

SECTION 79. RETURN ADVICE CODE PROCESS

79.1 General. The SARSS Master Control System (SMCS) initiates the Return Advice Code Process which runs in the batch mode. The Return Advice Code Process sends customer turn-ins (D6As) with previously assigned Return Advice Codes 1F, 1N, 1P, 1R, 1S, 1T, 1U, 1X, or 1Y to the manager for approval. The process assigns a Return Advice Code from the RIC-ALL Unit Unique Record to D6A transactions that do not have the codes above, D6K and D6S retrograde transactions, or A5_ and A6_ retrograde release or denial transactions based on the Condition Code, various Catalog Codes, and the net asset position. This lets finance give credit based on the assigned code and the code tables.

79.2 Interfaces. This process has external and internal interfaces.

- a. The process interfaces externally with SARSS2A, SARSS1, and SARSS2B activities.
- b. The process interfaces internally with the following:

- (1) Catalog Master File. The process reads this file by input NIIN to ensure that a matching Catalog Record exists. The process uses various codes and information from this file to process transactions in the Return Advice Code Process.

- (2) Stock Number Relationship File (SNRF). The process reads this file to identify prime and substitute stock numbers.

- (3) Availability Balance File (ABF). The process reads this file for all stock numbers in a stock number group that can substitute for the prime number. It then calculates the net asset position for all RICs belonging to the same geographical area (RIC-GEO), or for all RICs belonging to the same corps (RIC-ALL) minus the transaction RIC. It also uses this to assign Manager Codes.

- (4) Manager Review File (MRF). The process writes transactions that have errored out with Reason Referred Code 01, 07, 15, 16, 24, 60, or 85 to this file.

- (5) Parameter Files. The process reads the following Parameter Files to obtain necessary information and codes in order to process and route transactions during this process:

- (a) SARSS2A Unit Unique. The process maintains RIC-SPT-2A, RIC-SPT-2B, MGR-CD-CAT, MGR-CD-PARAM, Dollar Threshold value, and MGR-CD-DOD parameters on this file. The Return Advice Code Process uses these values to determine if assets will be computed above the RIC-GEO level by the RIC-ALL, route transactions, and assign Manager Codes.

- (b) RIC-ALL Unit Unique. The Return Advice Code Process assigns a Return Advice Code to the input transaction from this file based on the Condition Code, various Catalog Codes, and the net asset position.

- (c) Manager Code by MATCAT. This file contains Manager Codes by MATCAT. The process uses it to assign a Manager Code when writing the transaction to the MRF.

- (d) Manager Code by SOS RIC. This file contains Manager Codes by source of supply. The process uses it to assign a Manager Code when it writes the transaction to the MRF.

(e) Unit of Issue Conversion Table. The process uses this file to convert the quantity when the unit of issue changes from old to new.

(f) Stock Number Table. The process uses this file to determine if the transaction NIIN is for a reparable exchange item. The Return Advice Code Process reads this file when assigning a Return Advice Code. If it finds a SNRF relationship, the process loads only the prime NIIN to the file. The process uses the REP-RIC and MAINT-IND to assign a RAC. It also looks at the REP-RIC to determine if the shipping SARSS1 is the repair activity. If the shipping SARSS1 RIC is the same as the REP-RIC, the system does not assign a RAC.

(g) YBP Table. This table is used to compute the net asset position for serviceable and Condition Code F items.

(h) Wholesale SOS RIC to Manager Code Table. This table contains Manager Codes by SOS. The process uses it to assign Manager Codes when it writes the transaction to the MRF.

(6) DODAAF. The process reads this file for a matching DODAAC and Type Unit Code. It reads the DODAAF for all SARSS1 records having the same RIC-GEO or RIC-ALL as the receiving SARSS1 activity to determine all RICs belonging to the same RIC-GEO or RIC-ALL for net asset computations.

(7) Print Error File. When certain errors exist, the system writes the transactions to this file with Reason Referred Codes AH, 25, 41, or 42.

(8) Transaction-In File. This file contains input transactions from SARSS1 and subordinate SARSS2A activities awaiting processing during the Return Advice Code Process. After processing, the system writes transactions routed to SARSS2B to this file.

(9) Local Substitute NIIN File (YBH File). The process reads this file to determine if there is a change to the stock number relationship. If there is a change, any additional NIINs belonging to the relationship will be included in the net asset position.

(10) Regional Repair Activity File. The process reads this file to determine if the NIIN is for a regional repair item (type R) and will assign a RAC based on the RIC-ALL Unit Unique File. (future use).

79.3 Process Overview. The Return Advice Code Process is a batch process initiated by the SMCS.

a. The process edits the transaction to verify data.

b. After the transactions pass the edits, this process:

(1) Sends customer turn-ins, with previously assigned Return Advice Codes, to the manager for approval.

