

## SECTION 30. TRANSACTIONS-OUT PROCESS

**30.1 General.** The Transactions-Out Process, controlled by the SARSS Master Control System (SMCS) at SARSS2AC/B, is a batch process that runs automatically at specific time intervals. It routes output transactions received from SARSS2AC/B processes to the Media Management Queue for access by the Media-Out portion of the SMCS. Because SARSS2B runs on the same Corps/Theater Automatic Data Processing Service Center-Phase II (CTASC-II) as SARSS2AC, data communication from one system to the other is internal. Therefore, SARSS2B receives data from SARSS2AC through the Transactions-In Process.

**30.2 Interfaces.** The Transactions-Out Process has external and internal interfaces.

**30.2.1 External Interface.** The Transactions-Out Process interfaces externally with subordinate SARSS1 and SARSS2A sites, SARSS-Gateway (GW), Logistics Control Activity (LCA), Logistics Support Activity (LOGSA), Industrial Logistics System Center (ILSC) (formerly known as Systems Integration Management Activity [SIMA]), Direct Support Unit Standard Supply System (DS4), Defense Automatic Addressing System (DAAS), finance, the National Guard Bureau (NGB), and the higher SARSS2A (if one exists). See figure 30.2-1.

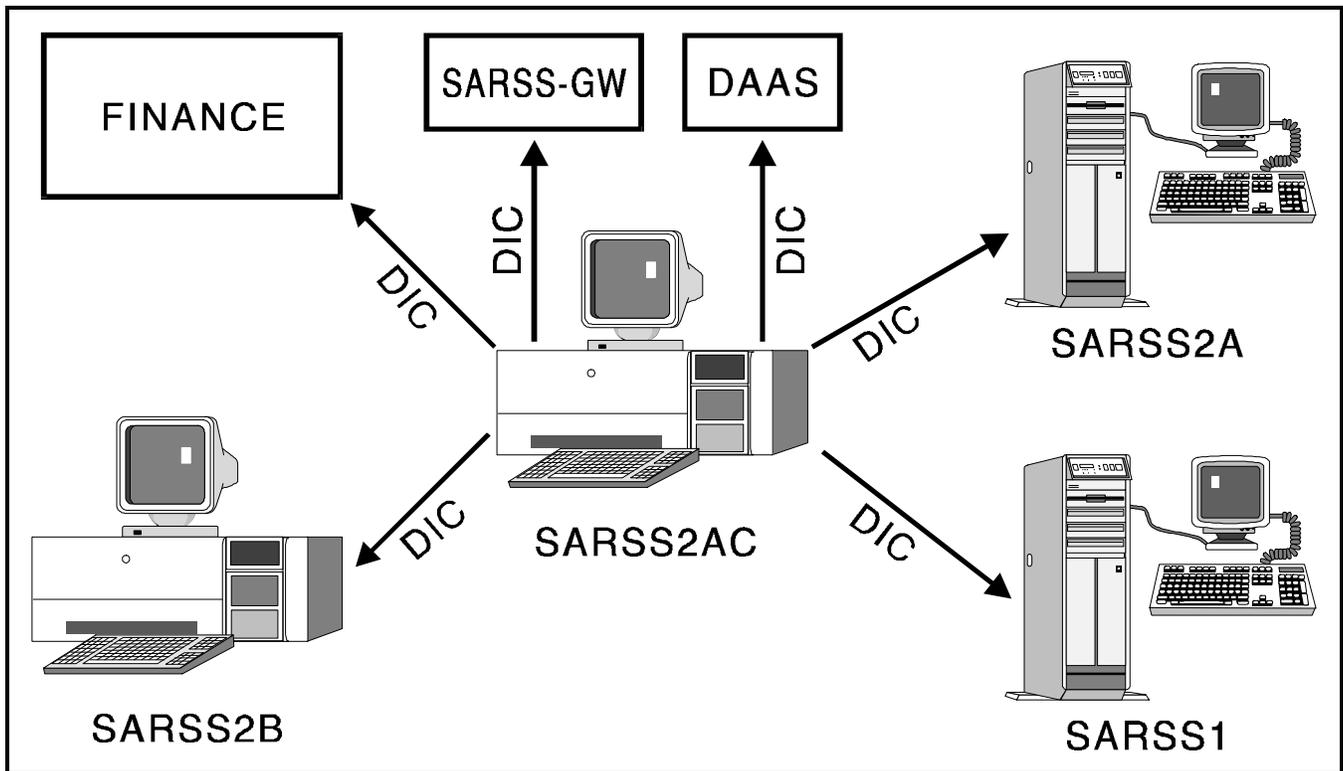


Figure 30.2-1. External Interfaces

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

- a. Department of Defense Activity Address File (DODAAF). The system accesses this file to obtain Department of Defense Activity Address Code (DODAAC) and address information for SARSS activities and to format Document Identifier Code (DIC) TA\_ transactions.
- b. Control Echelon File. The system accesses this file to format Control Echelon transactions.
- c. Parameter File. This file contains control information and tables used by the Transactions-Out Process.
- d. Availability Balance File (ABF). The system reads this file to locate matching records to format levels-type DIC YEBS.
- e. Print File. The system writes records to this file for information purposes when certain error conditions occur.
- f. Media-Out Queue. The Transactions-Out Process writes outgoing transactions to Media-Out for routing outside the SARSS system.

30.3 Process Overview. The Transactions-Out Process purifies, formats, and distributes transaction files and queue entries in the Transactions-Out Queue.

a. SARSS2AC/B processes route transactions to the Transactions-Out Process through the Transactions-Out Queue. The size of the record determines if processing occurs or if the queue entry only transfers the record to the Media-Out Queue.

b. The Transactions-Out Process performs the following functions:

(1) It sends all records that do not contain 91 or 40 bytes to Media-Out based on the SEND-ID-RIC-TO.

