6NP	
6ZP		73A	Y	73B	Y	76A	Y	76B	Y	80F		81F		82A	
82C		82D		82H		837		838		839		85A		85B	
86B		897		898		899		93A		93B		93C		94A	
AR		ARF		CA		CL		CR		DI		DL		DLF	
GA		GS		GSF		H97		H98		H99		IA		IP	
MP0		MP1		MP7		MP8		MP9		NV		NVF		OM	
OM4		OM5		OM7		OM8		OM9		PY		PY4		PY5	
PYM		RD		RD0		RD1		RD7		RD8		RD9		RE	
RE8		RE9		RP3		RP4		RP5		RR3		RR4		RR5	
SD															

FILE EDIT CONTROL RECORDS = *H07220
*S00004

THE FOLLOWING PROGRAM(S) AND VERSION DATE(S) WERE USED IN CREATING THIS REPORT :
NBQA800UABS0 - 981222

Figure 36-24. Master Validation/Edit Tables List--Sales Code Table.

PREPARED 01 AUG 31 14:04
AFO 0 ELEMENDORF AFB

MASTER VALIDATION/EDIT TABLES LIST
FMS DATA TABLE

PCN SH069-A81

ABQA8X CONTROL RECORD = 0 XXXXXXXX A 23456

COUNTRY	CASE	LINE												
00	000	SMP	00	91X	94X	00	94X	94X	00	999	999	00	999	999
00	A89	DBN	00	ADM		00	ADM	ADM	00	AL	DBN	00	JAJ	JAK
00	MAG		00	MAG	MAG	00	SEA	044	00	SEV	SEV	00	SFA	SFT
00	SIA	SIC	00	SJA	SJF	00	SKA	SKA	00	SKA	SMP	00	SPA	SQL
00	TDO	992	00	TDY	TDY	00	TDY	TDZ	00	YAA	YAB	00	YAC	YAJ
00	YAC	YAK	00	YAJ	YAJ	00	YAK	YAK	00	YAK	YAP	00	YBL	YBM
00	DMO		11	91X	94X	11	94X	94X	11	999	999	22	91X	91X
22	999	999	55	94X	94X	61	91X	94X	62	92X	94X	63	93X	93X
78	91X	94X	80	CAS		81	92X	94X	81	GSA	GSA	82	ATT	
99	999		99	999	999	A1	91X	94X	A1	94X	94X	A1	999	999
A2	94X	94X	A2	999	999	A2	NAV	NAX	A2	NAV	NBA	A2	NAY	NAZ
A2	NBH	NBI	A2	NBH	NBJ	A2	NBM	001	A2	NBN	001	A2	NBN	002
A2	NBN	004	A2	NBO	001	A2	NBP	001	A2	NBP	002	A2	NBP	003
A2	NBQ	001	A2	NBQ	002	A2	NBR	001	A2	NBS	001	A2	NBV	001
A2	NBW	001	A2	NBX	001	A2	NBY	001	A2	NBY	002	A2	NBZ	001
A2	TBI	901	A2	TBJ	999	A2	TBK	901	A2	TBL	999	A2	TBN	999
A2	TBR	999	A2	YAA	001	AC	91X	94X	AC	94X	94X	AC	999	999
AF	94X	94X	AF	999	999	AG	91X	94X	AG	94X	94X	AG	999	999
AG	TAF	902	AG	TAF	999	AL	TVL	ADV	AN	91X	94X	AN	94X	94X
AO	91X	94X	AO	94X	94X	AO	999	999	AR	91X	94X	AR	94X	94X
AR	EAE	001	AR	EAG	001	AR	GAL	001	AR	GAM	001	AR	KAC	001
AR	KBD	001	AR	KBE	001	AR	KBE	002	AR	KBF	001	AR	MBJ	001
AR	MBL	001	AR	MBM	001	AR	NIC	001	AR	PBY	001	AR	PBZ	001
AR	QAC	001	AR	QAC	002	AR	QAC	003	AR	QAD	001	AR	QAD	002
AR	QAE	001	AR	QAE	002	AR	QAE	003	AR	QAE	004	AR	QAE	005
AR	RAJ	RAJ	AR	RAR	RAS	AR	RAT	RAU	AR	RAV	001	AR	RAW	001
AR	RAY	001	AR	RAZ	001	AR	RBA	001	AR	RND	001	AR	TBR	999
AT	91X	94X	AT	94X	94X	AT	999	999	AT	AGJ	AGK	AT	AMB	001
AT	AMF	001	AT	AMI	001	AT	AMQ	001	AT	AMR	001	AT	BCM	BCN
AT	CCX	CCY	AT	CDF	CDG	AT	CDP	CDR	AT	CDY	CDZ	AT	CEH	CEJ
AT	CEH	CEL	AT	CEP	001	AT	CEP	002	AT	CEP	003	AT	CES	001
AT	CEW	001	AT	CEW	002	AT	CEW	003	AT	CEX	001	AT	CEY	001
AT	CEZ	002	AT	CEZ	003	AT	CFB	001	AT	CFB	002	AT	CFB	003
AT	CFC	002	AT	DAB	DAH	AT	DBB	001	AT	DBB	002	AT	DBB	003
AT	DBC	001	AT	DBE	001	AT	DBE	002	AT	DBE	003	AT	DBE	004
AT	DBE	006	AT	DBE	007	AT	DBE	008	AT	DBG	001	AT	DBG	002
AT	DBH	002	AT	DBJ	001	AT	DBJ	002	AT	DBK	001	AT	DBK	002
AT	DBK	004	AT	EAA	EAB	AT	EAC	001	AT	EAD	001	AT	EAG	001
AT	EAI	001	AT	EAJ	001	AT	EAK	001	AT	FCM	FCN	AT	FCO	FCP
AT	FGO	001	AT	FGP	001	AT	GBZ	GCA	AT	GBZ	GCB	AT	GCJ	GCK
AT	GDE	GDF	AT	GDE	GDG	AT	GDJ	GDK	AT	GDJ	GDL	AT	GDJ	GDM
AT	GEA	GEB	AT	GED	001	AT	GEH	001	AT	GEH	002	AT	GEH	003

Figure 36-25. Master Validation/Edit Tables List--FMS Data Table.

