

SECTION 19. REPARABLE MANAGEMENT PROCESS

19.1 General. Reparable Management consists of the following processes:

- a. **Reparable Management Batch Process:** This process matches turn-ins with issues and issues with turn-ins of reparable items. These items have Recoverability Code D, F, H, or L.
- b. **Interactive Reparable Management Purge/Review Process:** This process allows the manager to review, purge, or print reparable records.
- c. **Overaged Reparable Process:** This process creates a listing of issues or turn-ins for which the offsetting transactions (issues or turn-ins) have not been entered within the parameter-set number of days.

19.2 Interfaces. The Reparable Management Batch Process has external and internal interfaces.

- a. The Reparable Management Batch Process receives external input from supported SARSS1 activities.
- b. The Reparable Management Batch Process, the Interactive Reparable Management Purge/Review, and the Overaged Reparable processes have internal interfaces.
 - (1) The Reparable Management Batch Process interfaces internally with the following:
 - (a) **Department of Defense Activity Address File (DODAAF).** The process reads this file to edit customer and SARSS1 Department of Defense Activity Address Codes (DODAACs), Type Unit Codes, RIC-GEO, and the RIC-ILAP.
 - (b) **Catalog Master File (CMF).** The process reads this file by input national item identification number (NIIN) for a Recoverability Code, unit of issue (UI), and UI conversion factor to ensure that a matching Catalog Record exists. It uses the codes and information from this file to process the input transactions.
 - (c) **Stock Number Relationship File (SNRF).** The process reads this file to identify prime and substitute stock numbers.
 - (d) **Print Queue.** This queue receives and holds records for the Reparable Items Matched Listing and the Error Listing.
 - (e) **SARSS2A Unit Unique Parameter File.** The process reads this file to determine the RIC-SPT-2A, routing information, and Manager Codes.
 - (f) **Custodial Availability Balance File (ABF).** The process reads this file when assigning a Manager Code.
 - (g) **Reparable Input File.** The system processes transactions from this file and writes them to the Reparable Control File or Reparable Items Matched Listing to control the issue and turn-in of reparable items.

(h) **Reparable Control File.** The process writes input transactions to this file when no matching issue or turn-in record exists on this file.

(i) **Reparable Items Matched Listing.** The process writes input transactions and the matching record to this listing when it finds a match on the Reparable File or when the MGT-CD indicates there will be no matching record.

(j) **Error Listing.** The system writes transactions to this listing when certain error conditions exist.

(k) **Local Substitute NIIN (YBH) Table.** The process reads this table to determine if there is a change to the stock number relationship. If there is a change, any additional NIINs will be considered in the stock number relationship when looking for a match on the Reparable Control File.

(l) **UI Conversion Code Table.** The process checks this table when the UI on the input transaction and the CMF record differ.

(2) **The Interactive Reparable Management Purge/Review Process** interfaces internally with the following:

(a) **User Access Parameter File.** The process reads this file to determine the RIC-GEO so that the user can access only those records with a RIC-STOR-SITE in this geographical area.

(b) **DODAAF.** The process reads this file to determine all SARSS1 RIC-STOR-SITEs with the same RIC-GEO as the users' sign-on password RIC-GEO and to determine the RIC-ILAP.

(c) **Reparable Control File.** This file contains issue and turn-in transactions without offsetting issue or turn-in transactions that the Reparable Management Batch Process writes to this file. The system reads records from this file to match information entered during the Interactive Reparable Management Purge/Review Process.

(d) **Print Queue.** This queue receives records purged for the Reparable Items Matched Listing.

(e) **Reparable Items Matched Listing.** The system writes purged transactions from the Print Queue to this listing.

(3) **The Overaged Reparable Process** interfaces internally with the following:

(a) **Reparable Control File.** This file contains issue and turn-in transactions for which offsetting transactions (issue or turn-in) have not processed in the Reparable Management Batch Process. The process reads the DTE-EFF on this file to determine if the Reparable Control File Record is overaged.

(b) **Parameter File.** The system uses the SARSS2A Unit Unique Record from this file to determine automated age follow-up information and Manager Codes.

(c) **Print Queue.** The system writes the Overaged Reparable Items Listing to this queue.

(d) DODAAF. The system checks this file for a DODAAC Record that matches the RIC-STOR-SITE on the input transaction. It also reads this file to obtain the Type Unit Code and RIC-GEO from the DODAAC Record.

19.3 Process Overview.

a. **Reparable Management Batch Process:** The Reparable Management Batch Process lets managers monitor customer turn-ins and issues for items with Recoverability Code D, F, H, and L.

