

SECTION 49. CATALOG BUILD

49.1 General. The Catalog Build Process is a SARSS2AC batch process that runs on an as-required or daily basis. The SARSS Master Control System (SMCS) initiates this process automatically when it finds transactions with Document Identifier Codes (DICs) YC1 and YC2 in the Catalog Build Input Queue. A DIC YC1 is a catalog add transaction which is initiated at SARSS1 and passed to SARSS2A or SARSS2AC. A DIC YC2 is a catalog add transaction which is initiated at SARSS2A or SARSS2AC and passed to SARSS2AC if initiated at SARSS2A. An image is passed to SARSS2B.

a. This process may result in the creation of a Catalog Record. It is important, therefore, that this process be run on a priority basis to keep subsequent processes from generating errors due to lack of a matching Catalog Record.

b. The purpose of this process is to determine whether DIC YC1 and YC2 transactions from a supported SARSS2A or SARSS1 should be forwarded to the SARSS2B Catalog Transactional Update Process as additions to the tailored Catalog File, added to the CMF and downloaded as a record on the tailored Catalog File, or written to the Manager Review File (MRF) with Reason Referred Code 01, 31, or 44.

49.2 Interfaces. The Catalog Build Process has both external and internal interfaces.

49.2.1 External Interface. This process interfaces externally with subordinate SARSS2A and directly supported SARSS1 activities through DICs YC1 and YC2 as shown in figure 49.2-1.

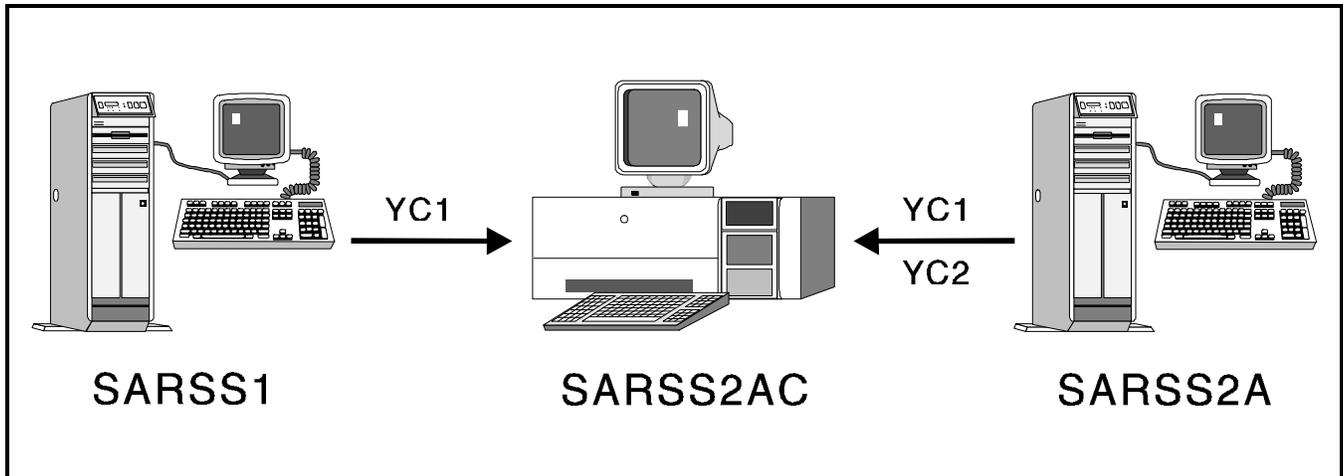


Figure 49.2-1. External Interfaces

49.2.2 Internal Files Interface. This process interfaces internally with the following files, queues, and tables:

a. CMF. The process reads this file to determine if a matching record exists.

b. Catalog Build Input Queue. The process reads this queue for input DIC YC1 and YC2 transactions and processes them.

c. Department of Defense Activity Address File (DODAAF). The process reads this file for the Type Unit Code.

d. MRF. The system writes DIC YC1 and YC2 transactions to the MRF with Reason Referred Code 01, 31, or 44.

e. Parameter File. The process reads the SARSS2A Unit Unique Record on this file to obtain the catalog Manager Code (CAT-MGR-CD) when it writes transactions to the Error Listing. It also reads this file to obtain the RIC-2B-SPT when it writes transactions to SARSS2B.

f. Print Queue. The process writes transactions to this queue for print on the Error Listing when error conditions occur.

g. Transaction-In File. The process writes DIC YC2 transactions addressed to SARSS2B to this file.

49.3 Process Overview. This process lets supported SARSS2A and SARSS1 activities initiate action to add records to the CMF.

a. If the DIC YC1 RIC-From identifies a SARSS1 activity, the process writes the DIC YC1 and YC2 (there may not be a DIC YC2) to the MRF with Reason Referred Code 01.

b. If the DIC YC1 RIC-From identifies a SARSS2A activity, and there is a DIC YC2 for the same national item identification number (NIIN), the process deletes the DIC YC1 and sends the DIC YC2 to the SARSS2B Catalog Transactional Update Process to update the User Status Code and the Extract DIC Code on the CMF Record.

c. The next time the Daily Catalog Extract Process runs, these records are downloaded to all supported SARSS activities as additions to the tailored Catalog File.

d. If there is not a DIC YC2, the process writes the DIC YC1 to the MRF with Reason Referred Code 01.

e. If there is already a CMF Record for the DIC YC1 NIIN and the Type Unit Code (TUC) of the DIC YC1 RIC-From identifies a SARSS1 activity, the process generates a DIC YC2 for the SARSS2B Catalog Transactional Update Process for processing as stated in paragraph b above.

f. If the TUC of the DIC YC1 RIC-From identifies a SARSS2A activity, and there is a DIC YC2 as well as a DIC YC1, the process sends the transactions to the SARSS2B Catalog Transactional Update Process for processing as stated in paragraph b above.

g. If there is not a DIC YC2 transaction, the process writes the DIC YC1 to the MRF with Reason Referred Code 01.

49.4 Input. Subordinate SARSS activities generate the input for this process. The system establishes a queue entry that lets the SMCS begin processing. The input queue contains only DIC YC1 and YC2 transactions.

49.5 Type Processing. The Catalog Build Process is a batch process that the SMCS initiates automatically; it does not require operator intervention.

49.5.1 Process Parameters. A DIC YC1 transaction with a unit price that is all numeric, a TUC of B, C, or D for the RIC-From on the DODAAF Record, and a CMF Record for the DIC YC1 NIIN, and for which the next record on the Catalog Build File is a DIC YC2 with the same NIIN as the DIC YC1, is not processed further.

49.5.2 Accessing the Process. The operator cannot access this process. The SMCS initiates it automatically when it finds DIC YC1 and YC2 transactions in the Catalog Build Input Queue.

49.5.3 Operator Actions. This process requires no operator action.

49.5.4 Edits. This process edits the DIC and unit price.

a. It edits the DIC to ensure it is YC1 or YC2. It writes any transactions with a DIC other than YC1 or YC2 to the MRF with Reason Referred Code 31.

b. It edits the Unit Price field on each DIC YC1 to ensure it is numeric. It writes any transactions failing this edit to the MRF with Reason Referred Code 44.

49.6 Output. Output from this process consists of DIC YC1 and YC2 transactions to SARSS2B and DIC YC1 and YC2 transactions to the MRF or Error Listing.

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