PREPARED 01 JUN 13 13:15
AFO 0 SCOTT AFB

MASTER VALIDATION/EDIT TABLES LIST
MART DATA SELECTION BY APPROPRIATION TABLE

PCN SH069-A81

ABQA8X CONTROL RECORD = 0 XX
PROCESS APPROPRIATION
ID

MAFR FG

INDICATORS: A C L A A E S E C R P
D A I R R E C S C E A
F O A F P B S V S N P M I P C C Y
Y B S T E D P U E E A Y C R
Y N A O A P B C T B S R C L
O D M D C R M C O M A A R C T D A
P A S F F O A N U P S A A C T R E L
Y C N P C J P C N C K N N C V L P L

PROCESS ID	APPROPRIATION	MAFR	FG	INDICATORS
01	17 21235	U	6	
01	17 21235	V	5	
01	17 21319	C	3	
01	17 21319	D	2	
01	17 21319	N	2	
01	17 21319	U	6	
01	17 21319	V	5	
01	17 2131946ZZ	D	2	
01	17 2131946ZZ	M	3	N
01	17 21319W6ZZ	C	3	N
01	17 21319W6ZZ	D	2	
01	17 21319W6ZZ	M	3	N
01	17 21405	C	3	
01	17 21405	D	2	
01	17 21405	N	2	
01	17 21405	U	6	
01	17 21405	V	5	
01	17 21453	C	3	
01	17 21453	D	2	
01	17 21453	N	2	
01	17 21453	U	6	
01	17 21453	V	5	
01	17 21506	C	3	
01	17 21506	D	2	
01	17 21506	N	2	
01	17 21506	U	6	
01	17 21506	V	5	
01	17 21507	C	3	
01	17 21507	D	2	
01	17 21507	N	2	
01	17 21507	U	6	
01	17 21507	V	5	
01	17 21611	C	3	
01	17 21611	D	2	

Figure 36-27. Master Validation/Edit Tables List--MART Data Selection by Appropriation Table.

PREPARED 01 NOV 03
 AFO 0 GUNTER AFB AL

MASTER VALIDATION/EDIT TABLES LIST
 MART VALIDATION TABLE

PCN SH069-A81

AFO BY FUND CODE/FISCAL YEAR

ABQA8X CONTROL RECORD = 0 XXXXXXXX 8 1345

FC	FY	FG	APPROPRIATION	PY	OAC	BAAN-MPC	PROJECT/SUBPROJECT
		1	97 8242T000				
		1	97 8242TP00				
		1	97 8242TU00				
		1	97 8242TW00				
		1	97 8242TZ00				
		1	97 8242UA00				
		1	97 8242UG00				
		1	97 8242UK00				
		1	97 8242UX00				
		1	97 8242UY00				
		1	97 8242VC00				
		1	97 8242VE00				
		1	97 8242VC00				
		1	97 8242SC00				
		1	97 8242SC99				
		1	97 8242XD02				
		1	97 8242XDM1				
		1	97 8242XDM2				
		1	97 8242XDM3				
		2	11 01081				
		2	17 01804				
		2	21 02010				
		2	57 F3875				
		3	21 02010		01	0110	1010
		3	21 02010		01	0110	1010

Figure 36-28. Master Validation/Edit Tables List--MART Validation Table.

MASTER VALIDATION/EDIT TABLES FORMAT

1. Content of List. The list identifies the Master Validation Edit Tables printed by program NBQA80 for the MART System files. It is possible to print eight different tables: ADSN, Sales Code, FMS Data, MART Data Selection by Fund Code, MART Data Selection by Appropriation, MART Validation, MART Validation Error Message, and Select/Extract Criteria.

a. Heading. The computer prints the date prepared, title, and product control number on the first heading line. The second heading line has the AFO, base name, and table name. The third heading is limited to the MART Validation Table, which was requested.

b. Control Record. The computer prints the control record that was processed to create this list.

c. Data Element Descriptions.

(1) ADSN Table.

(a) ADSN. Accounting and Disbursing Station Number.

(b) VOUCH. Travel Accounting Voucherless Indicator.

(2) Sales Code Table.

(a) SALES CODE. Sales Code.

(b) FMS IND. Foreign Military Sales Indicator.

(3) FMS Data Table.

(a) COUNTRY. Foreign Military Sales Country Code.

(b) CASE. Foreign Military Sales Master Case Code.

(c) LINE. Foreign Military Sales Line Item Code.

(4) Mart Data Selection By Fund Code Table.

(a) PROCESS-ID. Process-Identifier.

(b) FC. Fund Code.

(c) M. Successor "M" Year.

(d) MAFR. Merged Accountability and Fund Reporting Code.

(e) FG. File Group.

Figure 36-29. Master Validation/Edit Tables Format.

- (f) FY. Fiscal Year Indicator.
- (g) PY. Program Year Indicator.
- (h) OBY. Operating Budget Year Indicator.
- (i) OAC. Operating Agency Code Indicator.
- (j) ASN. Allotment Serial Number Indicator.
- (k) ADSN. Accounting and Disbursing Station Number Indicator.
- (l) FT. Fund Type Indicator.
- (m) MFP. Major Force Program Indicator.
- (n) PE. Program Element Indicator.
- (o) DODFC. Department of Defense Functional Category Indicator.
- (p) BPAC. Budget Program Activity Code Indicator.
- (q) PROJ. Project Indicator.
- (r) SUB. Subproject Indicator.
- (s) MAP. Military Assistance Program Project Indicator.
- (t) ADV. Advance and Progress Payment Contract Code Indicator.
- (u) CNC. Foreign Military Sales Contract/Noncontract Code Indicator.
- (v) CASE. Foreign Military Sales Master Case Code Indicator.
- (w) COUN. Foreign Military Sales Country Code Indicator.
- (x) LINE. Foreign Military Sales Line Item Code Indicator.
- (y) MPC. Materiel Program Code Indicator.
- (z) ARPA. Advance Research Projects Agency Indicator.
- (aa) TASK. Task Indicator.

Figure 36-29. Master Validation/Edit Tables Format. (Cont'd)

- (ab) ARMY. Army Allotment Serial Number Indicator.
 - (ac) BAAN. Budget Authorization Account Number Indicator.
 - (ad) EEIC. Element of Expense/Investment Code Indicator.
 - (ae) SRAN. Stock Record Account Number Indicator.
 - (af) SC. Sales Code Indicator.
 - (ag) RCCC. Responsibility Center/Cost Center Indicator.
 - (ah) ESP. Emergency and Special Program Indicator.
 - (ai) TV. Type Vendor Indicator.
 - (aj) CCC. Contract Category Code Indicator.
 - (ak) CTRL. Control of 0-1 Line Item Data.
 - (al) REC. Receipt Indicator.
 - (am) DEP. Deposit Fund Indicator.
 - (an) PAYRL. Payroll Office Indicator.
 - (ao) ALL. All Indicator.
- (5) Mart Data Selection By Appropriation Table.
- (a) PROCESS-ID. Process-Identifier.
 - (b) APPROPRIATION. Appropriation.
 - (c) MAFR. Merged Accountability and Fund Reporting Code.
 - (d) FG. File Group.
 - (e) FY. Fiscal Year Indicator.
 - (f) PY. Program Year Indicator.
 - (g) OBY. Operating Budget Year Indicator.
 - (h) OAC. Operating Agency Code Indicator.
 - (i) ASN. Allotment Serial Number Indicator.
 - (j) ADSN. Accounting and Disbursing Station Number Indicator.