D = Disposal authorized at wholesale. When the item cannot be repaired at a level below depot, request disposition from wholesale.

F = Disposal authorized at the direct support level.

H = Disposal authorized at the general support level.

L = Disposal authorized at wholesale or the wholesale-approved special repair activity level.

(1) Directly supported SARSS1 activities send issue (Document Identifier Code [DIC] A5_), denial (DIC A6_), and receipts from turn-in (DIC D6A), wholesale (DIC D6S), referral (DIC D6K), or local purchase (DIC D4S) transactions to the SARSS2AC for processing.

(2) DIC D6A transactions initially go to the Return Advice Code (RAC) Process. The RAC Process sent the transaction to Transaction-In for this process because the RIC-SPT-2A for the DODAAC in RP 45-50 is this SARSS2AC.

(3) If the input transaction is a D6A, this process looks for an A5_ on the Reparable Control File with the same document number. If there is no A5_, it looks for a DIC DRA, DRB, D6S, D6K, or D4S with the same document number. If no match is found, the process checks for an A5_ for the same DODAAC and stock number. If no record is found with the same DODAAC and stock number, it checks for a DIC DRA, DRB, D6S, D6K, or D4S with the same DODAAC and stock number. If these checks fail to find a matching record, the process looks for a related stock number to the D6A NIIN on the SNRF and YBH Table. If found, the process checks for an A5_ on the Reparable Control File with the DODAAC and the selected related NIIN. If a matching A5_, DRA, DRB, D6S, D6K, or D4S is found for the D6A document number or DODAAC and NIIN or DODAAC and related SN, the process generates and sends a record to the Print File for the quantity that matches. The A5_ or D6A are deleted if the quantity on the transaction is matched. If the total quantity is satisfied for both transactions (A5_ and D6A), both transactions are deleted. Anytime a quantity is matched, whether in part or totally, the transactions are written to the Reparable Items Matched File and to the ILAP Reparable Items Matches File except when the RIC ILAP on the RIC-STOR-SITE DODAAC record is blank and the RIC ILAP for the DODAAC in RP 30-35 is blank.

(4) If the input transaction is a DRA, DRB, D6S, D6K, or D4S, this process looks for an A6_ with the same document number as the input transaction. If an A6_ is not found or the total quantity on the input transaction is not the same as the A6_, the process looks for a D6A with the same document number. It next looks for an A6_ with the same DODAAC and stock number as the input transaction and, finally, for a D6A with the same DODAAC and stock number. This process also looks for a substitute stock number as covered in paragraph 19.3a(3).

(5) As part of the editing, the process looks at the Management Code in RP 72. Certain Management Codes relay the information that the customer either is not making a turn-in for an item issued to them or is not requesting the issue of an item for an item turned in. Management Codes are also used to relay the information that there will be a delay in turning in the item.

(a) The process writes a DIC D6A with Management Code e (turn-in as a result of a decrease in stockage levels) to the Repairable Items Matched List and, if appropriate, to the ILAP Repairable Item Matched List.

(b) The process writes a DIC D6_, D4S, or A5_ with Management Code a (no turn-in, increase in stockage levels) or b (no turn-in; item lost) to the Repairable Items Matched List and, if appropriate, to the ILAP Repairable Item Matched List.

(c) Any DIC A5_, A6_, D6S, and D4S with Management Code c (will turn-in upon receipt of serviceable item) or d (will turn-in upon completion of investigation) are of interest to the manager should, at some time in the future, these transactions be written to the Overaged Repairable Report.

b. Interactive Repairable Management Purge/Review Process: The Interactive Repairable Management Purge/Review Process lets managers review, purge, or print records on the Repairable Control File. It does this for RIC-STOR-SITEs with RIC-GEOs that match the sign-on RIC-GEO. Managers use this process to purge repairable transactions when they determine that the offsetting transactions (issue or turn-in) will never come to the Repairable Management Batch Process. The system writes the purged records and RIC-GEOs to the Repairable Items Matched Listing. Whenever the system writes a transaction to the Print Queue as a matched record and the SARSS1 activity has a RIC-ILAP on its DODAAC Record, the system also writes a record to the ILAP Repairable Matched Hold File for the RIC-ILAP.

c. Overaged Repairable Process: The SARSS Master Control System (SMCS) executes the Overaged Repairable Process automatically at a specific time interval. This process creates an Overaged Repairable Items Listing of issues or turn-ins for which the offsetting transactions have not been entered within a parameter-set number of days. Use this listing to query the customer and to review or purge records on the Repairable File through the Interactive Repairable Management Process. The Overaged Repairable Items Listing contains the section number, Manager Code, DIC, quantity, NIIN, document number, and Suffix Code.