(2) If the queue entry indicates file transfer to several sites, each identified by a SEND-ID-RIC-TO of S1 through S6, the system makes an entry in the Media-Out Queue for each Routing Identifier Code (RIC) that applies to the particular RIC site address. SEND-ID-RIC-TO entries S1 through S6 (the third position of the SEND-ID-RIC-TO is blank) have the following meanings:

- (a) S1 - All directly supported SARSS1 activities.
- (b) S2 - All subordinate SARSS2A activities.
- (c) S3 - All directly supported SARSS1 and subordinate SARSS2A activities.
- (d) S4 - All directly supported SARSS1 and higher SARSS2A activities.
- (e) S5 - All subordinate and higher SARSS2A activities.
- (f) S6 - All directly supported SARSS1, subordinate SARSS2A, and higher SARSS2A activities.

(3) The process writes all 91-byte records to individual files for which a queue entry is made in Media-Out. If the queue entry indicates file transfer to several sites, each identified by a SEND-ID-RIC-TO of S1 through S6, the system makes an entry in the Media-Out Queue for each RIC that applies to the particular RIC site address.

(4) The process purifies all 40-byte records to eliminate duplicates before it creates the output file for transmittal. The only transactions it receives in the 40-byte format are DODAAC and parameter transactions and levels type DIC YEBs. The system formats all 40-byte transactions as 91-byte records and writes them to a file using the same logic as if they were 91-byte records.

(5) It sends transactions to all non-SARSS activities (except finance and SARSS Gateway) to Media-Out as 80-byte records with the RIC-TO in RP 4-6.

30.4 Input. SARSS2AC/B processes route transactions to the Transactions-Out Process through the Transactions-Out Queue.

30.5 Type Processing. The SMCS automatically runs the Transactions-Out Process at specific time intervals.

30.5.1 Process Parameters. The size of the record entering the Transaction-Out Queue determines if processing occurs or if the queue entry only transfers the record to Media-Out.

a. If the record does not contain either 40 or 91 bytes, it transfers directly to Media-Out based on the SEND-ID-RIC-TO.

b. If the record contains 91 bytes, the system writes the transaction to the file indicated by a queue entry in Media-Out, based on the SEND-ID-RIC-TO.

c. If the record contains 40 bytes, the system purifies it to eliminate duplicate records. It then formats the purified record as a 91-byte transaction and sends it to Media-Out, based on the SEND-ID-RIC-TO.

30.5.2 Accessing the Process. Only the SARSS system administrator may access this process.

30.5.3 Operator Actions. This process requires no operator actions.

30.5.4 Edits. See paragraph 30.5.1 for system edits.

30.6 Output. The Transactions-Out Process routes transactions to either Media-Out or the Print Queue.

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