

**VERSION DESCRIPTION DOCUMENT FOR THE NASA SUPPLY
MANAGEMENT SYSTEM (NSMS)**

Release 6.9.0

PrISMS Contract

March 2002



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT
FOR THE
NASA SUPPLY MANAGEMENT SYSTEM (NSMS)
RELEASE**

Approved by

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

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1 INTRODUCTION

1.1 Identification of the Release

This software release is identified as the National Aeronautics and Space Administration (NASA) Supply Management System (NSMS), Version Description Document (VDD), Release 6.9.0.

The release has an effective date of March 28, 2002. Support of the previous release expires on the implementation date of release 6.9.0.

1.2 Purpose of the Release

This release includes system modifications as specified in Sections 2.0 and 3.0 of this document.

1.3 Scope of the Release

This release provides the functional and technical user of NSMS with changes to the contents and status of the application NSMS, Version 6.9.0, including the following:

- Validation procedures to ensure the reliability of those changes.
- References to other documents affected by this release.
- Detail software installation procedures.

1.4 Contact Points

Questions regarding the functional and/or technical aspects for NSMS, as well as the installation of this release, should be directed to:

Pam Leak at telephone number (256)544-1388 or
by e-mail Pam.Leak@msfc.nasa.gov
The fax number is (256)544-1836.

2 FUNCTIONAL INFORMATION

2.1 FUNCTIONAL CHANGES

This release incorporates Requirement Changes (RC) approved by the Configuration Control Board (CCB).

This release includes the necessary modules to incorporate RC 131, RC 402, RC 530, RC 691, RC 704, RC 723, RC 727, RC 994, RC 999, DR 1004 and RC 1007 approved by the CCB.

THIS RELEASE SHOULD NOT BE INSTALLED IN PRODUCTION IF THERE ARE INVENTORY COUNTS ALREADY IN PROGRESS.

1. ENHANCEMENT - Display Asset Data (Scan Asset and Stock Inquiry) 1620# - 131

The detail asset information displayed from the Asset Scan process and the detail information displayed from the Stock Status Inventory have a lot of duplicated information.

ACTION – Add the capability to toggle between the Asset Scan and Stock Inquiry Processes. While in Asset Scan, add the capability to go to the Stock Inquiry process and return to the Asset Scan Process. While in the Stock Inquiry process, add the capability to go to the Asset Scan process and return to the Stock Inquiry process.

2. ENHANCEMENT - Replenishment (Material Management Aggregation Code (MAC) on Fed/Mil Requisitions) 1620# - 402

Cannot input Material Management Aggregation Code (MAC) on Fed/Mil requisitions. In processing Federal/Military requisitions, there are codes that appear at the end of the NSN number (e.g. 5975-99-152-8355XX). The code is defined as a material management aggregation code (MMAC). That code identifies also the type of material being requisitioned.

ACTION - The coded information should appear on two NSMS screens (Manual Fed/Mil Order Entry and Fed/Mil Order Demand Items) processes. Please allow 15 digits in the NSN fields instead of the current 13 digits. If a catalog record exists, pull it from there. For demand items, let the user enter it. It should be a separate field appended to the 14th and 15th position of the NSN when in the above processes.

3. ENHANCEMENT - Receive Due In/Not Due In 1620# - 530

When an item is received and a partial quantity is placed in discrepant quantity, Receiving is not notified that a suspension exists when they try to bring in the replacement item for the original suspension. This results in a RCDI being processed without having the quantity on the suspension decreased to zero.

ACTION - The receipt process should notify the user that the item being received has open suspended receipts.

4. ENHANCEMENT - FED/MIL Requisitions and Returns 1620# - 691

An AF1 card is still being sent to the depot for status despite the presence of an AS1 status card. It zeroes in on the last status card received completely ignoring the AS1 status card.

ACTION - The status update process should look for any AS1 cards attached to the due-in creating the AF1 card.

5. ENHANCEMENT - Receipt Reversal (Removal of Reversed Shelf Life Records) 1620# - 704

When a shelf life item receipt is reversed, the shelf life information remains on NSMS record and has to be manually removed.

ACTION - Shelf Life record for a receipt reversal should also be reversed during the reversal process. Add shelf life data to the receipt transaction. If a receipt is reversed, delete the shelf life records.

6. ENHANCEMENT - Manual Fed/Mil Order Entry and Fed/Mil Order Demand Items 1620# - 723

There is no capability to add a required delivery date (RDD) on a federal requisition. (Card Columns 62-64)

ACTION - Establish a required delivery date (RDD) field in the Manual Fed/Mil Order Entry and Fed/Mil Order Demand Items processes.

7. ENHANCEMENT - Part Number Deletion file and Report 1620# - 727

Enable Part Numbers of deleted Catalog records to be stored on the Catalog History file. Allow up to fifty Part Numbers to be recorded.

ACTION - Modify the Add Change Or Delete Catalog Detail (CATADCHG) process and Delete Discontinued Catalog Record (DELDISCA) process, so when a Catalog record is deleted, the associated Part Numbers are updated on the Catalog History file. Create a new report reflecting these deleted Catalog records and their related Part Numbers.

8. ENHANCEMENT - Add Change Delete Catalog Detail, Environmental Attribute Code (ENAC) Table Maintenance and Headquarters Environmental Protection Agency (EPA) Report 1620 # - 994

Annually Logistics must provide a report to NASA Headquarters for EPA on Environmental Attribute Codes (ENAC) designated comprehensive procurement guidelines as per DOD Table 194 in volume 10. The NASA Supply Management System (NSMS) does not have a tool of identification for reporting these stock items.

ACTION - Add to the catalog a new 2 character field (alpha/numeric) titled ENAC create a catalog table to load the DOD table values. Create a report that will list all receipts for a catalog record with a ENAC code grouping by ENAC code. List generic technical name, stock number, source of supply, purchase order/FEDMIL, qty, total receipt value.

9. ENHANCEMENT - Trace Code Conversion 1620# - 999

Currently there is no process in NSMS to allow conversion of trace or non-trace Catalog/Asset records. Centers are doing 3 additional transactions against each record to manually accomplish this change. An ISPR to get the qty to zero, one of these: RCND, ADJA, or TINC/TICR to bring the qty back, and then an ADHA to adjust the demand history on the ISPR.

ACTION - Develop a process that would allow the conversion of records. Suggest a new transaction type tying the catalog revision, of trace code change to the asset/trace level that would allow a user to populate the on-hand qty with the needed trace key values and org/project for program stock assets.

10. PROBLEM - Create Suspended Excess Transaction 1620# - 1004

The Create Suspended Excess transaction process is requiring an expiration date to be entered for a non-shelf life item.

ACTION - Correct the process to require expiration date only for a shelf life item. If an expiration date is entered for a non-shelf life item, validate it and return an error if applicable.

11. ENHANCEMENT - (Semi-annual 1324 Report) 1620# - 1007

During a LIMS VITS, there were noted differences between the NSMS and the LIMS 1324 formats. The line items in sections VI, VII, and VIII did not match. Two line items in LIMS section VII were in reverse order and one line item was omitted in section VI.

ACTION – Modify NSMS 1324 lines to match LIMS 1324 lines.

2.2 FUNCTIONAL INTERFACES

The release has no functional impact on interfaces with other NASA legacy Agencywide Administrative Systems or configuration items.

2.3 CRITICAL ISSUES

THIS RELEASE SHOULD NOT BE INSTALLED IN PRODUCTION IF THERE ARE INVENTORY COUNTS ALREADY IN PROGRESS.

2.4 AFFECTED DOCUMENTS

The only document affected by this release is the NSMS-UOG-10, NSMS User and Operations Guide (UOG) dated July 2001.

2.5 APPLICATION SYSTEM ADMINISTRATION

Enhancement 723

1. Using the Batch Task Maintenance (BATCHTSK) process, change the FedMil Transaction Interface in the NS domain by adding the FedMil Interface Exceptions report.

Task ID: NSPUFINT
Task Name: FedMil Transaction Interface

Leaving the existing report file-no 1 unchanged, add the new report as follows:

Report ID: NSRBFIN2
Report Name: FedMil Interface Exceptions
File-No: 2

2. Change the FedMil Interface Exceptions report in the Batch Job Maintenance (BATCHJOB) process in the NS domain with:

Job ID: FEDREQUS
Job Name: FedMil Transaction Interface

Leaving the existing report file-no 1 unchanged, specify Copies, Output Type, and Output Option data for:

Report ID: NSRBFIN2
Report Name: FedMil Interfac
File No: 2

Enhancement 727

1. Using the On-Line Tasks Maintenance (TASKS) process, add:

Function: A
Task Type: P
Task Id: NSPTCHIS
Command Name: CATPTRPT
Type: REPORT
Title: Catalog Part Nbr Deleted Report

2. Using the Batch Task Maintenance (BATCHTSK) process, add:

Task Id: NSPRCHIS
Task Name: Catalog Part Nbr Deleted Rpt
Id: NSRBCHIS
Name: Catalog Part Nbr Deleted Rpt
File-No: 1

3. Using the Batch Job Maintenance (BATCHJOB) process, add:

Job Id: CATPTRPT

Job Name: Catalog Part Nbr Deleted Rpt
Type Of Schedule: U
Type Of Submission: I
Task Id: NSPRCHIS
Copies: 1
Output Type: * , then select from printer table

4. Add the appropriate security (SECURITY) to the users for the appropriate task(s). Remember to refresh the settings for the current session using the INIT command.
5. Using the Online Tasks Maintenance (TASKS) process, modify the Catalog Reporting menu.

FUNCTION: M
Task ID: NSMNCRPT

Add NSPTCHIS to the menu.

Enhancement 994

1. Add the Environmental Attribute Code (ENAC) to the Online Tasks Maintenance (TASKS) in the NS domain with:

FUNCTION: A
TASK TYPE: P
Task ID: NSPTTENA
Press <enter>

Enter: Command name: ENAC
Type: TABLES
Title: ENAC TABLE MAINTENANCE
Secured: N
Function: blank
Comment: N

2. Add the Environmental Protection Agency Report (EPARPT) to the Online Tasks Maintenance (TASKS) in the NS domain with:

FUNCTION: A
TASK TYPE: P
Task ID: NSPTTRCY
Press <enter>

Enter: Command name: EPARPT
Type: REPORTS
Title: EPA REPORT

Secured: N
Function: blank
Comment: N

3. Add the appropriate security (SECURITY) to the users for the appropriate task. Remember to refresh the settings for the current session using the INIT command.