19.4 Input. Input DICs to the batch Repairable Management Processes are listed below.

- a. D6A - Customer turn-ins.
- b. A6_ - Denial of customer issue.
- c. DRA, DRB - Materiel receipt acknowledgment and response (to wholesale).
- d. D6S, D6K, D4S - Receipt of customer issue (dedicated request).
- e. A5_ - Customer issue (non-dedicated request).

19.5 Type Processing. The Repairable Management Batch and Overaged Repairable Processes are batch processes. The Interactive Repairable Management Purge/Review Process is an interactive process.

19.5.1 Process Parameters.

a. Repairable Management Batch Process: The Repairable Management Batch Process accepts DIC D6A, A6_, D6S, D6K, D4S, and A5_ transactions with Recoverability Code D, F, H, or L from supported SARSS1 activities. It edits these transactions for the DIC, stock number, Recoverability Code, quantity, unit of issue, supplementary address, DODAAC, and Management Code.

(1) The system writes DICs A5_, D4S, D6S, and D6K with Management Code a or b (indicating no turn-in) and DIC D6A with Management Code e (indicating no request required) directly to the Repairable Items Matched Listing.

(2) The system attempts to match each issue transaction (DIC A5_, D6S, D6K, or D4S) with a turn-in transaction (DIC D6A or A6_), based on the stock number and DODAAC. If it finds a match, it writes both transactions with the RIC-GEO to the Repairable Items Matched Listing for the matched quantity. The system then writes all unmatched quantities with the RIC-STOR-SITE to the Repairable Control File for subsequent processing.

b. Interactive Repairable Management Purge/Review Process: You can review or purge Repairable Control Records by:

- (1) NIIN.
- (2) Document number.
- (3) Manager Code.
- (4) RIC-STOR-SITE.

c. Overaged Repairable Process: The Overaged Repairable Process reads the Repairable Control File for records that are on the file longer than the parameter-set number of days.

19.5.2 Accessing the Process.

a. Repairable Management Batch Process: The SMCS executes this process at a specific time interval.

b. Overaged Repairable Process: The SMCS executes this process at a specific time interval.

c. Interactive Repairable Management Purge/Review Process: To initiate the Interactive Repairable Management Purge/Review Process, type **MREP** on the action line and press <Esc>. The system displays the SARSS Repairables Management screen (figure 19.5-1).

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DATE: [MM/DD/YY]                SARSS REPARABLES MANAGEMENT                TIME: [HH:MM SS]

NIIN:                [          ]

DOCUMENT NUMBER: [          ] [          ] [          ] SUFFIX CODE [ ]
                  DODAAC      DATE      SERL

MANAGER CODE:  [          ]                RIC-STOR-SITE [          ]

PRESS <ESC> TO PROCESS SCREEN

ACTION: [          ] <=== ENTER COMMAND TO CHANGE YOUR PROCESS                PCN AJU-210
<F1> = HELP          MENU = PREV MENU; SMM = SARSS MASTER MENU; LOGOUT; <F8> = ACTION

ENTER NIIN, - A/N, IF USING THIS FIELD ELSE LEAVE BLANK
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Figure 19.5-1. SARSS Repairables Management Screen

19.5.3 Operator Actions. On this screen, you can review or purge records on the Repairable Control File with a RIC-STOR-SITE in your geographical area.

- a. You can access a record by entering one of the following:
 - (1) The NIIN and DODAAC to get all records for that DODAAC with the input NIIN and related NIINs.
 - (2) The document number with a Suffix Code to get a specific document.
 - (3) A document number to get all records with the same document number.
 - (4) The Manager Code to get all documents for that particular manager.
 - (5) A DODAAC to get all records for that particular DODAAC.
 - (6) The NIIN only to get all records for that input NIIN and all related NIINs.
 - (7) The RIC-STOR-SITE to get all records with that RIC-STOR-SITE.
 - (8) The NIIN, document number, Suffix Code, Manager Code, and RIC-STOR-SITE to get a specific record.
- b. If the system finds no match, it displays this message: "NO RECORD FOUND."
- c. If the system finds a matching record, it displays it on the screen (figure 19.5-2) with one or more of the following options:

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- (1) F2/Clear Screen.
- (2) F5 Next Record.
- (3) F7 Purge.