(2) The process uses the DOLLAR_THRESHOLD value on the SARSS2AC Unit Unique to determine at what level the net asset and retention quantities will be computed.

(a) If the unit price of the item on the input transaction is greater than this value, the computation is based on all SARSS1 activities with the same RIC-ALL as the receiving SARSS1.

(b) If the unit price of the item on the input transaction is less than or equal to this value, the computation will be based on all SARSS1 activities with the same RIC-GEO as the receiving SARSS1.

(3) Assigns a Return Advice Code to input transactions.

(4) Sends an image of the transactions not sent to the Error Report or MRF to SARSS2B for document history. If the D6A transaction NIIN is for a reparable item and is from a directly supported SARSS1, an image also goes to the Repairable Process.

c. Finance gives credit based on the Return Advice Code and various Finance Code Tables.

79.4 Input. Input to the Return Advice Code Process includes customer turn-ins (D6A), retrograde receipts (D6K and D6S with f or g in RP 72), and retrograde releases/denials (A5_ and A6_ with E in RP 73) coming from SARSS1 or a supported SARSS2A. These transactions process through the Transactions-In Process and go to the Return Advice Code Queue.

79.5 Type Processing. The Return Advice Code Process is a batch process initiated by the SMCS. It requires no operator intervention.

79.6 Edits. The process reads input transactions and edits them to identify or assign required Return Advice Codes.

a. The process performs edits on the input transactions to verify that the DIC is D6A, D6K or D6S with f or g in RP 72, or A5_ or A6_ with E in RP 73. If not, the process writes the transaction to the Print Error File with Reason Referred (REA-REF) Code 25.

b. The process uses the DOLLAR-THRESHOLD value on the SARSS2AC Unit Unique Record to determine at what level net asset and retention quantities will be computed.

(1) If the unit price of the item on the input transaction is greater than this value, the process will base computation on all SARSS1 activities with the same RIC-ALL as the receiving SARSS1.

(2) If the unit price of the item on the input transaction is less than or equal to this value, the process will base computation on all SARSS1 activities with the same RIC-GEO as the receiving SARSS1.

c. The quantity must exceed zero. If it does not, the process writes the transaction to the MRF with the RIC-GEO and REA-REF Code 15.

d. The process edits the DODAAC based on the following:

(1) The process reads the DODAAF checking all SARSS1 RIC-GEOs and RIC-ALLs to verify that there is a RIC-GEO and RIC-ALL table built for each one. If not, the process writes a message to the SMCS and puts the input queue on hold.

(2) The process edits the D6A DODAAC in RP 30-35 to verify a match on the DODAAF. If there is no match, the process writes the D6A to the MRF with the RIC from the SARSS2A Unit Unique and REA-REF Code 07. The Type Unit Code must be K through U or Y (customer). If it is not, the process writes the D6A to the MRF with the RIC from the SARSS2A Unit Unique and REA-REF Code 24. The process also edits the D6A DODAAC in RP 45-50 for a match. If there is no match, or the Type Unit Code is not 1 through 7 or Z (SARSS1), the process writes the D6A to the MRF with the RIC from the SARSS2A Unit Unique and REA-REF Code 24. If it passes all these edits, the process retains the RIC-GEO, RIC-ALL, and RIC-STOR-SITE for the receiving SARSS1 in order to continue processing.

(3) The process edits the RIC in RP 4-6 (shipping RIC) for other transactions (D6S, D6K, A5_, or A6_) to verify that there is a match on the DODAAF and the Type Unit Code is 1 through 7 or Z. If it is not, the process writes the transaction to the MRF with the RIC from the SARSS2A Unit Unique and REA-REF Code 60.

(4) The process reads the Catalog File to verify a match for the input NIIN and to determine the unit price of the item. If there is no match, the process writes the transaction to the MRF with REA-REF Code 01. When the process finds a match, it edits the unit of issue (UI). If the input UI does not match the catalog UI, the process tries to convert it to the correct UI and quantity. If it cannot, the process writes the transaction to the MRF with REA-REF Code 16, or to the Error Listing with REA-REF Code 41 or 42.

(5) The RAC Process reads the YBP File for a matching record of the input transaction. If it finds a matching record, the process uses it in the asset position calculation. If it cannot find a matching record, the process writes an image of the input transaction to the Error Listing with REA-REF Code AH.

e. After the transaction passes the edits, the process assigns a Return Advice Code from the RIC-ALL Unit Unique Record (ajuprall) as follows:

(1) If the appropriation and budget activity account (ABA) indicator on the catalog is other than 2, the process assigns a Return Advice Code from the NONSF parameter (input NIIN is for an item that is not stock funded).