4. Add Environmental Protection Agency Report to the Batch Task Maintenance (BATCHTSK) in the NS domain with:

Action: A
Task ID: NSPRTRCY
Task name: EPA REPORT
Parameter Input Module: NSSFTRCY
Number of work files: 1
Report ID: NSRBTRCY
Name: EPA REPORT
File No: 1

5. Add the Environmental Protection Agency Report to the Batch Job Maintenance (BATCHJOB) in the NS domain with:

Job ID: EPARPT
Job Name: EPA REPORT
Type of scheduling: U (User Initiated)
Type of submission: I (Immediate)
Task ID: NSPRTRCY

Specify Copies, Output Type, and Output Option data for:

Report ID: NSRBTRCY
Report Name: EPA REPORT
File No: 1

Add the workfile:

```
//CMWKF01 DD DSN=&&TEMP,DISP=(,DELETE),UNIT=SYSDA,  
// DCB=(RECFM=FB,LRECL=155,BLKSIZE=1550),SPACE=(TRK,(1,1),RLSE)
```

6. Using the Online Tasks Maintenance (TASKS) process, modify the Headquarters Reports menu.

FUNCTION: M
Task ID: NSMNHRPT

Add NSPTTRCY to the menu.

7. Using the Online Tasks Maintenance (TASKS) process, modify the Catalog

Tables menu.

FUNCTION: M
Task ID: NSMNCTBL

Add NSPTTENA to the menu.

Enhancement 999

1. Add the Trace Code Conversion to the Online Tasks Maintenance (TASKS) in the NS domain with:

FUNCTION: A
TASK TYPE: P
Task ID: NSPTCTRC
Press <enter>

Enter: Command name: CHGTRACE
Type: Catalog
Title: Trace Code Conversion
Secured: N
Function: blank
Comment: N

2. Add the appropriate security (SECURITY) to the users for the appropriate task(s). Remember to refresh the settings for the current session using the INIT command.

3. Using the Online Tasks Maintenance (TASKS) process, modify the Catalog Tables menu.

FUNCTION: M
Task ID: NSMNMSNI

Add NSPTCTRC to the menu.

4. Using the Transaction Definition (TRANSDEF) process, add the trace code conversion (ASTC) to the transaction types with NSPTDSTC as the display program.

TRANSACTION TYPE	TRANSACTION	DESCRIPTION	DISPLAY PROGRAM
ASTC	TRACE CODE CHANGE		NSPTDSTC

3 TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration activities.

3.1 TECHNICAL SYSTEM INTERFACES

This NSMS release has no technical impact on interfaces with other NASA legacy Agencywide Administrative Systems or configuration items.

3.2 DATA DICTIONARY CHANGES

Refer to Appendix D, Section 4.0, for the data dictionary changes in this release.

3.3 SOFTWARE OBJECT CHANGES

Modules affected by this release are included in Appendix D, Section 2.2.

3.4 DATABASE ADMINISTRATION

This section describes the database administration activities for installation of this release.

3.4.1 Release Dataset Names

Refer to Appendix D, Introduction section, for the release dataset names.

3.4.2 Inventory of Objects

Refer to Appendix D, Paragraph 2.1, for an inventory of Natural object types.

3.4.3 Storage Considerations

The changes represented by this release should not affect storage requirements.

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions for NSMS Software Release 6.9.0 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

Refer to the procedure described in Appendix D for assistance in preparing for proper installation and operational use of the release.

4 KNOWN AND OPEN PROBLEMS

There are no known or open problems related to this release.

APPENDIX A

LIST OF ACRONYMS

ADP	Automated Data Processing
CCB	Configuration Control Board
CCR	Change Control Request
DR	Discrepancy Report
ENAC	Environmental Attribute Code
EPA	Environmental Protection Agency
JCL	Job Control Language
JIT	Just In Time
MAC	Material Aggregation Code
MMAC	Material Management Aggregation Code
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NASA	National Aeronautics and Space Administration
NSMS	NASA Supply Management System
NSN	National Stock Number
RC	Requirements Change
RDD	Required Delivery Date
UOG	User and Operations Guide
VDD	Version Description Document

APPENDIX B

GLOSSARY

This document has no terms to be defined.

APPENDIX C

FUNCTIONAL CHANGE VALIDATION PROCEDURES

1. ENHANCEMENT - Display Asset Data (Scan Asset and Stock Inquiry) 1620# - 131

The detail asset information displayed from the Asset Scan process and the detail information displayed from the Stock Status Inventory have a lot of duplicated information.

ACTION – Add the capability to toggle between the Asset Scan and Stock Inquiry Processes. While in Asset Scan, add the capability to go to the Stock Inquiry process and return to the Asset Scan Process. While in the Stock Inquiry process, add the capability to go to the Asset Scan process and return to the Stock Inquiry process.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a Commercial Supply Source, Non-Traceable Catalog record. Process to completion. This record will be known as **Catalog1**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset, a program stock asset, and a standby stock asset for **Catalog1**. The store stock asset will be known as **Asset1**. The program stock asset will be known as **Asset2**. The standby stock asset will be known as **Asset3**.
- Using the Due-In/Not-Due-In (DINOTDI) process, receive quantities for each of the three assets for **Catalog1**. Add comments to **Asset1** and **Asset3**.
- Using the Asset Scan (SCANASET) process, view the asset data for **Asset1**, **Asset2**, and **Asset3**. When the pop-up window is presented, enter the option to View Stock Inquiry. After reviewing the data from the Stock Inquiry process, press enter to return to the Asset Scan process.
- Using the Stock Status Inquiry (STOCKINQ) process, view the data for **Asset1**, **Asset2** and **Asset3**. When the pop-up window is presented, enter the option to View Asset Scan. After reviewing the data from the Asset Scan process, press enter to return to the Stock Inquiry process.
- Using the Add, Change or Delete Asset (ADCHGAST) process, change **Asset2** by adding comments.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity for **Asset2**.
- Using the Asset Scan (SCANASET) process, view the asset data for **Asset2**.
- Using the Stock Status Inquiry (STOCKINQ) process, view the data for **Asset2**. When the pop-up window is presented, enter the option to view the comments for **Asset2**.

2. ENHANCEMENT - Replenishment (Material Management Aggregation Code (MAC) on Fed/Mil Requisitions) 1620# - 402

Cannot input Material Management Aggregation Code (MAC) on Fed/Mil requisitions. In processing Federal/Military requisitions, there are codes that appear at the end of the NSN number (e.g. 5975-99-152-8355XX). The code is defined as a material management aggregation code (MMAC). That code identifies also the type of material being requisitioned.

ACTION - The coded information should appear on two NSMS screens (Manual Fed/Mil Order Entry and Fed/Mil Order Demand Items) processes. Please allow 15 digits in the NSN fields instead of the current 13 digits. If a catalog record exists, pull it from there. For demand items, let the user enter it. It should be a separate field appended to the 14th and 15th position of the NSN when in the above processes.

Special Note: This validation tests the Transaction Archival Batch Job (ARCHIVE) and Transactions Restoration from Archv (RESTORE) processes. To protect the integrity of the transaction file in the unlikely event of a malfunction, make a backup of the transaction file prior to testing.

VALIDATION

- Using the Supply Source Table Maintenance (SORCETBL) process, determine a supply source with Supply Source Type other than commercial.
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add 4 catalog records as follows:
 - Two catalog records with a blank Material Aggregation Code (MAC) and the non-commercial supply source determined earlier. These records will be known as **Catalog1** and **Catalog2**.
 - Two catalog records with an alphabetic Material Aggregation Code (MAC) (upper case—within the range 'AA' through 'ZZ') and the non-commercial supply source determined earlier. These records will be known as **Catalog3** and **Catalog4**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset, a program stock asset, and a standby stock asset for each of **Catalog1** and **Catalog3** as stocked items. These assets will be identified as follows:
 - The store stock asset for **Catalog1** will be known as **Asset1**.
 - The program stock asset for **Catalog1** will be known as **Asset2**.
 - The standby stock asset for **Catalog1** will be known as **Asset3**.
 - The store stock asset for **Catalog3** will be known as **Asset4**.
 - The program stock asset for **Catalog3** will be known as **Asset5**.

- The standby stock asset for **Catalog3** will be known as **Asset6**.
- Using the Catalog Scan (CATSCAN) process, determine an NSN which is not on file. This NSN will be known as **Demand-NSN1**.
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, delete catalog records **Catalog2** and **Catalog4**. Process to completion.
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'A' to add Document Identifier 'A0A' to order quantity for each of **Asset1**, **Asset2**, and **Asset3**. Verify that the default value of the MAC code is blank. Specify a different MAC code for each asset. Process to completion. Make note of the respective NSNs, MAC codes, and document numbers. The Due-In transaction for **Asset1** will be known as **Due-In1**. The Due-In transaction for **Asset2** will be known as **Due-In2**. The Due-In transaction for **Asset3** will be known as **Due-In3**.
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'A' to add Document Identifier 'A0A' to order quantity for each of **Asset4**, **Asset5**, and **Asset6**. Verify that the default value of the MAC code is the same MAC code specified for **Catalog3**. Blank out the MAC code for each asset. Process to completion. Make note of the respective NSNs, and document numbers. The Due-In transaction for **Asset4** will be known as **Due-In4**. The Due-In transaction for **Asset5** will be known as **Due-In5**. The Due-In transaction for **Asset6** will be known as **Due-In6**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the respective alphabetic and blank MAC codes are accurately reflected in **Due-In1**, **Due-In2**, **Due-In3**, **Due-In4**, **Due-In5** and **Due-In6**. Make note of the respective Fed-Document-Numbers.
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'C', Document Identifier 'A0A', and the respective document numbers from **Due-In1**, **Due-In2**, and **Due-In3** to change the MAC code values for **Due-In1**, **Due-In2**, and **Due-In3**. Process to completion.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the modified MAC codes are accurately reflected in **Due-In1**, **Due-In2**, and **Due-In3**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset, a program stock asset, and a standby stock asset for each of **Catalog1** and **Catalog3** as direct delivery items. These assets will be identified as follows:
 - The store stock asset for **Catalog1** will be known as **Asset7**.
 - The program stock asset for **Catalog1** will be known as **Asset8**.
 - The standby stock asset for **Catalog1** will be known as **Asset9**.
 - The store stock asset for **Catalog3** will be known as **Asset10**.
 - The program stock asset for **Catalog3** will be known as **Asset11**.
 - The standby stock asset for **Catalog3** will be known as **Asset12**.