- (k) FT. Fund Type Indicator.
- (l) MFP. Major Force Program Indicator.
- (m) PE. Program Element Indicator.
- (n) DODFC. Department of Defense Functional Category Indicator.
- (o) BPAC. Budget Program Activity Code Indicator.
- (p) PROJ. Project Indicator.
- (q) SUB. Subproject Indicator.
- (r) MAP. Military Assistance Program Project Indicator.
- (s) ADV. Advance and Progress Payment Contract Code Indicator.
- (t) CNC. Foreign Military Sales Contract/Noncontract Code Indicator.
- (u) CASE. Foreign Military Sales Master Case Code Indicator.
- (v) COUN. Foreign Military Sales Country Code Indicator.
- (w) LINE. Foreign Military Sales Line Item Code Indicator.
- (x) MPC. Materiel Program Code Indicator.
- (y) ARPA. Advance Research Projects Agency Indicator.
- (z) TASK. Task Indicator.
- (aa) ARMY. Army Allotment Serial Number Indicator.
- (ab) BAAN. Budget Authorization Account Number Indicator.
- (ac) EEIC. Element of Expense/Investment Code Indicator.
- (ad) SRAN. Stock Record Account Number Indicator.
- (ae) SC. Sales Code Indicator.
- (af) RCCC. Responsibility Center/Cost Center Indicator.
- (ag) ESP. Emergency and Special Program Indicator.

Figure 36-29. Master Validation/Edit Tables Format. (Cont'd)

- (ah) TV. Type Vendor Indicator.
 - (ai) CCC. Contract Category Code Indicator.
 - (aj) CTRL. Control of 0-1 Line Item Data.
 - (ak) REC. Receipt Indicator.
 - (al) DEP. Deposit Fund Indicator.
 - (am) PAYRL. Payroll Office Indicator.
 - (an) ALL. All Indicator.
- (6) Mart Validation Table.
- (a) FG. File Group.
 - (b) FC. Fund Code.
 - (c) FY. Fiscal Year.
 - (d) APPROPRIATION. Appropriation.
 - (e) PY. Program Year.
 - (f) OAC. Operating Agency Code.
 - (g) BAAN - MPC. Budget Authorization Account Number - Materiel Program Code.
 - (h) PROJECT/SUBPROJECT. Project/Subproject.
- (7) Mart Validation Error Message Table.
- (a) ERROR. Error Number.
 - (b) ERROR PHRASE. Error Phrase.
- (8) Select/Extract Criteria Table.
- (a) PROCESS-ID. Process-Identifier.
 - (b) KEY. Key for future enhancements.
 - (c) INDICATORS. Indicators for future enhancements.

2. Data Content. MART Master Validation/Edit Records.
3. Sequence.
 - a. ADSN Table. ADSN.
 - b. Sales Code Table. Sales Code.
 - c. FMS Data Table. Country, Master Case, and Line Item.
 - d. MART Data Selection By Fund Code Table. Process-ID, fund code, fiscal year, and MAFR code.
 - e. MART Data Selection By Appropriation Table. Process-ID, Appropriation, and MAFR Code.
 - f. MART Validation Table.
 - (1) The major sequence is AFO by file group, AFO by fund code/fiscal year, or AFO by appropriation as specified in the control record.
 - (2) The major and minor sequence is determined by the user as designated entries in the control record.
 - g. MART Validation Error Message Table. Error number.
 - h. Select/Extract Criteria Table. Process-ID.
4. Distribution. Reports and Analysis Division retains the original list and copies may be distributed as determined locally.

Edit Codes	Edit Description	RCS HAF-ACF(M) 7113 Report Codes											RCS HAF-ACF(W) 7112 & 8702 Report Codes			
		Daily All Trans	1J	2J	4J	5J	6J	7J	OJ	K	DBC L	Action Update	AJ-YJ-	C	U	97
1. Fund Code	Does not match MART File	X	X	X										X	X	X
2. Fiscal Year	Does not match MART File	X	X	X										X	X	X
3. Appropriation	Does not match MART File	X	X	X							X			X	X	X
4. Program Year	Does not match MART File	X	X	X							X			X	X	X
5. OAC	Does not match MART File	X												X	X	X
6. BAAN	Does not match MART File	X												X	X	X
7. MPC	MPC is not present	X												X	X	X
8. ASN	Does not match MART File	X													X	X
9. MFP	Does not match MART File	X												X	X	X
10. MFP/Project	Does not match MART File	X												X	X	X
11. MFP/Advance Contract Code	Does not match MART File	X												X	X	X
12. MFP/RCCC	Does not match MART File	X												X	X	X
13. Project	Does not match MART File	X												X	X	X
14. Project/Subproject	Does not match MART File	X												X	X	X
15. MAP Project	Does not match MART File	X												X	X	X
16. BPAC	Does not match MART File	X												X	X	X
17. Advance Contract Code	Does not match MART File	X												X	X	X

Figure 36-30. Program Edit Codes.

Edit Codes	Edit Description	RCS HAF-ACF(M) 7113 Report Codes											RCS HAF-ACF(W) 7112 & 8702 Report Codes		
		Daily All Trans	1J	2J	4J	5J	6J	7J	OJ	K	DBC L	Action Update	AJ-YJ-	C	U

Figure 36-30. Program Edit Codes. (Cont'd)

MART SYSTEM ERROR NUMBERS AND PHRASES

<u>ERROR NUMBER</u>	<u>ERROR PHRASE</u>
001	FUND CODE. Fund code does not match the MART Validation File.
002	FISCAL YEAR. Fiscal year does not match the MART Validation File.
003	APPROPRIATION. Appropriation does not match the MART Validation File.
004	PROGRAM YEAR. Input year does not match File 6. The input transaction either contains: (1) an invalid year (2) a missing year, or (3) a year should be blank.
005	OAC. OAC does not match the MART Validation File.
006	BPAC. BPAC does not match the MART Validation File.
007	MPC. MPC is not present.
008	ADSN. See program edit codes in figure 36-31.
009	DEPOSIT. Deposit Fund appropriation does not match the MART Data Selection by Appropriation File.
010	FMS. FMS data does not match the MART Validation File or FMS Data File (Country, Master Case, or Line Item Code).
011	SALES CODE. Sales Code does not match the Sales Code File.
012	DATE ERROR. See program edit codes in figure 36-31.
013	INPUT-ID ERROR. See program edit codes in figure 36-31.
014	ACCT ADSN. See program edit codes in figure 36-31.

Figure 36-31. MART System Error Numbers, Phrases, and Management Notices.

<u>ERROR NUMBER</u>	<u>ERROR PHRASE</u>
---------------------	---------------------

015	INVALID ACTION CODE. The transaction contains an action code other than "A" (add) or "D" (delete). This edit is not fatal and will not stop updating of the MART Files. This error is generated to advise that the program did not take any action on the transaction.
016	RESERVED.
017	DATA ELEMENTS. The transaction's reserved field contains data elements. This edit is not fatal and will not stop updating of the MART Files. This error is generated to advise that the reserved field in updates is normally blank and that the presence of elements could cause validation problems.
018	RESERVED.
019	SUSPECTED DUPLICATE. The update transaction sequence number is equal to or less than the sequence number in the previous transaction for a particular file. Sequence numbers should be one greater than the last edited update transaction.
020	SEQUENCE ERROR. The transaction sequence number is two or more greater than the sequence number in the previous update transaction for a particular file. Sequence numbers should be one greater than the last edited update transaction.
021	HASH TOTAL ERROR. The transactions numeric hash total programmatically computed by program NBQA50 does not match the hash total field. The hash totals must match.
022	RECORD NOT FOUND IN FILE 4. A match could not be found in the MART Data Selection by Fund Code File for developing a validation record to be matched in the MART Validation File.
023	RECORD NOT FOUND IN FILE 5. A match could not be found in the MART Data Selection by Appropriation File for developing a validation record to be matched in the MART Validation File.