(2) If the ABA indicator on the catalog is 2 and the Condition Code is H or S, the process assigns a Return Advice Code from the COND-CD-HS parameter (Condition Code of the input transaction is H or S [scrap]).

(3) If the ABA indicator on the catalog is 2 and the Condition Code is other than A, B, C, H, or S and the Maintenance Repair Code (MRC) is other than D, F, H, L, or O, the process assigns a Return Advice Code from the NONSVC-NONREP parameter (transaction NIIN is for an item that is neither serviceable nor coded as repairable).

(4) If the ABA indicator on the catalog is 2 and the item is serviceable (Condition Code A, B, or C) but the NIIN is not a prime NIIN and does not substitute for a prime NIIN, the process assigns a

Return Advice Code from the NIIN-SVC-NONSUB parameter (transaction NIIN is for a serviceable item but is neither the prime NIIN nor a substitute for the prime NIIN).

(5) If the ABA indicator on the catalog is 2 and the item is unserviceable (Condition Code other than A, B, C, H, or S) but the NIIN is not a prime NIIN and does not substitute for a prime NIIN, the process assigns a Return Advice Code from the NIIN-USVC-NONSUB parameter (transaction NIIN is for an unserviceable item but is not the prime NIIN nor a substitute for the prime NIIN).

(6) If the ABA indicator on the catalog is 2 and the asset position is above the retention level and the Condition Code is A, B, or C, or the Condition Code is other than A, B, C, H, or S and the MRC is D, F, H, L, or O and the NIIN is a prime NIIN or a substitute for a prime NIIN, the process assigns a Return Advice Code from the RIC-ALL Unique Record as follows:

NOTE: The net asset position is the balance on hand with a Freeze Flag other than 2, plus due-ins, minus due-outs for items with Condition Code A, B, or C, or items with Condition Code F and MRC D, F, H, L, or O that are on the Stock Number Table. When calculating the net asset position, the process does not consider assets with Project Code ORF. The process considers on-hand assets with Condition Code F in the net asset position only if the SARSS1 does not interface with wholesale.

(a) If the item is an issuable, serviceable, automatic return item (ARI), the process assigns a Return Advice Code from the ARIRQMT-SVC-ABOVE parameter (an ARI that is serviceable with a net asset position above the requirement).

(b) If the item is an issuable or reparable, unserviceable, ARI, the process assigns a Return Advice Code from the ARIRQMT-USVC-ABOVE parameter (an ARI that is unserviceable with a net asset position above the requirement).

(c) If the transaction NIIN is not for an ARI but the NIIN or prime NIIN is on the Stock Number Repairable Exchange (RX) List and the item is serviceable, the process assigns a Return Advice Code from the RXRQMT-SVC-ABOVE parameter (RX item that is serviceable with a net asset position above the requirement).

(d) If the transaction NIIN is not for an ARI but the NIIN or prime NIIN is on the Stock Number RX List and the item is unserviceable, the process assigns a Return Advice Code from the RXRQMT-USVC-ABOVE parameter (RX item that is unserviceable with a net asset position above the requirement).

(e) If the transaction NIIN is not for an ARI and the NIIN or prime NIIN is not on the Stock Number RX List but the Phrase Code is L, N, or T and the item for the transaction NIIN is unserviceable, the process assigns a Return Advice Code from the PC-OBSOLETE-ABOVE parameter ([Phrase Code] indicates obsolete, unserviceable item with a net asset position above the retention level).

(f) If the transaction NIIN is not for an ARI and the NIIN or prime NIIN is not on the Stock Number RX List but the Phrase Code is L, N, or T and the item for the transaction NIIN is serviceable, the process assigns a Return Advice Code from the PC-OBS-ABC-ABOVE parameter (PC indicates obsolete, serviceable item with a net asset position above the retention level).

(g) If the transaction NIIN is not for an ARI and the NIIN or prime NIIN is not on the Stock Number RX List and the Phrase Code is not L, N, or T and the AAC is T, V, or Y and the item for the

transaction NIIN is unserviceable, the process assigns a Return Advice Code from the AAC-OBS-UNSV-C-ABOVE parameter (AAC indicates obsolete, unserviceable item with a net asset position above the retention level).

(h) If the transaction NIIN is not for an ARI and the NIIN or prime NIIN is not on the Stock Number RX List and the Phrase Code is not L, N, or T and the AAC is T, V, or Y and the item for the transaction NIIN is serviceable, the process assigns a Return Advice Code from the AAC-OBS-SVC-ABOVE parameter (AAC indicates obsolete, serviceable item with a net asset position above the retention level).