- Using the Asset Scan (SCANASET) process, determine 3 asset keys for direct delivery (demand) items which are not on file using **Demand-NSN1**—one each of store stock, program stock, and standby stock, identified as follows:
 - The store stock asset key for **Demand-NSN1** will be known as **Asset13**.
 - The program stock asset key for **Demand-NSN1** will be known as **Asset14**.
 - The standby stock asset key for **Demand-NSN1** will be known as **Asset15**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, specify action 'A' to add Document Identifier 'A0A' to order quantity for each of **Asset7**, **Asset8**, and **Asset9**. Verify that the default value of the MAC code is blank. Specify a different MAC code for each asset. Process to completion. Make note of the respective NSNs and document numbers. The Due-In transaction for **Asset7** will be known as **Due-In7**. The Due-In transaction for **Asset8** will be known as **Due-In8**. The Due-In transaction for **Asset9** will be known as **Due-In9**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, specify action 'A' to add Document Identifier 'A0A' to order quantity for each of **Asset10**, **Asset11**, and **Asset12**. Verify that the default value of the MAC code is the same MAC code specified for **Catalog3**. Blank out the MAC code for each asset. Process to completion. Make note of the respective NSNs and document numbers. The Due-In transaction for **Asset10** will be known as **Due-In10**. The Due-In transaction for **Asset11** will be known as **Due-In11**. The Due-In transaction for **Asset12** will be known as **Due-In12**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, specify action 'A' to add Document Identifier 'A0A' to create 2 due-in transactions for quantity for each of **Asset13**, **Asset14**, and **Asset15**. Verify that the default value of the MAC code for each asset is blank. In one transaction for each asset, specify a nonblank MAC code different for each asset. In the other transaction for each asset, allow the MAC code to remain blank. Process to completion. Make note of the respective NSNs and document numbers. These transactions will be identified as follows:
 - The Due-In transaction for **Asset13** with a nonblank MAC code will be known as **Due-In13**.
 - The Due-In transaction for **Asset14** with a nonblank MAC code will be known as **Due-In14**.
 - The Due-In transaction for **Asset15** with a nonblank MAC code will be known as **Due-In15**.
 - The Due-In transaction for **Asset13** with a blank MAC code will be known as **Due-In16**.
 - The Due-In transaction for **Asset14** with a blank MAC code will be known as **Due-In17**.
 - The Due-In transaction for **Asset15** with a blank MAC code will be known as **Due-In18**.

- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the respective alphabetic and blank MAC codes are accurately reflected in **Due-In7, Due-In8, Due-In9, Due-In10, Due-In11, Due-In12, Due-In13, Due-In14, Due-In15, Due-In16, Due-In17, and Due-In18**. Make note of the respective Fed-Document-Numbers.
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'C', Document Identifier 'A0A', and the respective document numbers from **Due-In4, Due-In5, and Due-In6** to change the MAC code values for **Due-In4, Due-In5, and Due-In6**. Process to completion.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the modified MAC codes are accurately reflected in **Due-In4, Due-In5, and Due-In6**.
- Using the Fed/Mil Requisitions and Returns (FEDREQUS) process, specify today's date and batch number zero to update to the next Fed/Mil batch. Process to completion. Examine the output from the batch job. Verify that the respective MAC code values are appended to the NSNs in the A0A status records of **Due-In1, Due-In2, Due-In3, Due-In4, Due-In5, Due-In6, Due-In7, Due-In8, Due-In9, Due-In10, Due-In11, Due-In12, Due-In13, Due-In14, Due-In15, Due-In16, Due-In17, and Due-In18**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the respective MAC code values are accurately reflected in the A0A status records (columns 21-22) of **Due-In1, Due-In2, Due-In3, Due-In4, Due-In5, Due-In6, Due-In7, Due-In8, Due-In9, Due-In10, Due-In11, Due-In12, Due-In13, Due-In14, Due-In15, Due-In16, Due-In17, and Due-In18**.
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'A' and the respective document numbers from **Due-In1, Due-In2, Due-In3, Due-In4, Due-In5, and Due-In6** to add AF1, ATA, AMA, AC1, and AFC Fed/Mil status records to each of **Due-In1, Due-In2, Due-In3, Due-In4, Due-In5, and Due-In6**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the previously modified MAC codes are accurately reflected in each AF1, ATA, AMA, AC1, and AFC status record of **Due-In1, Due-In2, Due-In3, Due-In4, Due-In5, and Due-In6**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, specify action 'A' and the respective document numbers from **Due-In7, Due-In8, Due-In9, Due-In10, Due-In11, and Due-In12** to add AF1, ATA, AMA, AC1, and AFC Fed/Mil status records to each of **Due-In7, Due-In8, Due-In9, Due-In10, Due-In11, Due-In12, Due-In13, Due-In14, Due-In15, Due-In16, Due-In17, and Due-In18**. Process to completion.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the previously modified MAC codes are accurately reflected in each AF1, ATA, AMA, AC1, and AFC status record of **Due-In7, Due-In8, Due-In9,**

Due-In10, Due-In11, Due-In12, Due-In13, Due-In14, Due-In15, Due-In16, Due-In17, and Due-In18.

- Using the Receive Due-In Not-Due-In (DINOTDI) process, specify the respective Fed-Document-Numbers for **Due-In1, Due-In2, Due-In3, Due-In4, Due-In5, Due-In6, Due-In7, Due-In8, Due-In9, Due-In10, Due-In11, Due-In12, Due-In13, Due-In14, Due-In15, Due-In16, Due-In17, and Due-In18** to generate due-in receipts of all quantities ordered. Process to completion.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify the receipt transactions for **Due-In1, Due-In2, Due-In3, Due-In4, Due-In5, Due-In6, Due-In7, Due-In8, Due-In9, Due-In10, Due-In11, Due-In12, Due-In13, Due-In14, Due-In15, Due-In16, Due-In17, and Due-In18.**
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'A' to add Document Identifier 'FTE' to turn in quantity for each of **Asset1, Asset2, Asset3, Asset4, Asset5, and Asset6.** Process to completion. Make note of the respective NSNs, and document numbers. The Turn-In transaction for **Asset1** will be known as **Turn-In1.** The Turn-In transaction for **Asset2** will be known as **Turn-In2.** The Turn-In transaction for **Asset3** will be known as **Turn-In3.** The Turn-In transaction for **Asset4** will be known as **Turn-In4.** The Turn-In transaction for **Asset5** will be known as **Turn-In5.** The Turn-In transaction for **Asset6** will be known as **Turn-In6.**
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'C' to modify the FTE status records for **Turn-In1, Turn-In2, Turn-In3, Turn-In4, Turn-In5, and Turn-In6.** Process to completion.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify the turn-in transactions **Turn-In1, Turn-In2, Turn-In3, Turn-In4, Turn-In5, and Turn-In6.** Make note of the respective Fed-Document-Numbers.
- Using the Fed/Mil Requisitions and Returns (FEDREQUS) process, specify today's date and batch number zero to update to the next Fed/Mil batch. Process to completion. Examine the output from the batch job. Verify that the default blank and alphabetic MAC code values from **Catalog1** and **Catalog3** are appended to the NSNs in the FTE status records of **Turn-In1, Turn-In2, Turn-In3, Turn-In4, Turn-In5, and Turn-In6.**
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the default (blank and alphabetic) MAC codes from **Catalog1** and **Catalog3** are accurately reflected in each FTE status record of **Turn-In1, Turn-In2, Turn-In3, Turn-In4, Turn-In5, and Turn-In6.**
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'A' and the respective document numbers from **Turn-In1, Turn-In2, Turn-In3, Turn-In4, Turn-In5, and Turn-In6** to add FTF, FTC, FTM, FTP, and FTT Fed/Mil status records to each of **Turn-In1, Turn-In2, Turn-In3, Turn-In4, Turn-In5, and Turn-In6.**

- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the default MAC codes from **Catalog1** and **Catalog3** are accurately reflected in each FTF, FTC, FTM, FTP, and FTT status record of **Turn-In1**, **Turn-In2**, **Turn-In3**, **Turn-In4**, **Turn-In5**, and **Turn-In6**.
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'A' to add Document Identifier 'A0A' to order quantity for each of **Asset1**, **Asset2**, and **Asset3**. Verify that the default value of the MAC code is blank. Specify a different MAC code for each asset, call-in values of 'Y', pre-assigned dates all in the same fiscal year prior to 2 fiscal years ago, & unique sequence numbers 9000 or greater. Process to completion. Make note of the respective NSNs and document numbers. The Due-In transaction for **Asset1** will be known as **Due-In19**. The Due-In transaction for **Asset2** will be known as **Due-In20**. The Due-In transaction for **Asset3** will be known as **Due-In21**.
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'A' to add Document Identifier 'A0A' to order quantity for each of **Asset4**, **Asset5**, and **Asset6**. Verify that the default value of the MAC code is the same MAC code specified for **Catalog3**. Blank out the MAC code for each asset. Specify call-in values of 'Y', pre-assigned dates all in the same fiscal year prior to 2 fiscal years ago, and unique sequence numbers 9000 or greater. Process to completion. Make note of the respective NSNs and document numbers. The Due-In transaction for **Asset4** will be known as **Due-In22**. The Due-In transaction for **Asset5** will be known as **Due-In23**. The Due-In transaction for **Asset6** will be known as **Due-In24**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the respective alphabetic and blank MAC codes are accurately reflected in the transaction fields of **Due-In19**, **Due-In20**, **Due-In21**, **Due-In22**, **Due-In23**, and **Due-In24**. Make note of the respective Fed-Document-Numbers.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, specify action 'A' to add Document Identifier 'A0A' to order quantity for **Asset7**, **Asset8**, and **Asset9**. Verify that the default value of the MAC code is blank. Specify a different MAC code for each asset, call-in values of 'Y', pre-assigned dates in the same fiscal year as **Due-In19**, **Due-In20**, **Due-In21**, **Due-In22**, **Due-In23**, and **Due-In24** (prior to 2 fiscal years ago), & unique sequence numbers 9000 or greater. Process to completion. Make note of the respective NSNs and document numbers. The Due-In transaction for **Asset7** will be known as **Due-In25**. The Due-In transaction for **Asset8** will be known as **Due-In26**. The Due-In transaction for **Asset9** will be known as **Due-In27**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, specify action 'A' to add Document Identifier 'A0A' to order quantity for **Asset10**, **Asset11**, and **Asset12**. Verify that the default value of the MAC code is the same MAC code specified for **Catalog3**. Blank out the MAC code for each asset. Specify

call-in values of 'Y', pre-assigned dates in the same fiscal year as **Due-In19**, **Due-In20**, **Due-In21**, **Due-In22**, **Due-In23**, and **Due-In24** (prior to 2 fiscal years ago), and unique sequence numbers 9000 or greater. Process to completion. Make note of the respective NSNs and document numbers. The Due-In transaction for **Asset10** will be known as **Due-In28**. The Due-In transaction for **Asset11** will be known as **Due-In29**. The Due-In transaction for **Asset12** will be known as **Due-In30**.