Figure 36-31. MART System Error Numbers, Phrases, and Management Notices. (Cont'd)

<u>ERROR NUMBER</u>	<u>ERROR PHRASE</u>
---------------------	---------------------

024	MFP/PROJECT. MFP or project does not match the MART Validation File.
025	PROJECT/SUBPROJECT. Project/Subproject does not match the MART Validation File.
026	MAP PROJECT. MAP PROJECT does not match the MART Validation File.
027	ADVANCED CONTRACT CODE. Advanced contract code does not match the MART Validation File.
028	BAAN. BAAN does not match the MART Validation File.
029	ASN. ASN does not match the MART Validation File.
030	MANUAL EDIT. See program edit codes in figure 35-13.
031	OAC/OBAN. OAC/OBAN does not match the MART Validation File.
032	MFP. MFP does not match the MART Validation File.
033	MFP/RCCC. MFP/RCCC does not match the MART Validation File.
034	VALIDATION FIELDS OVERLAP. The processing of the transaction would cause an overlay of accounting data elements in the MART Validation File. For example, a single update transaction may not contain a BPAC and a project because these elements share the same field in the MART Validation File. AF Form 1730 fields 10 and 11 are validated for overlapping of incoming data elements.
035	RESERVED.
036	OVERRIDE USED--NO ERRORS ENCOUNTERED. An online transaction was processed with an override code to bypass MART edits, but the program did not encounter any error conditions.

Figure 36-31. MART System Error Numbers, Phrases, and Management Notices. (Cont'd)

<u>ERROR NUMBER</u>	<u>ERROR PHRASE</u>
---------------------	---------------------

037	FY/PY. The report record contains a Fiscal Year/Program Year, but the FY/PY indicators in the MART Data Selection by Fund Code or Appropriation File are blank.
038	SUBPROJECT/FMS COUNTRY. The report record contains a subproject or FMS country code, but the subproject and FMS country indicators in the MART Data Selection by Fund Code or Appropriation File are blank.
039	MPC/ASN. The report record contains a MPC or ASN, but the MPC/ASN indicators in the MART Data Selection by Fund Code or Appropriation File are blank.
040	SALES CODE/BAAN/FMS LINE. The report record contains a sales code, BAAN, or FMS line, but the sales code/BAAN/FMS line indicators in the MART Data Selection by Fund Code or Appropriation File are blank.
041	PROJECT/MAP PROJECT/FMS. The report record contains a project, MAP project, or FMS data, but the project, MAP project, FMS Master Case, and FMS Country indicators in the MART Data Selection by Fund Code or Appropriation File are blank.
042	PROJECT. Project does not match the MART Validation File.
043	MFP/ADVANCE CONTRACT CODE. MFP and or Advance Contract Code does not match the MART Validation File.
044	INVALID/MISSING 0-1 LINE ITEM DATA.
045-046	RESERVED.
047	INVALID IBP COUNTRY CODE. A match could not be found in the MART Select/Extract Criteria File for Process-ID 20.

Figure 36-31. MART System Error Numbers, Phrases, and Management Notices. (Cont'd)

<u>ERROR NUMBER</u>	<u>ERROR PHRASE</u>
---------------------	---------------------

048	INVALID IBP CATEGORY CODE. The category and report code is not compatible. See DFAS-DE 7010.1-R.
049	EEIC FOR IBP MISSING. The IBP record does not contain a 3-digit EEIC, but the EEIC indicator in the MART Data Selection by Fund Code or Appropriation File contains a "P".
050-079	RESERVED.
080	CC FLD MUST CONTAIN DATA. The FMS country code field is blank on the INQI3 MART Inquiry Screen.
081	CASE FLD INCOMPLETE. All three positions of the FMS case field are not completely filled on the INQI3 MART Inquiry Screen.
082	LINE FLD INCOMPLETE. All three positions of the FMS Line Field are not completely filled on the INQI3 MART Inquiry Screen.
083	INVALID FILE GROUP. The file group is not 1, 2, 3, 4, 5, 6, or 7 on the INQI3 or INQI6 Inquiry Screen.
084	FC OR APPROP MUST BE BLANK. A fund code and appropriation are both entered. Limited to a fund code or appropriation, but not both.
085	FC OR APPROP MUST CONTAIN DATA. The fund code and appropriation fields are blank on the INQI6 MART Inquiry Screen.
086	FC/APPROPRIATION INCOMPATIBLE.
087-099	RESERVED.
100	CONTENT ERROR--1.
101	CONTENT ERROR--2.
102	CONTENT ERROR--3A.

Figure 36-31. MART System Error Numbers, Phrases, and Management Notices. (Cont'd)

<u>ERROR NUMBER</u>	<u>ERROR PHRASE</u>
103	CONTENT ERROR--3B.

104	CONTENT ERROR--3C.
105	CONTENT ERROR--4.
106	CONTENT ERROR--5A.
107	CONTENT ERROR--5B.
108	CONTENT ERROR--6.
109	CONTENT ERROR--7A.
110	CONTENT ERROR--7B.
111	CONTENT ERROR--9A.
112	CONTENT ERROR--9B.
113	CONTENT ERROR--9C.
114	CONTENT ERROR--9D.
115	CONTENT ERROR--9E.
116-199	RESERVED.
200	BALANCE ERROR--1.
201	BALANCE ERROR--2A.
202	BALANCE ERROR--2C.
203	BALANCE ERROR--2D.
204	BALANCE ERROR--2E.
205	BALANCE ERROR--2F.
206	BALANCE ERROR--2G.
207	BALANCE ERROR--2H.
208	BALANCE ERROR--3A.

Figure 36-31. MART System Error Numbers, Phrases, and Management Notices. (Cont'd)

<u>ERROR NUMBER</u>	<u>ERROR PHRASE</u>
209	BALANCE ERROR--3B.

210	BALANCE ERROR--3C.
211	BALANCE ERROR--4A.
212	BALANCE ERROR--4B.
213	BALANCE ERROR--4C.
214	BALANCE ERROR--4D.
215	BALANCE ERROR--5A.
216	BALANCE ERROR--5B.
217	BALANCE ERROR--5C.
218	BALANCE ERROR--6.
219	BALANCE ERROR--7A.
220	BALANCE ERROR--7B.
221	BALANCE ERROR--7C.
222	BALANCE ERROR--7D.
223	BALANCE ERROR--9.
224-299	RESERVED.