DATE: [MM/DD/YY]	SARSS REPARABLE REVIEW/PURGE			TIME: [HH:MM:SS]
	NIIN: [225222222]	DIC	[A6A]	
	DOCUMENT NUMBER: [B47F43]	[8050]	[0001]	
		DODAAC	DATE	SERL
	SUFFIX-CD [C]		QTY [1]
	MGT-CD []		MGR-CD [ABF]	
	DTE-EFF [88000]		RIC-STOR-SITE [COM]	
ACTION: [] <=== ENTER COMMAND TO CHANGE YOUR PROCESS PCN AJU-209				
<F1> = HELP	MENU = PREV MENU;	SMM = SARSS MASTER MENU;	LOGOUT;	<F8> = ACTION
F2/CLEAR SCREEN		F5 NEXT RECORD	F7 PURGE	

Figure 19.5-2. SARSS Reparable Review/Purge Screen

d. To purge the record from the file, press <F7>. The system displays the screen in figure 19.5-3 with the F7/Confirm Purge option. You must press <F7> again to confirm this action.

DATE: [MM/DD/YY]	SARSS REPARABLE REVIEW/PURGE			TIME: [HH:MM SS]
NIIN: [22522222]	DIC	[A6A]		
DOCUMENT NUMBER: [B47F43]	[8050]	[0001]		
	DODAAC	DATE	SERL	
SUFFIX-CD [C]		QTY	[1]
MT-CD []		MGR-CD	[ABF]	
DTE-EFF [88050]		RIC-STOR-SITE	[COM]	
ACTION: []	<=== ENTER COMMAND TO CHANGE YOUR PROCESS			PCN AJU-209
<F1> = HELP	MENU = PREV MENU;	SMM = SARSS MASTER MENU;	LOGOUT; <F8> = ACTION	
F2/CLEAR SCREEN			F7/CONFIRM PURGE	

Figure 19.5-3. Confirmation Screen

e. The system writes all purged documents and the RIC-GEO to the Repairable Items Matched Listing.

19.5.4 Edits. The processes check the following items.

a. Batch Process.

(1) DIC D4S transactions with a DODAAC in RP 45-50 or, for all other DICs, a RIC in RP 81-83 that does not match the DODAAF is sent to the MRF (REA-REF AF) and deleted from the Repairable File.

(2) Transactions as in paragraph 19.5.4(1), that match the DODAAF but have a TUC other than 1-7 (SARSS1), are sent to the MRF (REA-REF AF).

(3) Transactions as in paragraph 19.5.4(1), with a DODAAC record, a TUC 1-7, but with a RIC-2A-SPT other than this SARSS2AC are deleted from the Repairable File without further action.

(4) An input transaction with a DODAAC in RP 30-35 that has a TUC other than K-T or U is deleted without further action.

(5) Transactions with a DIC other than A5_, A6_, D6_, or D4S are sent to the MRF (REA-REF A4).

(6) Transactions with a DIC D6K or D6S, with m, n, p, or q in RP 80 are written to the Error Report (REA-REF AK) and deleted from the input file.

(7) A transaction with a DODAAC for the RIC in RP 67-69 that does not match the DODAAC in RP 45-50 is deleted without further action.

(8) A DIC A5_ with other than I in RP 73 does not process.

(9) Any transaction with a NIIN not on the CMF is sent to the MRF (REA-REF 01) and is deleted.

(10) A transaction with a Recoverability Code other than F, H, D, or L is deleted without action.

(11) A transaction without a numeric quantity greater than zero in the quantity field is written to the MRF (REA-REF 15) and deleted from this process.

(12) The Unit of Issue field on the transaction must either match the CMF record or have a unit of issue that matches the UI Conversion Factor Table. Transactions not meeting this requirement are written to the MRF (REA-REF 41).

(13) This process deletes the Management Code from the transaction under the following circumstances:

(a) DIC D6A transactions with Management Code (RP 72) other than e.

(b) DIC D6_ (but not D6A), D4S, or A5 with Management Code other than a, b, A5_, A6_, D6S, or D4S with a Management Code other than c or d.

b. Interactive Process. Information entered is edited when processed.

19.6 Output.

a. Repairable Management Batch Process: This process outputs transactions to the Repairable Items Matched Listing and to the Error Listing and may produce output for the ILAP Repairable Matched Hold File. The process generates a DIC YFS for the SARSS2B SNRF Transactional Update Process when a problem is encountered in determining the exact relationship between stock numbers.

b. Interactive Repairable Management Purge/Review Process: This process outputs purged transactions to the Repairable Items Matched Listing and may produce output for the ILAP Repairable Matched Hold File.

c. Overaged Repairable Process: This process outputs overaged repairable transactions to the Overaged Repairable Items Listing.

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