- Using the Fed/Mil Order Demand Items (FEDEMAND) process, specify action 'A' to add Document Identifier 'A0A' to create 2 due-in transactions for quantity for each of **Asset13**, **Asset14**, and **Asset15**. Verify that the default value of the MAC code for each asset is blank. In one transaction for each asset, specify a nonblank MAC code different for each asset. In the other transaction for each asset, allow the MAC code to remain blank. Specify call-in values of 'Y', pre-assigned dates in the same fiscal year as **Due-In19**, **Due-In20**, **Due-In21**, **Due-In22**, **Due-In23**, and **Due-In24** (prior to 2 fiscal years ago), and unique sequence numbers 9000 or greater. Process to completion. Make note of the respective NSNs and document numbers. These transactions will be identified as follows:
 - The Due-In transaction for **Asset13** with a nonblank MAC code will be known as **Due-In31**.
 - The Due-In transaction for **Asset14** with a nonblank MAC code will be known as **Due-In32**.
 - The Due-In transaction for **Asset15** with a nonblank MAC code will be known as **Due-In33**.
 - The Due-In transaction for **Asset13** with a blank MAC code will be known as **Due-In34**.
 - The Due-In transaction for **Asset14** with a blank MAC code will be known as **Due-In35**.
 - The Due-In transaction for **Asset15** with a blank MAC code will be known as **Due-In36**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the respective alphabetic and blank MAC codes are accurately reflected in the transaction fields of **Due-In25**, **Due-In26**, **Due-In27**, **Due-In28**, **Due-In29**, **Due-In30**, **Due-In31**, **Due-In32**, **Due-In33**, **Due-In34**, **Due-In35**, and **Due-In36**. Make note of the respective Fed-Document-Numbers.
- Using the Fed/Mil Requisitions and Returns (FEDREQUS) process, specify today's date and batch number zero to update to the next Fed/Mil batch. Process to completion. Examine the output from the batch job. Verify that there are no exceptions directly related to **Due-In19**, **Due-In20**, **Due-In21**, **Due-In22**, **Due-In23**, **Due-In24**, **Due-In25**, **Due-In26**, **Due-In27**, **Due-In28**, **Due-In29**, **Due-In30**, **Due-In31**, **Due-In32**, **Due-In33**, **Due-In34**, **Due-In35**, and **Due-In36**.

- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the respective alphabetic and blank MAC codes are accurately reflected in the A0A status records of **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36.**
- Using the Receive Due-In Not-Due-In (DINOTDI) process, specify the respective Fed-Document-Numbers for **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36** to generate due-in receipts of all quantities ordered. Process to completion.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify the receipt transactions for **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36.**
- Using the Batch Job Maintenance (BATCHJOB) process, reveal the dataset name of the workfile used in the job named "Transaction Archival" (Job ID: ARCHIVE). Make note of the workfile dataset name and use system utilities to make a backup copy of the workfile dataset to a similarly configured dataset with a unique name. [Note: In the test environment, the workfile dataset is overwritten by each successive use of the Transaction Archival Batch Job (ARCHIVE) process.]
- Using the Transaction Archival Batch Job (ARCHIVE) process, specify the fiscal year of **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36** to archive all closed transactions from that fiscal year. Process to completion. Examine the output from the batch job. Verify that the batch job output contains no exceptions specifically related to **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36.**
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that following archival, **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36** have been deleted from the transaction file.
- Using the Transactions Restoration from Archv (RESTORE) process, specify the fiscal year of **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36** to

restore all archived transactions from that fiscal year. Process to completion. Examine the output from the batch job. Verify that the batch job output contains no exceptions specifically related to **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36.**

- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36** have been fully restored to the transaction file, and that their transaction fields as well as their Fed/Mil status records accurately reflect their respective MAC codes, as entered/modified.

3. ENHANCEMENT - Receive Due In/Not Due In 1620# - 530

When an item is received and a partial quantity is placed in discrepant quantity, Receiving is not notified that a suspension exists when they try to bring in the replacement item for the original suspension. This results in a RCDI being processed without having the quantity on the suspension decreased to zero.

ACTION - The receipt process should notify the user that the item being received has open suspended receipts.

VALIDATION

- Using the Manual Commercial Due-In (MANCOMDI) process, add a due-in for an asset. Enter a source document number and a purchase order number. Process to completion. This due-in will be known as **TESTPO1**.
- Using the Receive Due-In Not-Due-In (DINOTDI) process, receive and suspend the receipt for **TESTPO1**. Enter the purchase order number for **TESTPO1**. Suspend the transaction.
- Using the Receive Due-In Not-Due-In (DINOTDI) process, receive the receipt by entering the purchase order number for **TESTPO1**. A window will appear reflecting that Suspended Receipts Exist and to view the suspended receipt using the (SUSPENDED RECEIPTS BROWSE SELECT). Press <enter> to receive the screen that list the due-in transactions. You may either process the receipt to completion or place the cursor on the Command Line and enter RECEIPTS as the Fastpath Command to get to the Suspended Receipts Process.
- Using the Commercial Order Demand Items (CODIRECT) process, add a due in for a non-existing asset. Enter a source document number and a purchase order number. Process to completion. This due-in will be known as **TESTPO2**.

- Using the Receive Due-In Not-Due-In (DINOTDI) process, receive and suspend the receipt for **TESTPO2**. Enter the purchase order number for **TESTPO2**. Suspend the transaction.
- Using the Receive Due-In Not-Due-In (DINOTDI) process, receive the receipt by entering the purchase order number for **TESTPO2**. A window will appear reflecting that Suspended Receipts Exist and to view the suspended receipt using the (SUSPENDED RECEIPTS BROWSE SELECT). Press <enter> to receive the screen that list the due-in transactions. You may either process the receipt to completion or place the cursor on the Command Line and enter RECEIPTS as the Fastpath Command to get to the Suspended Receipts Process.
- Using the Commercial Order Demand Items (CODIRECT) process, add a due in for a non-existing asset. Enter a source document number and a purchase order number. Process to completion. This due-in will be known as **TESTPO3**. Note the stock number for the due-in. This asset will be known as **AssetC1**.
- Using the I & S Table Maintenance (IANDSTAB) process, add a different non-existing asset to the table as the master NSN (this asset will be known as **AssetC2**). Add **AssetC1** as the interchangeable NSN. Process to completion. Note: the FSC Code should match for the assets.
- Using the Receive Due-in Not-Due-in (DINOTDI) process, receive and suspend the due-in for **AssetC1** using the purchase order number. The pop-up window will be presented asking if the stock number of the item being received matches the stock number shown above? Respond to the question with a No. An additional screen will be presented listing the NSNs from the landS table. Enter the number of the line which contains **AssetC2**. Process to completion.
- Using the Receive Due-In Not-Due-In (DINOTDI) process, receive quantity by entering the purchase order number for **TESTPO3**. A window will appear reflecting that Suspended Receipts Exist and to view the suspended receipt using the (SUSPENDED RECEIPTS BROWSE SELECT). Press <enter> to receive the screen that list the due-in transactions. You may either process the receipt to completion or place the cursor on the Command Line and enter RECEIPTS as the Fastpath Command to get to the Suspended Receipts Process. Note: when repeating this step using the stock number, Respond to the Interchangeable/Substitutable Window with a Yes, and enter the number of the line which contains **AssetC1**.
- Using the Monitor Transaction (MONTRANS) process, verify the receipt transaction is for **AssetC2**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, add a due in for a non-existing asset. Enter a source document number. Process to completion. Note the NSN, Stock Status Code and Stock Ownership. This asset will be known as **AssetF1**.

- Using the I & S Table Maintenance (IANDSTAB) process, add a non-existing asset to the table as the master NSN (this asset will be known as **AssetF2**). Add **AssetF1** as the interchangeable NSN. Process to completion. Note: the FSC Codes should match for the assets.
- Using the Receive Due-in Not-Due-in (DINOTDI) process, receive and suspend the due-in for **AssetF1** using the source document number. The pop-up window will be presented asking if the stock number of the item being received matches the stock number shown above? Respond to the question with a No. An additional screen will be presented listing the NSNs from the landS table. Enter the number of the line which contains **AssetF2**. Process to completion.
- Using the Receive Due-in Not-Due-in (DINOTDI) process, receive the due-in for **AssetF1** using the source document number. The pop-up window will be presented asking if the stock number of the item being received matches the stock number shown above? Respond to the question with a No. An additional screen will be presented listing the NSNs from the landS table. Enter the number of the line which contains **AssetF2**. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, verify the receipt transaction is for **AssetF2**.
- Using the Add, Change, or Delete Catalog Detail (CATADCHG) process, add a catalog record with a valid shelf life code (value other than 'O', '*' or blank). Process to completion.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add an asset record for the catalog record created in the previous step. Enter a 'J' as the supply type code. Process to completion. This asset will be known as **AssetJ**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add an asset record for the catalog record created in the previous step. Enter an 'E' as the supply type code. Process to completion. This asset will be known as **AssetE**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add an asset record for the catalog record created above. Do not enter a value in the supply type code. Process to completion. This asset will be known as **AssetB**.
- Using the Manual Commercial Due-In (MANCOMDI) process, add a due-in for **AssetJ**. Enter a source document number and a purchase order number. Process to completion.
- Using the Manual Commercial Due-In (MANCOMDI) process, add a due-in for **AssetE**. Enter a source document number and a purchase order number. Process to completion.
- Using the Manual Commercial Due-In (MANCOMDI) process, add a due-in for **AssetB**. Enter a source document number and a purchase order number. Process to completion.