MANAGEMENT NOTICES.

a. ***** MGT Duplicate Rec - No Write. The update transaction is a duplicate of a record already in the file. The record is ignored and no update takes place.

b. ***** MGT No Rec Found - No Delete. The delete transaction did not process because a matching record could not be found.

Figure 36-31. MART System Error Numbers, Phrases, and Management Notices. (Cont'd)

c. ***** Boundary Violation - No Write. This management notice signifies that a particular MART file was not large enough to handle the incoming data. The file in question will be at the top of the page, which contains this management notice. Match the filename with the correct file-ID using the data contained in figure 20-37. Contact the Defense Enterprise Computing Center (DECC) and ask for the tracks to be raised to 10,000 for the file in question. The MART files were not updated during this run.

d. ***** Permanent Error - Contact DBM. The program encountered a bad area of disk where one of the MART files resides. Refer to paragraph c to determine the file-ID in question. Contact the Database Manager for corrective action.

e. Attempted Recovery - No Change in Files. Contact DFAS-DE for possible retransmission. Recovery was executed, but no changes were encountered to update the MART files.

f. Update Unsuccessful - Contact DFAS-DE for Retransmission. Recovery was executed, but the MART files were not updated, the VBQA5ZUNDD90 or VBQ11MUNDD20 file contained transactions that would not process.

g. Update Successful. No fatal errors were encountered.

NOTE 1: For error numbers 100-115 and 200-223, see program edit codes in figure 36-31.

NOTE 2: Online error messages will appear in the following format:

ERROR NUMBER	3 POSITIONS
BLANK	1 POSITION
REJ	3 POSITIONS
BLANK	1 POSITION
(MART)	6 POSITIONS
BLANK	1 POSITION
ERROR PHRASE	VARIABLE

Figure 36-31. MART System Error Numbers, Phrases, and Management Notices. (Cont'd)

NOTE 3: Batch error messages will appear in the following format:

ERROR NUMBER	3 POSITIONS
BLANK	1 POSITION
ERROR PHRASE	VARIABLE

NOTE 4: MART online inquiry error messages will appear in the following format:

REJ	3 POSITIONS
BLANK	1 POSITION
(INQ)	5 POSITIONS
BLANK	1 POSITION
ERROR NUMBER	3 POSITIONS
BLANK	1 POSITION
ERROR PHASE	VARIABLE

NOTE 5: See section 20 of this manual for a complete description of the MART Online Inquiry System.

TITLE: EDIT/VALIDATION LIST

FILE-ID: ABQA6XUNDC10

<u>DESCRIPTION</u>	<u>POSITIONS</u>	<u>SPECIAL INSTRUCTIONS</u>
As-of Calendar Date	1-9	YYbMMbDD (b = blank).
As-of Julian Date	10-14	YYDDD.
AFO-ID	15	
Beginning Date of Cycle	16-19	YDDD.
Ending Date of Cycle	20-23	YDDD.
Cycle-ID	24	Enter 1 to 5 as applicable.
Transmittal List Option	25	See note 1.
	26	Blank.
Report-ID	27-31	W7112 (Constant).
	32-33	Blank.
Reporting ADSN	34-39	Enter as applicable.
	40-41	Blank.
Point of Contact	42-66	See note 2.
	67-68	Blank.
Telephone Number	69-80	See note 2.

NOTE 1: Enter an "A" to request 7112 For-Others Voucher Audit and Transmittal List (NBQA40), enter "C" to request Weekly Voucher Copy List (NBQA45), and a "B" to request both.

NOTE 2: Point of contact and telephone number (8-digit DSN or 12-digits for commercial numbers; includes dashes in telephone number) must be entered if an "A" or "B" is in position 25.

Figure 36-32. Control Record--Edit/Validation List (Weekly).

PREPARED 01 SEP 03

WEEKLY VOUCHER COPY LIST

PCN SH069-A45

VOUCHER	ADSN	APPROP	P FY	FC-FY	OAC	MPC BAAN	SALES CODE	BPAC MFP	CNC	FMS CC-MCC-LINE#	REPORT DATE	M C	AMOUNT
S00001	028013	213									366	C	10.00
S00001	028013	213					2070				366	C	10.00
S00001	030144	21X					45280650				366	C	10.00
S00001	503000			4F	49	94X		94XCJA	** ***	***	366	C	1.00
S00001	503000			4F	49	94X		94XTJA	** ***	***	366	C	10.00
S00001	503000			21	20						366	C	10.00
S00001	503000			30	3	66				A8	366	C	1.00
S00001	503000			30	3	66	80			A8	80	U	1.00-
S00001	504200			4F	49	94X		94XCJA	** ***	***	366	C	100.00
S00001	504200			30	3	66				A8	366	C	10.00
S00001	504200			30	3	66	80			A8	80	U	10.00-
*TOTAL	S00001	7 COPIES REQUIRED											151.00 *
S00002		693			0242						366	C	10.00
S00002	504000			4F	49	94X		94XCJA	** ***	***	366	C	1.00
S00002	504200			4F	49	94X		94XCJA	** ***	***	366	C	1.00
S00002	504200			30	2	63				02	366	C	5,000.00
*TOTAL	S00002	4 COPIES REQUIRED											5,012.00 *
S00003	000097	973			04006000						366	C	10.00
S00003	123456	973			03005109						366	C	10.00
S00003	504200			4F	49	94X		94XCJA	** ***	***	366	C	2.00
*TOTAL	S00003	3 COPIES REQUIRED											22.00 *
S00004	068342	173			180447N7						366	C	10.00
S00004	503000			4F	49	94X		94XCJA	** ***	***	366	C	1.00
S00004	504200			4F	49	94X		94XCJA	** ***	***	366	C	1.00
*TOTAL	S00004	3 COPIES REQUIRED											12.00 *
S00005	504000			4F	49	94X		94XCJA	** ***	***	366	C	1.00
S00005	504200			4F	49	94X		94XCJA	** ***	***	366	C	1.00
*TOTAL	S00005	2 COPIES REQUIRED											2.00 *
S00006	504200			4F	49	94X		94XCJA	** ***	***	366	C	2.00
*TOTAL	S00006	1 COPIES REQUIRED											2.00 *
S00007	503000			4F	49	94X		94XCJA	** ***	***	366	C	11.00
S00007	504200			4F	49	94X		94XCJA	** ***	***	366	C	1.00
*TOTAL	S00007	2 COPIES REQUIRED											12.00 *
S00008	504000			4F	49	94X		94XCJA	** ***	***	366	C	1.00
S00008	504200			4F	49	94X		94XCJA	** ***	***	366	C	11.00
S00008	504200			30	1	78				02	366	C	5,000.00
*TOTAL	S00008	3 COPIES REQUIRED											5,012.00 *
S00009	504000			4F	49	94X		94XCJA	** ***	***	366	C	20.00

