

SECTION 78. TRANSACTION ROUTE

78.1 General. The Transaction Route Process determines the disposition of specific input transactions from the Transactions-In Process.

78.2 Interfaces. This process interfaces internally with the following:

- a. Transaction-In File. The system passes transactions from this file to the Transaction Route Process.
- b. Error Listing. Records with Reason Referred Code 73 or AM are written to this file.
- c. YSM/YIL Table. This process updates this table when processing DIC YSM, YIL, and D6K transactions.
- d. Catalog Master File. The process reads this file to determine the RIC-SOS, MATCAT, and Manager Codes.
- e. SARSS2A Unit Unique Parameter File. The process reads this file to obtain Manager Codes.
- f. DODAAF. This process uses the DODAAF when determining the Manager Code and RIC-GEO.
- g. Stock Number Relationship File (SNRF). This file contains interchangeable and substitute stock numbers. The process reads this file to determine if the stock number is a prime or substitute.
- h. ABF. The process reads this file for matching records to assign Manager Codes.
- i. Manager Review File (MRF). The process writes DIC YH1 and YH2 transactions with Reason Referred Code 99 to this file.

78.3 Process Overview. The Transaction Route Process is an automatic process performed daily in the batch mode. This process, controlled by the SARSS Master Control System (SMCS), runs several times a day. It prevents the Transactions-In Process from being slowed by the extra time needed to determine disposition of input transactions.

78.4 Input. The Transactions-In Process forwards all input for the Transaction Route Process. Input includes DIC AE_ transactions with BC, BH, CG, CJ, CK, CQ, CU, CY, and D8 Status Codes and DIC YH1, YH2, YSM, YIL, and D6K transactions.

78.5 Type Processing. The Transaction Route Process runs in the batch mode without operator intervention.

78.6 Edits. Only transactions with DIC AE_ and Status Code BA, BH, CG, CJ, CK, CQ, CU, CY, or D8 will process.

78.7 Processing. A DIC D6K transaction without a record matching by document number and Suffix Code is not processed further.

a. DIC AE_ Processing. This process receives DIC AE_ transactions with CG, CJ, CK, CQ, CU, CY, and D8 Status Codes from the Transactions-In Process. The process writes these transactions to the Error Listing with Reason Referred Code 73. The system writes DIC AE_ transactions with BC or BH Status Codes to the Error Listing with Reason Referred Code AM.

b. DIC YSM/YIL Processing. The process receives DIC YSM and YIL input transactions through the Transactions-In Process. First, the system searches the YSM or YIL table for an existing transaction with the same document number as the input transaction. If there is an existing record, that record will be overwritten with the input transaction. If there is no record, the process writes the input transaction to the YSM or YIL table with an assigned Manager Code. DIC YSM and YIL transactions on the YSM or YIL tables are processed in the Overdue Shipment Process.

c. DIC YH1/YH2 Processing. This process receives DIC YH1 and YH2 input transactions from SARSS1 activities through the Transactions-In Process. The process reads the MRF using the input transaction's DIC, document number, and Reason Referred Code 99.

(1) If the system cannot find a match, it writes the input transaction to the MRF with an assigned Manager Code, RIC storage site, Reason Referred Code 99, and Originator Code A (transaction sent to MRF by SARSS2AC Process).

(2) If the process finds a match by DIC, document number, and Reason Referred Code 99, the date of the transaction is compared to the system date. If the system date is more recent than the transaction date, the MRF record is deleted and the input transaction is posted to the MRF.

(3) If the system date and the transaction date are the same, the hour, minute, and second field (HHMMSS) of the DIC YH1/YH2 MRF transaction is compared to the same field on the input transaction. The older transaction (MRF or input) is deleted. If the HHMMSS on both transactions is the same, the DIC is YH2, the system checks to see if the Suffix Code on both transactions is the same. If they are the same, the input transaction is deleted. If the Suffix Code is different, the input transaction is written to the MRF. The MRF transaction is not deleted. If other than a DIC YH2, the DIC is YH1, the input transaction is deleted.

d. DIC D6K. When the process receives a DIC D6K transaction, it reads the YSM table for a record with a matching document number and Suffix Code. If there is no match, the transaction is not processed further. If there is a match, the YSM and YIL transaction is deleted and the DIC D6K is not processed further.

78.8 Output. Output from this process goes to the Error Listing, Transactions-In File, MRF, and the Daily Catalog Transactional Update Process. The latter occurs when this process is determining the correct Manager Code and a problem is encountered with the SNRF.