- Using the Receive Due-in/Not-Due-in (DINOTDI) process, receive and suspend a receipt for **AssetJ**. Enter the purchase order number for the due-in for **AssetJ**. Suspend the transaction.
- Using the Receive Due-in/Not Due-in (DINOTDI) process, receive quantity for **AssetJ** by entering the purchase order number. Verify the Shelf Life screen does not appear for entry of data when a shelf life asset's supply type code is 'J'. Process to completion.
- Using the Receive Due-in/Not-Due-in (DINOTDI) process, receive and suspend the receipt for **AssetE**. Enter the purchase order number for the due-in for **AssetE**. Suspend the transaction.
- Using the Receive Due-in/Not Due-in (DINOTDI) process, receive quantity for **AssetE** by entering the purchase order number. Verify a JIT asset (supply type of E) cannot be received with the Receive Due-in/Not-Due-in (DINOTDI) process.
- Using the Receive Due-in/Not-Due-in (DINOTDI) process, receive and suspend the receipt for **AssetB**. Enter the purchase order number for the due-in for **AssetB**. Suspend the transaction.
- Using the Receive Due-in/Not Due-in (DINOTDI) process, receive quantity for **AssetB** by entering the purchase order number. Enter the Shelf Life data when screen is presented. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, verify the receipt transaction contains the appropriate shelf life information (expiration date and quantity) for **AssetB**.
- Repeat the above steps for Requisition Number, Stock Number, Source Document Number and Part Number.

4. ENHANCEMENT - FED/MIL Requisitions and Returns 1620# - 691

An AF1 card is still being sent to the depot for status despite the presence of an AS1 status card. It zeroes in on the last status card received completely ignoring the AS1 status card.

ACTION - The status update process should look for any AS1 cards attached to the due-in creating the AF1 card.

VALIDATION

- Using the Supply Source Table Maintenance (SORCETBL) process, determine a supply source with Supply Source Type other than commercial.
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record using the non-commercial supply source determined earlier. This record will be known as **Catalog1**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset, a program stock asset, and a standby stock asset for **Catalog1**

as stocked items. The store stock asset will be known as **Asset1**. The program stock asset will be known as **Asset2**. The standby stock asset will be known as **Asset3**.

- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset, a program stock asset, and a standby stock asset for **Catalog1** as direct delivery items. The store stock asset will be known as **Asset4**. The program stock asset will be known as **Asset5**. The standby stock asset will be known as **Asset6**.
- Using the Manual Fed/Mil Order Entry (MANFED) process, order quantity for each of **Asset1**, **Asset2**, and **Asset3**. Specify a call-in value of 'Y', a pre-assigned date prior to 1 week ago, and a unique sequence number of 9000 or greater. Process to completion. Make note of the respective document numbers. The Due-In transaction for **Asset1** will be known as **Due-In1**. The Due-In transaction for **Asset2** will be known as **Due-In2**. The Due-In transaction for **Asset3** will be known as **Due-In3**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify the due-in transactions. Make note of the Fed-Document-Numbers for **Due-In1**, **Due-In2**, and **Due-In3**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, order quantity for each of **Asset4**, **Asset5**, and **Asset6**. Specify a call-in value of 'Y', a pre-assigned date prior to 1 week ago, and a unique sequence number of 9000 or greater. Process to completion. Make note of the respective document numbers. The Due-In transaction for **Asset4** will be known as **Due-In4**. The Due-In transaction for **Asset5** will be known as **Due-In5**. The Due-In transaction for **Asset6** will be known as **Due-In6**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify the due-in transactions. Make note of the Fed-Document-Numbers for **Due-In4**, **Due-In5**, and **Due-In6**.
- Using the Fed/Mil Requisitions and Returns (FEDREQUS) process, specify today's date and batch number zero to update to the next Fed/Mil batch. Process to completion. Examine the output from the batch job. Verify that there are no exceptions directly related to **Due-In1**, **Due-In2**, **Due-In3**, **Due-In4**, **Due-In5**, and **Due-In6**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify **Due-In1**, **Due-In2**, **Due-In3**, **Due-In4**, **Due-In5**, and **Due-In6**, including their A0A status records.
- Using the Manual Fed/Mil Order Entry (MANFED) process, add AF1 status requests to **Due-In1**, **Due-In2**, and **Due-In3**.
- Using the Status Update (STATUPDT) process, first specify Document Identifier 'A0A' and the respective Document Number to add Document Identifier 'AS1' status records to **Due-In1**, **Due-In2**, and **Due-In3**.

- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that AF1 status requests and AS1 status records have been added to the due-in transactions.
- Using the Manual Fed/Mil Order Entry (MANFED) process, attempt to add additional AF1 status requests to **Due-In1**, **Due-In2**, and **Due-In3**. Verify the message: "033 - Cannot add AF1 followup - AS1 status record was already on file."
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that there are no additional AF1 status requests following the AS1 status records of **Due-In1**, **Due-In2**, and **Due-In3**.
- Using the Fed/Mil Requisitions and Returns (FEDREQUS) process, specify today's date and batch number zero to update to the next Fed/Mil batch. Process to completion. Examine the output from the batch job. Verify that generation of additional AF1 status requests has been disallowed for **Due-In1**, **Due-In2**, and **Due-In3**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, add AF1 status requests to **Due-In4**, **Due-In5**, and **Due-In6**. Process to completion.
- Using the Status Update (STATUPDT) process, first specify Document Identifier 'A0A' and the respective Document Number to add Document Identifier 'AS1' status records to **Due-In4**, **Due-In5**, and **Due-In6**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, attempt to add AF1 status requests to **Due-In4**, **Due-In5**, and **Due-In6**. Verify the message: "033 - Cannot add AF1 followup - AS1 status record was already on file."
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that there are no additional AF1 status requests following the AS1 status records of **Due-In4**, **Due-In5**, and **Due-In6**.
- Using the Manual Fed/Mil Order Entry (MANFED) process, create 2 due-in transactions for quantity for each of **Asset1**, **Asset2**, and **Asset3**. Specify call-in values of 'Y', pre-assigned dates prior to 3 days ago, and unique sequence numbers 9000 or greater. Process to completion. Make note of the respective document numbers. The Due-In transactions for **Asset1** will be known as **Due-In7** and **Due-In8**. The Due-In transactions for **Asset2** will be known as **Due-In9** and **Due-In10**. The Due-In transactions for **Asset3** will be known as **Due-In11** and **Due-In12**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, create 2 due-in transactions for quantity for each of **Asset4**, **Asset5**, and **Asset6**. Specify call-in values of 'Y', pre-assigned dates prior to 3 days ago, and unique sequence numbers 9000 or greater. Process to completion. Make note of the respective document numbers. The Due-In transactions for **Asset4** will be known as **Due-In13** and **Due-In14**. The Due-In transactions for **Asset5** will be known as **Due-In15** and **Due-In16**. The Due-In transactions for **Asset6** will be known as **Due-In17** and **Due-In18**.

- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify the due-in transactions. Make note of the respective NSNs, quantities document numbers, and Fed-Document-Numbers for **Due-In7, Due-In8, Due-In9, Due-In10, Due-In11, Due-In12, Due-In13, Due-In14, Due-In15, Due-In16, Due-In17, and Due-In18.**
- Using the Fed/Mil Requisitions and Returns (FEDREQUS) process, specify today's date and batch number zero to update to the next Fed/Mil batch. Process to completion. Examine the output from the batch job. Verify that there are no exceptions directly related to **Due-In7, Due-In8, Due-In9, Due-In10, Due-In11, Due-In12, Due-In13, Due-In14, Due-In15, Due-In16, Due-In17, and Due-In18.**
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify the due-in transactions, including their AOA status records.
- Using the Fed/Mil Requisitions and Returns (FEDREQUS) process, specify today's date and batch number zero to update to the next Fed/Mil batch. Process to completion. Examine the output from the batch job. Verify that AF1 status requests have been added to **Due-In7, Due-In8, Due-In9, Due-In10, Due-In11, Due-In12, Due-In13, Due-In14, Due-In15, Due-In16, Due-In17, and Due-In18.** Also verify that these same due-ins have no exceptions directly related to them.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify the due-in transactions **Due-In7, Due-In8, Due-In9, Due-In10, Due-In11, Due-In12, Due-In13, Due-In14, Due-In15, Due-In16, Due-In17, and Due-In18,** including their AF1 status requests.
- Using the Status Update (STATUPDT) process, add AS1 status records to **Due-In7, Due-In9, Due-In11, Due-In13, Due-In15, and Due-In17.**
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify the due-in transactions, including their AS1 status records.
- Using the Batch Job Maintenance (BATCHJOB) process, select Job ID 'FEDREQUS' and specify action 'C' to change the Job Control Language (EXEC JCL) commands for the Fed/Mil Requisitions and Returns (FEDREQUS) process. Before modification, make note of the current Job Control Language (EXEC JCL) commands. Change the EXEC JCL commands to use the 'DD' parameter to temporarily advance the system date by at least 11 days (during FEDREQUS batch processing). Process to completion.
- Note: For the next test step, it is necessary to reconnect to the online test environment using the 'DD' parameter to temporarily advance the system date by the same number of days used to advance the Fed/Mil Requisitions and Returns (FEDREQUS) process in the previous step.
- Using the Fed/Mil Requisitions and Returns (FEDREQUS) process, specify today's temporarily advanced date and batch number zero to update to the next Fed/Mil batch. Process to completion. Examine the output from the

batch job. Verify that AF1 status requests have been disallowed for **Due-In7**, **Due-In9**, **Due-In11**, **Due-In13**, **Due-In15**, and **Due-In17**, with the following message: 'AF1 Card Not Generated Because AS1 Exists'. Also verify that additional AF1 status requests have been added to **Due-In8**, **Due-In10**, **Due-In12**, **Due-In14**, **Due-In16**, and **Due-In18**.

- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that there are no additional AF1 status requests following the AS1 status records of **Due-In7**, **Due-In9**, **Due-In11**, **Due-In13**, **Due-In15**, and **Due-In17**, and that additional AF1 status requests have been added to **Due-In8**, **Due-In10**, **Due-In12**, **Due-In14**, **Due-In16**, and **Due-In18**.
- Using the Status Update (STATUPDT) process, first specify Document Identifier 'A0A' and the respective Document Number to add Document Identifier 'AU1' status records to **Due-In7**, **Due-In9**, **Due-In11**, **Due-In13**, **Due-In15**, and **Due-In17**. In each transaction, specify a shipment date prior to 10 days ago as a Julian date. Process to completion.
- Using the Batch Job Maintenance (BATCHJOB) process, select Job ID 'FEDREQUS' and specify action 'C' to change the Job Control Language (EXEC JCL) commands for the Fed/Mil Requisitions and Returns (FEDREQUS) process. Before modification, make note of the current Job Control Language (EXEC JCL) commands. Change the EXEC JCL commands to use the 'DD' parameter to temporarily advance the system date by an additional 11 days (during FEDREQUS batch processing). Process to completion.
- Note: For the next test step, it is necessary to reconnect to the online test environment using the 'DD' parameter to temporarily advance the system date by the same number of days used to advance the Fed/Mil Requisitions and Returns (FEDREQUS) process in the previous step.
- Using the Fed/Mil Requisitions and Returns (FEDREQUS) process, specify today's temporarily advanced date and batch number zero to update to the next Fed/Mil batch. Process to completion. Examine the output from the batch job. Verify that AF1 status requests have been disallowed for **Due-In7**, **Due-In9**, **Due-In11**, **Due-In13**, **Due-In15**, and **Due-In17**, with the following message: 'AF1 Card Not Generated Because AS1 Exists'. Also verify that additional AF1 status requests have been added to **Due-In8**, **Due-In10**, **Due-In12**, **Due-In14**, **Due-In16**, and **Due-In18**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that there are no additional AF1 status requests following the AU1 status records of **Due-In7**, **Due-In9**, **Due-In11**, **Due-In13**, **Due-In15**, and **Due-In17**, and that additional AF1 status requests have been added to **Due-In8**, **Due-In10**, **Due-In12**, **Due-In14**, **Due-In16**, and **Due-In18**.
- Using the Batch Job Maintenance (BATCHJOB) process, select Job ID 'FEDREQUS' and specify action 'C' to change the Job Control Language

(JCL) commands for the Fed/Mil Requisitions and Returns' (FEDREQUS) process to restore the values they held prior to this test.