PCN SH069-A45

Figure 36-33. Weekly Voucher Copy List.

```

PREPARED 01 SEP 03 15:08          RCS:  HAFACFW7112 EDIT-VALIDATION LIST      AS OF 01 JUL 23   RCS HAF-ACF(W) 7112
      ELMENDORF AFB
ABQA6X CONTROL RECORD = 93 JUL 23932040300132041B W7112  674400  KARA CLEMENS      416-2745
  0      1      2      3      4      5      6      7      8  RCD
  123456789012345678901234567890123456789012345678901234567890  #
      11 063991011609A50420000000500000          S00015  366674400C  1  00001
                                     ***
ERROR MSG - 012 DATE ERROR
      11 0          -  00000500000          366674400C  1  00002
                                     ***
ERROR MSG - 012 DATE ERROR
      11 763991015410A50420000000500000          S00019  366674400C  1  00003
                                     ***
ERROR MSG - 012 DATE ERROR
      11 7          -  00000500000          366674400C  1  00004
                                     ***
ERROR MSG - 012 DATE ERROR
      11 863991015337250420000000500000          S00023  366674400C  1  00005
      *****                                     ***
ERROR MSG - 012 DATE ERROR          006 BPAC NOT IN FILE 6
      11 8          -  00000500000          366674400C  1  00006
      *****                                     ***
ERROR MSG - 012 DATE ERROR
      11 963991015443250420000000500000          S00029  366674400C  1  00007
      *****                                     ***
ERROR MSG - 012 DATE ERROR          006 BPAC NOT IN FILE 6
      11 9          -  00000500000          366674400C  1  00008
      *****                                     ***
ERROR MSG - 012 DATE ERROR
      21 20          50300000000001000          S00001  366674400C  1  00009
      **                                     ***
ERROR MSG - 012 DATE ERROR          022 RECORD NOT FOUND IN FILE 4
                                     ***
                                     END PAGE 1

```

Figure 36-34. RCS HAF-ACF(W)7112 Edit/Validation List.

RCS HAF-ACF(W)7112 EDIT/VALIDATION LIST

1. Content of List. The list identifies the For-Others detail and total transactions.

a. Heading. The computer prints the date prepared, title, as-of-date, and report control symbol on the first heading line. The second heading line has the base name.

b. Control Record. The computer prints the control record that was processed to create this list.

c. Data Element Descriptions.

(1) Eighty-Position Scale. See figures 77-2 and 77-3 respectively for the For-Others Detail Transaction Format and the For-Others Total Transaction Format.

(2) RCD#. Record Number.

2. Data Content. RCS HAF-ACF(W)7112 Report Transactions.

3. Sequence. See section 77.

4. Distribution. The RCS HAF-ACF(W)7112 Edit/Validation List is included in the for-others submission to DFAS-DE (section 77). The Reports and Analysis Division will retain a copy as proof of reporting.

PREPARED 01 SEPTEMBER 28

RCS: HAFACFW8702 EDIT-VALIDATION LIST

AS OF 01 SEPTEMBER 28

RCS-(HAF-ACF) W8702

GUNTER AFB AL

TBQV2T CONTROL RECORD = 912760 W8702 504200

0	1	2	3	4	5	6	7	8	RCD
1234567890123456789012345678901234567890123456789012345678901234567890									#
	30	063	02	503300000000050000		T00001	276504200C	A	00001
	30	063	02	503300000000040000		T00002	276504200C	A	00002
	30	063	02	503300000000010000		T00005	276504200C	A	00003
	30	0		- 00000100000			276504200C	A	00004
	30	963	02	503300000000030000		T00003	276504200C	A	00005
	30	9		- 00000030000			276504200C	A	00006
	30	M63	02	503300000000020000		T00004	276504200C	A	00007
ERROR MSG - 024 MFP.PROJECT									
	30	M		- 00000020000			276504200C	A	00008

Figure 36-35. RCS HAF-ACF(W)8702 Edit/Validation List.

RCS HAF-ACF(W)8702 EDIT/VALIDATION LIST

1. Content of List. The list identifies the Voucherless For-Others detail and total transactions.

a. Heading. The computer prints the date prepared, title, as-of-date, and report control symbol on the first heading line. The second heading line has the base name.

b. Control Record. The computer prints the control record that was processed to create this list.

c. Data Element Descriptions.

(1) Eighty-Position Scale. See figures 77-2 and 77-3 respectively for the For-Others Detail Transaction Format and the For-Others Total Transaction Format.

(2) RCD#. Record Number.

2. Data Content. RCS HAF-ACF(W)8702 Report Transactions.

3. Sequence. MAFR, Appropriation/Fund Code, Voucher Number, BPAC, OAC, MPC, Accountable ADSN, and FMS Line Item.

4. Distribution. Retain the RCS HAF-ACF(W)8702, Edit/Validation List in the Reports and Analysis Division, but do not send it to DFAS-DE.

TITLE: EDIT/VALIDATION LIST

FILE-ID: ABQA3XUNDC10

<u>DESCRIPTION</u>	<u>POSITIONS</u>	<u>SPECIAL INSTRUCTIONS</u>
Control-ID	1-4	*CTL (Constant).
Report-ID	5-9	M7113.
ABQA3DUNDD30 File	10	See notes 1 and 3.
ABQA3CUNDC10 File	11	See note 1.
ABQJ1CUNDC20 File	12	See note 1.
ABQM3TUNDD30 File	13	See note 1.
	14-18	YYDDD.
Report Error File	19	See note 2.
	20-21	Blank.
ADSN	22-27	Enter as applicable.
	28	Blank.
Base Name	29-43	Abbreviate and enter as applicable.
	44-80	Blank.

NOTE 1: Place a "X" in positions 10, 11, 12, and or 13 when the user requires those files to be used in creating the 7113 Report File.

NOTE 2: Place an "1" in position 19 when the user requires a file and list of 7113 edit/balance errors instead of the normal Edit/Validation List. Place a "2" in position 19 when the user requires the Edit/Validation List and no error file. Place a "3" in position 19 when user requires the Edit/Validation List and 7113 Edit/Balance Error List.

NOTE 3: 4J, 5J, 7J, and 67 transactions from system code TT for entry into the 7113 report.

Figure 36-36. Control Record--Edit/Validation List (Monthly).

PREPARED 01 AUG 18 18:31 RCS HAFACFM7113 EDIT/VALIDATION LIST AS OF 01 APR 30 RCS HAF-ACF(M)7113

BARKSDALE AFB

ABQA3X CONTROL RECORD = *CTL M7113XXX931203 667100 BARKSDALE AFB

0	1	2	3	4	5	6	7	8	REC	NUMB
F2F3F4F5G1S2T3T2 OT500T530F310F330F340F350F360F370F390F405042000J151										1
EE										**MANUEL EDIT
ZF05ZG01ZG02ZG03ZG04ZG05ZT04ZT05 5042000J151										2
EE										**MANUEL EDIT
01070109011101160117XF03XF04XF05ZF03ZF045042000J151										3
EE										**MANUEL EDIT
0G400083008600870089009901000102010310104542000J151										4
EE										**MANUEL EDIT
0F520G310G320G330G340G350G360G370G380G395042000J151										5
EE										**MANUEL EDIT
0F410F420F430F450F460F470F480F490F500F515042000J151										6
EE										**MANUEL EDIT
17	0	1105								
17	0	1105			0000000000	00001594517			5042001J151	7
17	9	1105								
17	9	1105			0000000000	00000019062			5042001J151	8
17	M	1105								
17	M	1105			0000000000	00000014832			5042001J151	9
17	0	1106								
17	0	1106			0000000000	00000279804			5042001J151	10

THE FOLLOWING PROGRAM(S) AND VERSION DATE(S) WERE USED IN CREATING THIS REPORT :
NBQA700UABS0- 990309

Figure 36-37. RCS HAF-ACF(M)7113 Edit/Validation List.