(i) If the transaction NIIN is not for an ARI and the NIIN or prime NIIN is not on the Stock Number RX List and the Phrase Code is not L, N, or T and the AAC is not T, V, or Y and the item is unserviceable, the process assigns a Return Advice Code from the RQMT-UNSV-C-ABOVE parameter (unserviceable item with net assets above the retention level).

(j) If the transaction NIIN is not for an ARI and the NIIN or prime NIIN is not on the Stock Number RX List and the Phrase Code is not L, N, or T and the AAC is not T, V, or Y and the item is serviceable, the process assigns a Return Advice Code from the RQMT-SVC-ABOVE parameter (serviceable item with net assets above the retention level).

(7) If the ABA indicator on the catalog is 2 and the asset position is not above the retention level and the Condition Code is A, B, or C, or the Condition Code is other than A, B, C, H, or S and the MRC is D, F, H, L or O and the NIIN is a prime NIIN or a substitute for a prime NIIN, the process assigns a Return Advice Code from the RIC-ALL Unit Unique Record as follows:

(a) If the transaction NIIN or prime NIIN is on the Stock Number RX List and the item is serviceable, the process assigns a Return Advice Code from the RXISS-SVC-ASSET parameter (RX, issuable, unserviceable item with net assets below the retention level).

(b) If the transaction NIIN or prime NIIN is on the Stock Number RX List and the item is unserviceable, the process assigns a Return Advice Code from the RXISS-USVC-ASSET parameter (RX, issuable, unserviceable item with net assets below the retention level).

(c) If the transaction NIIN or prime NIIN is not on the Stock Number RX List but the item is an issuable, serviceable, automatic return item (ARI), the process assigns a Return Advice Code from the ARIISS-SVC-ASSET parameter (automatic return, issuable, serviceable item with net assets below the retention level).

(d) If the transaction NIIN or prime NIIN is not on the Stock Number RX List and the item is an issuable, repairable, or unserviceable ARI, the process assigns a Return Advice Code from the ARIISS-USVC-ASSET parameter (automatic return, issuable, unserviceable item with a net asset position below the retention level).

(e) If the transaction NIIN or prime NIIN is not on the Stock Number RX List and the item is not an ARI but the Phrase Code is L, N, or T and the item for the stock number is unserviceable, the process assigns a Return Advice Code from the PC-OBS-USVC-ASSET parameter (PC indicates obsolete item that is unserviceable with a net asset position below the retention level).

(f) If the transaction NIIN or prime NIIN is not on the Stock Number RX List and the item is not an ARI but the Phrase Code is L, N, or T and the item for the stock number is serviceable, the process assigns a Return Advice Code from the PC-OBS-SVC-ASSET parameter (PC indicates obsolete item that is serviceable with a net asset position below the retention level).

(g) If the transaction NIIN or prime NIIN is not on the Stock Number RX List and the item is not an ARI and the Phrase Code is other than L, N, or T and the AAC is T, V, or Y and the item for the stock number is unserviceable, the process assigns a Return Advice Code from the AAC-OBS-USVC-ASSET parameter (AAC indicates obsolete, unserviceable item with net assets below the retention level).

(h) If the transaction NIIN or prime NIIN is not on the Stock Number RX List and the item is not an ARI and the Phrase Code is other than L, N, or T and the AAC is T, V, or Y and the item for the stock number is serviceable, the process assigns a Return Advice Code from the AAC-OBS-SVC-ASSET parameter (AAC indicates obsolete, serviceable item with net assets below the retention level).

(i) If the transaction NIIN or prime NIIN is not on the Stock Number RX List and the item is not an ARI and the Phrase Code is other than L, N, or T and the AAC is other than T, V, or Y and the item for the stock number is serviceable, the process assigns a Return Advice Code from the ISS-SVC-ASSET parameter (issuable, serviceable item with a net asset position below the retention level).

(j) If the transaction NIIN or prime NIIN is not on the Stock Number RX List and the item is not an ARI and the Phrase Code is other than L, N, or T and the AAC is other than T, V, or Y and the item is an unserviceable, issuable, or reparable item, the process assigns a Return Advice Code from the ISS-USVC-ASSET parameter (issuable, unserviceable item with a net asset position below the retention level).

(8) If the Recoverability Code for the transaction NIIN is D, F, H, or L, the RIC is a SARSS1 RIC, and the NIIN is a prime or a substitute then the Regional Repair Activity Table (ajurra) is read by prime NIIN. If the NIIN is found with RRA TYP-IND R and the REP-RIC is not the shipping RIC on the RRA Table, then the process assigns a RAC to the transaction from the receiving SARSS1 RIC-ALL Unit Unique (ajupricall) RRA-ASSET File.

79.7 Processing. The SMCS initiates the Return Advice Code Process. You cannot access it.

7.8 Output. Output from this process goes to the Print Error File, Manager Review File, or Transaction-Out File.

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