5. ENHANCEMENT - Receipt Reversal (Removal of Reversed Shelf Life Records) 1620# - 704

When a shelf life item receipt is reversed, the shelf life information remains on NSMS record and has to be manually removed.

ACTION - Shelf Life record for a receipt reversal should also be reversed during the reversal process. Add shelf life data to the receipt transaction. If a receipt is reversed, delete the shelf life records.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, create two catalog records with a Commercial Supply Source and a Shelf Life code. Add one of the catalog records as traceable and the other non-traceable. Process to completion. The non-traceable record will be known as **Catalog1** and the traceable record will be known as **Catalog2**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add an asset for **Catalog1**. This asset will be known as **Asset1**.
- Using the Manual Commercial Due-In (MANCOMDI) process, add a Due-In for **Asset1**. Enter at least a quantity of fifteen (15) and a purchase order number. Process to completion.
- Using the Due-In/Not-Due-In (DINOTDI) process, receive at least a quantity of fifteen (15) for **Asset1**. When the shelf life screen is presented, enter at least fifteen (15) different expiration dates. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, view the detail information for the receipt transaction for **Asset1**. A pop-up window will appear to allow for additional viewing. View the Shelf Life. The fifteen (15) expiration dates and quantity should be reflected.
- Using the Shelf Life Maintenance (SHLFLIFE) process, verify the expiration dates and quantities exist for **Asset1**.
- Using the Transaction Reversal (REVTRANS) process, reverse the receipt transaction for **Asset1**.
- Using the Monitor Transaction (MONTRANS) process, view the receipt reversal transaction for **Asset1**.
- Using the Shelf Life Maintenance (SHLFLIFE) process, verify the expiration dates and quantities were deleted for **Asset1**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add an asset for **Catalog2**. This asset will be known as **Asset2**.

- Using the Manual Commercial Due-In (MANCOMDI) process, add a Due-In for **Asset2**. Enter at least a quantity of fifteen (15) and a purchase order number. Process to completion.
- Using the Due-In/Not-Due-In (DINOTDI) process, receive at least a quantity of fifteen (15) for **Asset2**. When the shelf life screen is presented, enter at least fifteen (15) different expiration dates. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, view the detail information for the receipt transaction for **Asset2**. A pop-up window will appear to allow for additional viewing. View the Shelf Life. The fifteen (15) expiration dates and quantity should be reflected.
- Using the Shelf Life Maintenance (SHLFLIFE) process, verify the expiration dates and quantities exist for **Asset2**.
- Using the Transaction Reversal (REVTRANS) process, reverse the receipt transaction for **Asset2**.
- Using the Monitor Transaction (MONTRANS) process, view the receipt reversal transaction for **Asset2**.
- Using the Shelf Life Maintenance (SHLFLIFE) process, verify the expiration dates and quantities were deleted for **Asset1**.

6. ENHANCEMENT - Manual Fed/Mil Order Entry and Fed/Mil Order Demand Items 1620# - 723

There is no capability to add a required delivery date (RDD) on a federal requisition. (Card Columns 62-64)

ACTION - Establish a required delivery date (RDD) field in the Manual Fed/Mil Order Entry and Fed/Mil Order Demand Items processes.

Special Notes: This validation tests the Transaction Archival Batch Job (ARCHIVE) and Transactions Restoration from Archv (RESTORE) processes. To protect the integrity of the transaction file in the unlikely event of a malfunction, make a backup of the transaction file prior to testing.

VALIDATION

- Using the Supply Source Table Maintenance (SORCETBL) process, determine a supply source with Supply Source Type other than commercial.
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record using the non-commercial supply source determined earlier. This record will be known as **Catalog1**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset, a program stock asset, and a standby stock asset for **Catalog1** as stocked items. The store stock asset will be known as **Asset1**. The

program stock asset will be known as **Asset2**. The standby stock asset will be known as **Asset3**.

- Using the Catalog Scan (CATSCAN) process, determine an NSN which is not on file. This NSN will be known as **Demand-NSN1**.
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'A' to add Document Identifier 'A0A' to create 2 due-in transactions for quantity for each of **Asset1**, **Asset2**, and **Asset3**. In one transaction for each asset, specify a nonblank RDD value—using a different format for each asset. In the other transaction for each asset, allow the RDD value to remain blank. Process each transaction to completion. Make note of the respective NSNs, quantities, RDD values, and document numbers. These transactions will be known as follows: the due-in transaction for **Asset1** with a nonblank RDD value will be known as **Due-In1**, the due-in transaction for **Asset2** with a nonblank RDD value will be known as **Due-In2**, the due-in transaction for **Asset3** with a nonblank RDD value will be known as **Due-In3**, the due-in transaction for **Asset1** with a blank RDD value will be known as **Due-In4**, the due-in transaction for **Asset2** with a blank RDD value will be known as **Due-In5**, the due-in transaction for **Asset3** with a blank RDD value will be known as **Due-In6**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the respective RDD values are accurately reflected in the due-in transactions. Make note of the respective Fed-Document-Numbers.
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'C', Document Identifier 'A0A', and the respective document numbers from **Due-In1**, **Due-In2**, and **Due-In3** to change the Required Delivery Date (RDD) format and value for **Due-In1**, **Due-In2**, and **Due-In3**. Process to completion.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the modified RDD values are accurately reflected in **Due-In1**, **Due-In2**, and **Due-In3**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset, a program stock asset, and a standby stock asset for **Catalog1** as direct delivery items. The store stock asset will be known as **Asset4**. The program stock asset will be known as **Asset5**. The standby stock asset will be known as **Asset6**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, specify action 'A' to add Document Identifier 'A0A' to create 2 due-in transactions for quantity for each of **Asset4**, **Asset5**, and **Asset6**. In one transaction for each asset, specify a nonblank RDD value—using a different format for each asset. In the other transaction for each asset, allow the RDD value to remain blank. Process each transaction to completion. Make note of the respective NSNs, quantities, RDD values, and document numbers. These transactions will be identified as follows:

- The due-in transaction for **Asset4** with a nonblank RDD value will be known as **Due-In7**.
- The due-in transaction for **Asset5** with a nonblank RDD value will be known as **Due-In8**.
- The due-in transaction for **Asset6** with a nonblank RDD value will be known as **Due-In9**.
- The due-in transaction for **Asset4** with a blank RDD value will be known as **Due-In10**.
- The due-in transaction for **Asset5** with a blank RDD value will be known as **Due-In11**.
- The due-in transaction for **Asset6** with a blank RDD value will be known as **Due-In12**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the respective RDD values are accurately reflected in **Due-In7**, **Due-In8**, **Due-In9**, **Due-In10**, **Due-In11**, and **Due-In12**. Make note of the respective Fed-Document-Numbers.
- Using the Asset Scan (SCANASET) process, determine 3 asset keys for direct delivery (demand) items which are not on file using **Demand-NSN1**—one each of store stock, program stock, and standby stock, identified as follows:
 - The store stock asset key for **Demand-NSN1** will be known as **Asset7**.
 - The program stock asset key for **Demand-NSN1** will be known as **Asset8**.
 - The standby stock asset key for **Demand-NSN1** will be known as **Asset9**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, specify action 'A' to add Document Identifier 'A0A' to create 2 due-in transactions for quantity for each of **Asset7**, **Asset8**, and **Asset9**. In one transaction for each asset, specify a nonblank RDD value—using a different format for each asset. In the other transaction for each asset, allow the RDD value to remain blank. Process each transaction to completion. Make note of the respective NSNs, quantities, RDD values, and document numbers. These transactions will be identified as follows:
 - The due-in transaction for **Asset7** with a nonblank RDD value will be known as **Due-In13**.
 - The due-in transaction for **Asset8** with a nonblank RDD value will be known as **Due-In14**.
 - The due-in transaction for **Asset9** with a nonblank RDD value will be known as **Due-In15**.
 - The due-in transaction for **Asset7** with a blank RDD value will be known as **Due-In16**.
 - The due-in transaction for **Asset8** with a blank RDD value will be known as **Due-In17**.
 - The due-in transaction for **Asset9** with a blank RDD value will be known as **Due-In18**.

- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the respective RDD values are accurately reflected in **Due-In13**, **Due-In14**, **Due-In15**, **Due-In16**, **Due-In17**, and **Due-In18**. Make note of the respective Fed-Document-Numbers.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, specify action 'C', Document Identifier 'A0A', and the respective document numbers from **Due-In7**, **Due-In8**, **Due-In9**, **Due-In13**, **Due-In14**, and **Due-In15** to change the Required Delivery Date (RDD) format and value for **Due-In7**, **Due-In8**, **Due-In9**, **Due-In13**, **Due-In14**, and **Due-In15**. Process to completion.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the modified Required Delivery Dates are accurately reflected in **Due-In7**, **Due-In8**, **Due-In9**, **Due-In13**, **Due-In14**, and **Due-In15**.
- Using the Fed/Mil Requisitions and Returns (FEDREQUS) process, specify today's date and batch number zero to update to the next Fed/Mil batch. Process to completion. Examine the output from the batch job. Verify that the respective RDD values for **Due-In1**, **Due-In2**, **Due-In3**, **Due-In4**, **Due-In5**, **Due-In6**, **Due-In7**, **Due-In8**, **Due-In9**, **Due-In10**, **Due-In11**, **Due-In12**, **Due-In13**, **Due-In14**, **Due-In15**, **Due-In16**, **Due-In17**, and **Due-In18** are accurately reflected in the Variable Data column of the output, and that there are no exceptions directly related to **Due-In1**, **Due-In2**, **Due-In3**, **Due-In4**, **Due-In5**, **Due-In6**, **Due-In7**, **Due-In8**, **Due-In9**, **Due-In10**, **Due-In11**, **Due-In12**, **Due-In13**, **Due-In14**, **Due-In15**, **Due-In16**, **Due-In17**, or **Due-In18**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the respective Required Delivery Dates are accurately reflected in the A0A status records (columns 62-64) of **Due-In1**, **Due-In2**, **Due-In3**, **Due-In4**, **Due-In5**, **Due-In6**, **Due-In7**, **Due-In8**, **Due-In9**, **Due-In10**, **Due-In11**, **Due-In12**, **Due-In13**, **Due-In14**, **Due-In15**, **Due-In16**, **Due-In17**, and **Due-In18**.
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'A' and the respective document numbers from **Due-In1**, **Due-In2**, **Due-In3**, **Due-In4**, **Due-In5**, and **Due-In6** to add AF1, ATA, AMA, AC1, and AFC Fed/Mil status records to **Due-In1**, **Due-In2**, **Due-In3**, **Due-In4**, **Due-In5**, and **Due-In6**. Process to completion.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the previously modified and blank RDD values are accurately reflected in each AF1, ATA, AMA, AC1, and AFC status record of **Due-In1**, **Due-In2**, **Due-In3**, **Due-In4**, **Due-In5**, and **Due-In6**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, specify action 'A' and the respective document numbers from **Due-In7**, **Due-In8**, **Due-In9**, **Due-In10**, **Due-In11**, **Due-In12**, **Due-In13**, **Due-In14**, **Due-In15**, **Due-In16**, **Due-In17**, and **Due-In18** to add AF1, ATA, AMA, AC1, and AFC Fed/Mil status records to **Due-In7**, **Due-In8**, **Due-In9**, **Due-In10**, **Due-In11**, **Due-In12**,

Due-In13, Due-In14, Due-In15, Due-In16, Due-In17, and Due-In18.

Process to completion.

- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the previously modified Required Delivery Date (RDD) values are accurately reflected in each AF1, ATA, AMA, AC1, and AFC status record of **Due-In7, Due-In8, Due-In9, Due-In10, Due-In11, Due-In12, Due-In13, Due-In14, Due-In15, Due-In16, Due-In17, and Due-In18.**
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'A' to add Document Identifier 'A0A' to create 2 due-in transactions for quantity for each of **Asset1, Asset2, and Asset3.** For all transactions, specify call-in values of 'Y', pre-assigned dates all in the same fiscal year prior to 2 fiscal years ago (to permit archival), and unique sequence numbers 9000 or greater. In one transaction for each asset, specify a nonblank RDD value—using a different format for each asset. In the other transaction for each asset, allow the RDD value to remain blank. Process each transaction to completion. Make note of the respective NSNs, quantities, RDD values, and document numbers. These transactions will be identified as follows: the due-in transaction for **Asset1** with a nonblank RDD value will be known as **Due-In19**, the due-in transaction for **Asset2** with a nonblank RDD value will be known as **Due-In20**, the due-in transaction for **Asset3** with a nonblank RDD value will be known as **Due-In21**, the due-in transaction for **Asset1** with a blank RDD value will be known as **Due-In22**, the due-in transaction for **Asset2** with a blank RDD value will be known as **Due-In23**, the due-in transaction for **Asset3** with a blank RDD value will be known as **Due-In24.**
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the respective Required Delivery Date (RDD) values are accurately reflected in the transaction fields of **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, and Due-In24.**
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, specify action 'A' to add Document Identifier 'A0A' to create 2 due-in transactions for quantity for each of **Asset4, Asset5, Asset6, Asset7, Asset8, and Asset9.** For all transactions, specify call-in values of 'Y', pre-assigned dates all in the same fiscal year as **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, and Due-In24,** and unique sequence numbers 9000 or greater. In one transaction for each asset, specify a nonblank RDD value—using a different format for each asset. In the other transaction for each asset, allow the RDD value to remain blank. Process each transaction to completion. Make note of the respective NSNs, quantities, RDD values, and document numbers. These transactions will be identified as follows:
 - The due-in transaction for **Asset4** with a nonblank RDD value will be known as **Due-In25.**
 - The due-in transaction for **Asset5** with a nonblank RDD value will be known as **Due-In26.**

- The due-in transaction for **Asset6** with a nonblank RDD value will be known as **Due-In27**.
- The due-in transaction for **Asset7** with a nonblank RDD value will be known as **Due-In28**.
- The due-in transaction for **Asset8** with a nonblank RDD value will be known as **Due-In29**.
- The due-in transaction for **Asset9** with a nonblank RDD value will be known as **Due-In30**.
- The due-in transaction for **Asset4** with a blank RDD value will be known as **Due-In31**.
- The due-in transaction for **Asset5** with a blank RDD value will be known as **Due-In32**.
- The due-in transaction for **Asset6** with a blank RDD value will be known as **Due-In33**.
- The due-in transaction for **Asset7** with a blank RDD value will be known as **Due-In34**.
- The due-in transaction for **Asset8** with a blank RDD value will be known as **Due-In35**.
- The due-in transaction for **Asset9** with a blank RDD value will be known as **Due-In36**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the respective Required Delivery Date (RDD) values are accurately reflected in the transaction fields of **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36**.
- Using the Fed/Mil Requisitions and Returns (FEDREQUS) process, specify today's date and batch number zero to update to the next Fed/Mil batch. Process to completion. Examine the output from the batch job. Verify that there are no exceptions directly related to **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the respective Required Delivery Date (RDD) values are accurately reflected in the A0A status records of **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36**.
- Using the Receive Due-In Not-Due-In (DINOTDI) process, specify the respective Fed-Document-Numbers for **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28,**

Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and **Due-In36** to generate Due-In receipts of all quantities ordered.

- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify the receipt transactions for **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35,** and **Due-In36**.
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'A' to add Document Identifier 'FTE' to turn in quantity for each of **Asset1, Asset2,** and **Asset3**. Process to completion. Make note of the respective NSNs, and document numbers. The Turn-In transaction for **Asset1** will be known as **Turn-In1**. The Turn-In transaction for **Asset2** will be known as **Turn-In2**. The Turn-In transaction for **Asset3** will be known as **Turn-In3**.
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'C' to modify the FTE status records for **Turn-In1, Turn-In2,** and **Turn-In3**. Process to completion.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify the turn-in transactions **Turn-In1, Turn-In2,** and **Turn-In3**. Make note of the respective Fed-Document-Numbers.
- Using the Fed/Mil Requisitions and Returns (FEDREQUS) process, specify today's date and batch number zero to update to the next Fed/Mil batch. Process to completion. Examine the output from the batch job. Verify that the Required Delivery Date columns of the Variable Data field are blank in the FTE status records of **Turn-In1, Turn-In2,** and **Turn-In3**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that the Required Delivery Date columns (columns 62-64) are blank in each FTE status record of **Turn-In1, Turn-In2,** and **Turn-In3**.
- Using the Manual Fed/Mil Order Entry (MANFED) process, specify action 'A' and the respective document numbers from **Turn-In1, Turn-In2,** and **Turn-In3** to add FTF, FTC, FTM, FTP, and FTT Fed/Mil status records to each of **Turn-In1, Turn-In2,** and **Turn-In3**.
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify the Required Delivery Date columns (columns 62-64) are blank in each FTF, FTC, FTM, FTP, and FTT status record of **Turn-In1, Turn-In2,** and **Turn-In3**.
- Using the Batch Job Maintenance (BATCHJOB) process, reveal the dataset name of the workfile used in the job named "Transaction Archival" (Job ID: ARCHIVE). Make note of the workfile dataset name and use system utilities to make a backup copy of the workfile dataset to a similarly configured dataset with a unique name. [Note: In the test environment, the workfile dataset is overwritten by each successive use of the Transaction Archival Batch Job (ARCHIVE) process.]
- Using the Transaction Archival Batch Job (ARCHIVE) process, specify the fiscal year of **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24,**

- Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36** to archive all closed transactions from that fiscal year. Process to completion. Examine the output from the batch job. Verify that the batch job output contains no exceptions specifically related to **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, or Due-In36.**
- Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that following archival, **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36** have been deleted from the transaction file.
 - Using the Transactions Restoration from Archv (RESTORE) process, specify the fiscal year of **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36** to restore all archived transactions from that fiscal year. Process to completion. Examine the output from the batch job. Verify that the batch job output contains no exceptions specifically related to **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, or Due-In36.**
 - Using the Monitor Transactions (Multi-Purpose) (MONTRANS) process, verify that **Due-In19, Due-In20, Due-In21, Due-In22, Due-In23, Due-In24, Due-In25, Due-In26, Due-In27, Due-In28, Due-In29, Due-In30, Due-In31, Due-In32, Due-In33, Due-In34, Due-In35, and Due-In36** have been fully restored to the transaction file, and that their transaction fields as well as their Fed/Mil status records accurately reflect their respective Required Delivery Date (RDD) values, as entered/modified.

7. ENHANCEMENT - Part Number Deletion file and Report 1620# - 727

Enable Part Numbers of deleted Catalog records to be stored on the Catalog History file. Allow up to fifty Part Numbers to be recorded.

ACTION – Modify the Add Change Or Delete Catalog Detail (CATADCHG) process and Delete Discontinued Catalog Record (DELDISCA) process, so when a Catalog record is deleted, the associated Part Numbers are updated on the Catalog History file. Create a new report reflecting these deleted Catalog records and their related Part Numbers.

VALIDATION

Add, Change or Delete Catalog Detail

- Using the Add Change Or Delete Catalog Detail (CATADCHG) process, add three Commercial Supply Source Catalog records: one Non-Traceable, one Lot Batch Traceable and one Serial Traceable. Each of these Catalog records should have a LOCAL-NSN of 'N' and DLSC-STATUS of '*'. Each of these Catalog records should have fifty unique part numbers. These Catalog records will be referred to as **Catalog One**, **Catalog Two** and **Catalog Three** respectively.
- Using the Add Change Or Delete Catalog Detail (CATADCHG) process, delete **Catalog One**, delete **Catalog Two** and delete **Catalog Three**.
- Using the Catalog History (CATHIST) process, view in detail each of the three Catalog records deleted. View the Part Numbers of each. Each Catalog record will have two pages of Part Numbers (twenty-five Part Numbers per each page).
- Repeat the above test for Catalog records with Federal Supply Source.
- Repeat the entire test with eight unique Part Numbers.