RCS HAF-ACF(M) 7113 EDIT/VALIDATION LIST

1. Content of List. The list identifies the RCS HAF-ACF(M) 7113 MAFR Report transactions.

a. Heading. The computer prints the date prepared, title, as-of date, and report control symbol on the first heading line. The second heading line has the base name.

b. Control Record. The computer prints the control record that was processed to create this list.

c. Data Element Descriptions.

(1) Eighty-Position Scale. See figure 78-2 for the Monthly Package Report of Disbursement and Collection Transaction Format.

(2) RCD#. Record Number.

2. Data Element. RCS HAF-ACF(M) 7113 Report Transactions.

3. Sequence. See paragraph 78.7.

4. Distribution. File original list in the Reports and Analysis Division. Dispose of transactions as prescribed in paragraph 78.7.

PREPARED 01 SEP 24 20:03

RCS: HAFACFM7113 EDIT/BALANCE ERROR LIST

AS OF 01 AUG 31

RCS HAF-ACF(M)7113

TEST COLUMBUS

ABQA3X CONTROL RECORD = *CTL M7113XXX932433 674400 TEST COLUMBUS

0	1	2	3	4	5	6	7	8	RCD	
12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678	90123456789	01234567890	1234567890 #

G040G041G042X0I2X0I3X0I4Z0J1Z0J2 5957000J243 00001

ERROR MSG - 030 MANUAL EDIT 008 ADSN INVALID OR MISSING
 F041G031G032G033G034G035G036G037G038G0395957000J243 00002

ERROR MSG - 030 MANUAL EDIT 008 ADSN INVALID OR MISSING
 H3I1I2I3I4J1 011401460149018101820190019601970203E0335957000J243 00003

ERROR MSG - 030 MANUAL EDIT 008 ADSN INVALID OR MISSING
 17 3 1105 0000000000 00000037100 5957001J243 00004

ERROR MSG - 008 ADSN INVALID OR MISSING
 17 3 1106 0000000000 00000038100 5957001J243 00005

ERROR MSG - 008 ADSN INVALID OR MISSING
 17 3 1453 0000000000 00000330597 5957001J243 00006

ERROR MSG - 008 ADSN INVALID OR MISSING
 21 3 2010 0000000000 00000623081 5957001J243 00007

ERROR MSG - 008 ADSN INVALID OR MISSING
 21 3 2020 0000000000 00000427795 5957001J243 00008

ERROR MSG - 008 ADSN INVALID OR MISSING
 21 3 2060 0000000000 00000555135 5957001J243 00009

ERROR MSG - 008 ADSN INVALID OR MISSING
 21 3 2070 0000000000 00000050000 5957001J243 00010

ERROR MSG - 008 ADSN INVALID OR MISSING
 21 3 2080 0000000000 00000063400 5957001J243 00011

Figure 36-38. RCS HAF-ACF(M)7113 Edit/Balance Error List.

PREPARED 01 SEP 24 20:03

RCS: HAFACFM7113 EDIT/BALANCE ERROR LIST AS OF 01 AUG 31 RCS HAF-ACF(M)7113

TEST COLUMBUS

ABQA3X CONTROL RECORD = *CTL M7113XXX932433 674400 TEST COLUMBUS

0	1	2	3	4	5	6	7	8	RCD	
12345678901234567890123456789012345678901234567890123456789012345678901234567890										#
G040G041G042X0I2X0I3X0I4Z0J1Z0J2									5957000J243 00001	
ERROR MSG - 008 ADSN INVALID OR MISSING										
24	X	81358001		00011272336	00000000000				5957001J243 00012	

ERROR MSG - 008 ADSN INVALID OR MISSING										
24	X	81358002		00011436085	00000000000				5957001J243 00013	

ERROR MSG - 008 ADSN INVALID OR MISSING										
24	X	81358003		00002815764	00000000000				5957001J243 00014	

ERROR MSG - 008 ADSN INVALID OR MISSING										
24	X	81358004		00031435208	00000000000				5957001J243 00015	

PAGE 1

SELECT/EXTRACT CRITERIA UPDATE TRANSACTION
(PROCESS-ID T4)

<u>POSITION</u>	<u>DESCRIPTION</u>
1	A = Add Transactions D = Delete Transactions.
2-3	08.
4-8	Hash Total.
9-13	Sequence Number.
14-18	Date.
19-20	Process-ID T4.
21-22	Fund Code (data required).
23	Fund Type (data required).
24-25	OAC. See note 1.
26-31	Program Element. See note 1.
32-37	RC/CC. See note 1.
38-39	DoD Functional Category Code. See note 1.
40-50	Blank.
51	R = Rule or N = Note. See notes 2 and 7.
52-54	3-digit alphanumeric entry.
55-60	Program Element. See notes 3 and 7.
61-66	EEIC/MPC/BAAN. See notes 5 and 6.
67-72	Prior Year Cost Center (PYCC). See notes 3, 4, 7, and 8.
73-74	DoD Functional Category Code. See notes 3 and 7.
75-80	Blank.

Figure 36-39. MART Select/Extract Criteria File 8 (Program NBQT45, Option 02).

NOTE 1: A backslash in positions 24-25, 26-31, 32-37, and or 38-39 acts as a wild card, and will be equal to any value in that specific position. If a backslash is required in the OAC field, both positions (24-25) must have a backslash.

NOTE 2: Enter "R" for Rule or "N" for Note.

NOTE 3: A "Z" is entered in each position of the PEC, PYCC, and or DoD Functional Category Code fields when data is to be placed into those fields from the record being read.

NOTE 4: A "\$" sign is entered in the last two positions of PYCC field (positions 71-72) when the values in the first two positions of the RC/CC field in the record being read are to be placed in the last two positions of the PYCC field (35-36).

NOTE 5: When a "/" is encountered in the file 8 record in positions 61-66, move the "/" to the same relative positions in the EEIC field (66-71) of the Table B record being created.

NOTE 6: When a "?" is encountered in the file 8 record in positions 61-66, convert the "?" to an "*" and place the "*" in the same relative positions in the EEIC field (66-71) of the Table B record being created.

NOTE 7: When characters other than Z, /, ?, and \$ are entered in the change side of the file 8 record, move that data to the same relative positions in the Table B record being created.

