

SECTION 29. TRANSACTIONS-IN PROCESS

29.1 General. The Transactions-In Process at SARSS2AC/B is controlled by the SARSS Master Control System (SMCS) and runs automatically several times a day. It routes input transactions received from the Media-In Process and SARSS2AC/B processes to the appropriate application queue for processing. The Transactions-In Process performs minimal edits to determine the correct input queue.

29.2 Interfaces. The Transactions-In Process has external and internal interfaces.

29.2.1 External Interface. The Transactions-In Process interfaces externally with subordinate SARSS1 and SARSS2A sites, SARSS2B, SARSS-Gateway (GW), Defense Automatic Addressing System (DAAS), finance, and the next higher SARSS2A (if one exists).

29.2.2 Internal Files Interface. This process interfaces internally with the following files:

- a. Transaction-In File. This file receives input transactions.
- b. Parameter File. The system reads the SARSS2AC Unit Unique Records on this file to determine the information needed for routing transactions.
- c. Department of Defense Activity Address File (DODAAF). The system reads this file to obtain information for routing transactions.
- d. Transaction Hold File (ajutrholdric). The system writes transactions to this file when Trans-In has trouble reading an input file.
- e. Print File. The system writes records to this file for information purposes when error conditions occur.
- f. Manager Review File (MRF). This file contains records that require manager action.
- g. YEX Transaction File. The system writes input transactions to this file.

29.3 Process Overview. The Transactions-In Input Queue contains input (in either 80- or 91-byte format) for the Transactions-In Process. The Transactions-In Process has three main modules: Route External Input Module (80-byte), Route 2A Action Transaction Module, and Route 2B Action Transaction Module.

a. Route External Input Module. This module routes 80-byte input. This input comes from the Defense Logistics Agency (DLA), Direct Support Unit Standard Supply System (DS4), Major Item Information Center (MIIC), Logistics Support Activity (LOGSA), DAAS, and reserve storage activity (RSA). The module checks the transaction Document Identifier Code (DIC) to determine which input queue should receive the transaction. The system writes the Routing Identifier Code (RIC) of the sender, the RIC of the receiver, and the date the transaction was expanded to the input record to increase the length to 91 bytes before sending the transaction to an input queue.

b. Route 2A Action Transaction Module. This module routes 91-byte input that contains the SARSS2AC RIC, ***, ///, or **/ in the SEND-ID-RIC-TO field (RP 84-86). It routes input transactions by DIC. Some transactions require checking additional data elements against values on the master files.

c. Route 2B Action Transaction Module. This module routes 91-byte input that contains the SARSS2B RIC in the SEND-ID-RIC-TO field. It routes input transactions by DIC and other codes, when applicable.

29.4 Input. Input for the Transactions-In Process can only be 80 or 91 bytes and goes to the Transactions-In Input Queue. The size of the record determines how one of the three Transactions-In main modules routes it.

29.5 Type Processing. The Transactions-In Process is a batch process controlled by the SMCS and initiated by the SARSS system administrator from a dedicated terminal. This process runs concurrent with other automatic batch processes and with interactive processes.

29.5.1 Process Parameters. The transaction must be 80 or 91 bytes in length; if not, it errors out to a queue (ajuaxp) awaiting further action. The system routes the transaction to the appropriate module based on record length and the SEND-ID-RIC-TO field entry.

29.5.2 Accessing the Process. Only the SARSS system administrator can access the SMCS to initiate this process.

29.5.3 Operator Actions. The SMCS automatically executes this process at specific time intervals.

29.5.4 Edits. The system performs all edits internally.

29.6 Output. The system may direct output from this process to:

a. Input queues also used by other processes at the SARSS2AC/B level. Input queues are:

- (1) ABF Update (ajua3p).
- (2) Cancellation (ajuc0p).
- (3) Catalog Build (ajua8p).
- (4) Catalog Transactional Update (ajrcdp).
- (5) Control Echelon (batch) (ajud3p).
- (6) Control Degree (batch) (ajud1p).
- (7) Demand Conversion (ajrdlp).
- (8) Demand Daily (ajrdcp).
- (9) Document History Daily (A0_ & AT_) (ajrh8p).
- (10) Document History Daily (other than A0_ & AT_) (ajrhdp).
- (11) Document History Inquiry (Stock Number) (ajrhip).

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- (12) Document History Inquiry (Document Number) (ajrhkp).
 - (13) Document History Inquiry (MOV Control) (ajrhmp).
 - (14) Document History Inquiry (Serial Number Master) (ajrhop).
 - (15) DODAAF (ajuh0p).
 - (16) Excess (ajue0p).
 - (17) Financial Interface (ajrf9p).
 - (18) Follow-Up (ajuf0p).
 - (19) Issue Referral (ajur0p).
 - (20) Long Part Number Cross-Reference Transactional Update (ajrcmp).
 - (21) Modification (ajum0p).
 - (22) Parameter (batch) (ajuu1p).
 - (23) Performance Standards (ajup0p).
 - (24) Prime Route (ajur2p).
 - (25) Projected Turn-In Input File (ajuz2p).
 - (26) Return Advice Code (ajue1p).
 - (27) Referral Response (ajur4p).
 - (28) Reparable (aju10p)
 - (29) Route Outside Transactions (ajrh3p).
 - (30) Short Part Number Cross-Reference Transactional Update (ajrccp).
 - (31) SNRF Transactional Update (ajrcjp).
 - (32) Transaction-Out (ajub0p).
 - (33) Transaction Route (ajua2p).
 - (34) Worldwide DODAAC (ajrgfp).
 - (35) SARSS-Gateway (ajuosc).
- b. The Print Queue (ajuprintfile).

- c. The Manager Review File (MRF) (ajumrf).
- d. The YEX Transaction Table (ajutryex).