NOTE 8: When an "X" is encountered in the file 8 record in positions 71-72, move the value of the MFP/BA into the same relative positions in the RC/CC field (76-77) of the Table-B record being created.

NOTE 9: If a blank is encountered by the program, the program will default to treating the blank as a "Z", and move the existing data into the output field or positions.

SELECT/EXTRACT CRITERIA UPDATE TRANSACTION
(PROCESS-ID T6)

<u>POSITION</u>	<u>DESCRIPTION</u>
1	A = Add Transactions D = Delete Transactions.
2-3	08.
4-8	Hash Total.
9-13	Sequence Number.
14-18	Date.
19-20	Process-ID T6.
21-22	Fund Code.
23	Fund Type. See note 15.
24-25	OAC. See note 15.
26-50	Blank.
Indicators:	
51	Create Document Labels. See note 1.
52	C = Create CSR/FSR/PSR, F = Create FSR/PSR only.
53	Invoke Split Record Logic. See note 2.
54	Transfer Records to Closed Account. See note 3.
55	Delete BA at CSR/FSR. See note 2.
56	Delete Project/sub at CSR/FSR. See note 2.
57	Invoke Advance (991X) and Progress (994X) payment record logic for MPC field. See note 2.

Figure 36-40. MART Select/Extract Criteria File 8 (Programs NBQT60 and NBQX80).

** See notes 3-11 below for the coding requirements for record positions 58-73.

<u>POSITION</u>	<u>DESCRIPTION</u>
58	Annual Allotment Authority (Bal-ID B).
59	Annual O&M Authority (Bal-ID G).
60	Quarterly Allotment Authority (Bal-ID A).
61	Quarterly O&M Authority (Bal-ID H).
62	Annual Program Authorizations (Bal-ID K).
63	Inititiations (Bal-ID I).
64	Commitments (Bal-ID C).
65	Undelivered Orders Outstanding (Bal-ID O).
66	Accrued Expenditures Unpaid (Bal-ID U).
67	All Accrued Expenditures Paid (Bal-ID E).
68	AEP - Other than Summary Records (Func Cat = 99).
69	Anticipated Reimbursements (Bal-ID J).
70	Quarterly Anticipated Reimbursements (Bal-ID W).
71	Unfilled Customer Orders (Bal-ID D).
72	Filled Customer Orders (Bal-ID F).
73	Filled Customer Orders Collected (Bal-ID R).
74	Delete records with EEIC 398/399. See note 2.
75	Create Summary PSRs (6XX) for Prior Year/Current OBY. See note 2.

Figure 36-40. MART Select/Extract Criteria File 8 (Programs NBQT60 and NBQX80). (Cont'd)

<u>POSITION</u>	<u>DESCRIPTION</u>
76	Invoke Advance (991X) and Progress (994X) payment record logic against RC/CC field. See note 2.
77	O-1 Line Item Indicator. See note 12.
78	MWR/BCE Indicator. See note 14.
79-80	Blank.

NOTE 1: Y = Create Labels. Blank = Do not create labels.

NOTE 2: Y = Perform the function. Blank = Do not perform the function. Split year logic does not apply to records being transferred to fund types "X" and "Z".

NOTE 3: Enter year to transfer. Blank = Do not transfer.

NOTE 4: Delete indicated balance from current fiscal year when a "C" is present.

NOTE 5: Delete indicated balance from first prior fiscal year when a "1" is present.

NOTE 6: Delete indicated balance from second prior fiscal year when a "2" is present.

NOTE 7: Delete indicated balance from third prior fiscal year when a "3" is present.

NOTE 8: Delete indicated balance from fourth prior fiscal year when a "4" is present.

NOTE 9: Delete indicated balance from fifth prior fiscal year when a "5" is present.

NOTE 10: Delete indicated balance from all prior years when a "P" is present.

NOTE 11: Delete indicated balance from records with a blank FY when an "N" is present.

Figure 36-40. MART Select/Extract Criteria File 8 (Programs NBQT60 and NBQX80). (Cont'd)

NOTE 12: A "Y" in position 77 indicates all years for this fund code is associated with O-1 line-item logic. A numeric value entered in position 77 indicates the year in which the fund code came under the O-1 line item structure.

NOTE 13: Delete indicated Bal-ID from the PSR/DSR records for all years when an "A" is present.

NOTE 14: The presence of a "M" will convert BCE/MWR RC/CCs to the appropriate PYCC for fund type A/B/J records. The presence of a "B" will only convert BCE RC/CCs to the appropriate PYCC for fund types A/B/J records.

NOTE 15: A "\" in positions 23 and or 24-25 is used to indicate any value can be selected.

NOTE 16: Position 51 of the record relates to program NBQX80.
Position 52 of the record relates to program NBQT45.
Positions 53-78 of the record relates to program NBQT60.

SELECT/EXTRACT CRITERIA UPDATE TRANSACTION
(PROCESS-ID T7)

<u>POSITIONS</u>	<u>DESCRIPTION</u>
1	A = Add Transactions. D = Delete Transactions.
2-3	08.
4-8	Hash Total.
9-13	Sequence Number.
14-18	Date.
19-20	Process-ID T7.
21-22	Fund Code.
23	Fund Type.
24-50	Blank.
Indicators:	
51	AFO-ID (Select Side).
52	Fund Type (Select Side).
53	Fund Code (Select Side).
54	OAC (Select Side).
55	OBAN (Select Side).
56	Program Element (Select Side).
57	RC/CC (Select Side).
58	Sequence Number.
59	MFP/BA (Blank).
60	Program Element (Change Side).
61	EEIC/MPC/BAAN (Change Side).
62	PYCC (Change Side).

Figure 36-41. MART Select/Extract Criteria File 8 (Program NBQT70).

<u>POSITIONS</u>	<u>DESCRIPTION</u>
63	DoD Functional Category Code (Change Side).
64	Table Function (Always equal to C).
65-80	Blank.

Definitions for Indicators used in positions 51-64.

1. Indicator "P" is used when a specific data field must be other than blank.
2. Indicator "O" is used to indicate that the data field is authorized to have data present, but is not mandatory.
3. Indicator "N" is used when an entire field must have numeric values.
4. Spaces are used when the data field is required to be blank.
5. Indicator "A" is used when a specific data field must be alpha.

SELECT/EXTRACT CRITERIA UPDATE TRANSACTION
(PROCESS-ID 40)

<u>POSITIONS</u>	<u>DESCRIPTION</u>
1	A = Add Transactions. D = Delete Transactions.
2-3	08.
4-8	Hash Total.
9-13	Sequence Number
14-18	Date.
19-20	Process-ID 40.
21	Blank.
22-23	Fund Code.
24	FY.
25-50	Blank.

Indicators:

51	Reporting Indicator "C" or "M".
52-80	Blank.

Definition for indicators used in position 51.

1. Indicator "C" causes the DBT data to be reported to both DFAS-ID and DFAS-DE/MAJCOMs.
2. Indicator "M" causes the DBT data to be reported only to DFAS-IN.

Figure 36-42. MART Select/Extract Criteria File.