Delete Discontinued Catalog Record

- Using the Add Change Or Delete Catalog Detail (CATADCHG) process, add three Commercial Supply Source Catalog records: one Non-Traceable, one Lot Batch Traceable and one Serial Traceable. Each of these Catalog records should have a LOCAL-NSN of 'N' and DLSC-STATUS of '*'. Each of these Catalog records should have fifty unique part numbers. These Catalog records will be referred to as **Catalog One**, **Catalog Two** and **Catalog Three** respectively.
- Using the Add Change Or Delete Asset Record (ADCHGAST) process add a Store stock asset for each of the above Catalog records. These assets will be called **Asset One**, **Asset Two** and **Asset Three** respectively.
- Using the Inventory Adjustment (INVADJST) process, increase quantity to each of the three assets.
- Using the Inventory Adjustment (INVADJST) process, decrease quantity making each of the three assets a zero quantity.
- Using the Add Change Or Delete Asset Record (ADCHGAST) process, delete (discontinue) each of the three assets.
- Using the Add Change Or Delete Catalog Detail (CATADCHG) process, delete (discontinue) **Catalog One**, delete (discontinue) **Catalog Two** and delete (discontinue) **Catalog Three**.
- Using the Delete Discontinued Asset Record (DELDISAS) process, enter current date and submit batch job. Run to completion.
- Using the Delete Discontinued Catalog Record (DELDISCA) process, enter current date plus one day and submit batch job. Run to completion.

- Using the Catalog History (CATHIST) process, view in detail each of the above Catalog records deleted. View the Part Numbers of each. Verify the Part Numbers are correct for each Catalog record.
- Repeat the above test for Catalog records with Federal Supply Source.
- Repeat the above test for Program Stock.
- Repeat the above test for Standby Stock.
- Repeat the entire test for eight unique Part Numbers.

Catalog Part Nbr Deleted Report

- Submit the Catalog Part Nbr Deleted Report (CATPTRPT). Verify the Catalog records above appear on the report and that they have the correct Part Numbers.

8. ENHANCEMENT - Add Change Delete Catalog Detail, Environmental Attribute Code (ENAC) Table Maintenance and Headquarters Environmental Protection Agency (EPA) Report 1620 # - 994

Annually Logistics must provide a report to NASA Headquarters for EPA on Environmental Attribute Codes (ENAC) designated comprehensive procurement guidelines as per DOD Table 194 in volume 10. The NASA Supply Management System (NSMS) does not have a tool of identification for reporting these stock items.

ACTION – Add to the catalog a new 2 character field (alpha/numeric) titled ENAC create a catalog table to load the DOD table values. Create a report that will list all receipts for a catalog record with a ENAC code grouping by ENAC code. List generic technical name, stock number, source of supply, purchase order/FEDMIL, qty, total receipt value.

VALIDATION

- Using the ENAC Table Maintenance (ENAC) process, add an entry to the Environmental Attribute Code Table.
- Using the ENAC Table Maintenance (ENAC) process, change an entry to the Environmental Attribute Code Table. Note an ENAC for future use.
- Using the ENAC Table Maintenance (ENAC) process, delete an entry from the Environmental Attribute Code Table. Do not delete all entries.
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record with a commercial supply source. Enter an invalid ENAC (not in the Environmental Attribute Code Table). An error should be returned reflecting “018 – Invalid ENAC – Please re-enter”. Enter a blank ENAC. Process to completion. This record will be known as **Catalog1**.

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record with a commercial supply source and a valid ENAC. Process to completion. This record will be known as **Catalog2**.
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record with a federal supply source and a blank ENAC. Process to completion. This record will be known as **Catalog3**.
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record with a federal supply source and a valid ENAC. Process to completion. This record will be known as **Catalog4**.
- Using the Catalog Scan (CATSCAN) process, verify that the ENAC for **Catalog1**, **Catalog2**, **Catalog3**, and **Catalog4** are accurately reflected on the catalog records.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset, a program stock asset, and a standby stock asset for **Catalog1**. The store stock asset will be known as **Asset1**. The program stock asset will be known as **Asset2**. The standby stock asset will be known as **Asset3**.
- Using the Manual Commercial Due-In (MANCOMDI) process, create a Due-In for **Asset1**, **Asset2**, and **Asset3**. Enter a source document number and a purchase order number for **Asset1**. Process to completion.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset, a program stock asset, and a standby stock asset for **Catalog2**. The store stock asset will be known as **Asset4**. The program stock asset will be known as **Asset5**. The standby stock asset will be known as **Asset6**.
- Using the Manual Commercial Due-In (MANCOMDI) process, create a Due-In for **Asset4**, **Asset5**, and **Asset6**. Process to completion.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset, a program stock asset, and a standby stock asset for **Catalog3**. The store stock asset will be known as **Asset7**. The program stock asset will be known as **Asset8**. The standby stock asset will be known as **Asset9**.
- Using the Manual Fed/Mil Order Entry (MANFED) process, create a Due-In for **Asset7**, **Asset8**, and **Asset9**. Enter a source document number for **Asset7**. Process to completion.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset, a program stock asset, and a standby stock asset for **Catalog4**. The store stock asset will be known as **Asset10**. The program stock asset will be known as **Asset11**. The standby stock asset will be known as **Asset12**.
- Using the Manual Fed/Mil Order Entry (MANFED) process, create a Due-In for **Asset10**, **Asset11**, and **Asset 12**. Process to completion.
- Using the Receive Due-in/Not Due-in (DINOTDI) process, receive quantity for all the assets (**Asset1** through **Asset12**). Process to completion.

- Using the Manual Commercial Due-In (MANCOMDI) process, create a Due-In for **Asset1**. Enter a source document number and a purchase order number for **Asset1**. Process to completion.
- Using the Receive Due-in/Not Due-in (DINOTDI) process, receive quantity for **Asset1**. Process to completion. Note the document number.
- Using the Transaction Reversal (REVTRANS) process, reverse the receipt processed in the step above for **Asset1**. Process to completion.
- Using the Environmental Protection Agency Report (EPARPT) process, submit the batch job. Enter the date the first receipt was created as the start date and the date the last receipt was created as the end date . Verify the transactions on the report are Receipts (RCDI, RCND, or RCJT) with an ENAC. Verify the Purchase Order Numbers and/or the Federal Document Numbers on the Report. Verify the Total Receipt Price per ENAC and the Grand Total Receipt Price for the Report.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add program stock assets for **Catalog5** and **Catalog6**. The asset for **Catalog5** will be known as **Asset13**. The asset for **Catalog6** will be known as **Asset14**.
- Using the Receive Due-in/Not Due-in (DINOTDI) process, receive a quantity of 50 for **Asset13** and **Asset14**. Specify unique trace data combinations (unique inspection report numbers and unique lot/batch numbers or unique serial numbers) appropriate to each asset. Receive the quantity for the 22 org-project combinations as follows: enter a quantity of 2 for 19 different org./project combinations, enter a quantity of 15 for the 20th different org./project combination, enter a quantity of 2 for the 21st and 22nd different org./project combination. Press <enter>. A message should be displayed reflecting the Total Requested is greater than the Increase. Change the quantity of the 20th org-project combination to 2. Press <enter>. A message should be displayed reflecting "Will exceed max asset org/prj". Change the quantity of the 20th org-project combination to 12 and change the quantity of the 21st and 22nd org-project combinations to zero. Press <enter>. Process to completion. Make note of the document number of each receipt transaction.
- Using the Monitor Transaction (MONTRANS) process, verify the receipt-not-due-in (RCND) transactions.
- Using the Asset Scan (SCANASET) process, verify the quantities, org-project information, and trace data on **Asset13** and **Asset14**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add program stock assets for **Catalog5** and **Catalog6**. The asset for **Catalog5** will be known as **Asset15**. The asset for **Catalog6** will be known as **Asset16**.
- Using the Receive Due-in/Not Due-in (DINOTDI) process, receive a quantity of 104 for **Asset15** and **Asset16**. Specify quantities received and unique trace data combinations, allocated as follows among 20 unique org-project combinations and 52 unique trace data combinations: Add 19 unique

org/projects with a unique trace key for each org/project, enter a quantity of 2 for each of the 19 org./project trace key combinations. (This will be a total of 19 records each with a quantity of 2). Add 30 unique trace keys (serial or lot batch) with a quantity of 2 for the same org./project (this will be the 20th org./project with 30 trace records). Add an additional trace record for the same org./project as the org./project just entered (the 20th org-project) with a quantity of 15. (this will be the 50th trace record). Add two additional unique trace keys for the 20th org./project with a quantity of 2. Press <enter>. A message should be returned reflecting "188 - Invalid -> exceeds max selection=50". Change the quantity of the 50th unique trace data combination of each asset to 2. Press <enter>. A message should be returned reflecting "Invalid -> exceeds max selection=50". Change the quantity to 6 for the 50th unique trace data combination of each asset to 6. Change the quantity of both the 51st and 52nd unique trace data combinations of each asset to zero. Press <enter>. Process to completion. Make note of the document number of each receipt transaction.

- Using the Monitor Transaction (MONTRANS) process, verify the receipt-not-due-in (RCND) transactions.
- Using the Asset Scan (SCANASET) process, verify the quantities, org-project information, and trace data on **Asset15** and **Asset16**.

9. ENHANCEMENT - (Convert Trace Code) 1620# - 999

Currently there is no process in NSMS to allow conversion of trace or non-trace Catalog/Asset records. Centers are doing 3 additional transactions against each record to manually accomplish this change. An ISPR to get the qty to zero, one of these: RCND, ADJA, or TINC/TICR to bring the qty back, and then an ADHA to adjust the demand history on the ISPR.

ACTION - Develop a process that would allow the conversion of records. Suggest a new transaction type tying the catalog revision, of trace code change to the asset/trace level that would allow a user to populate the on-hand qty with the needed trace key values and org/project for program stock assets.

Special Notes: When converting non-traceable catalog and asset records to traceable, additional screens will be presented in order to add the trace information for each asset record. When the asset is program stock, the additional screen(s) will be presented for each org/project. There will be a losing and a gaining transaction written to the NS-Transaction file for each asset that is converted. A record will also be captured for the NS-Catalog-History file. Transaction Adjustments and Transaction Reversals will not be allowed for a transaction that occurred before a Trace Code Conversion occurred (example,

process a Receipt, then process a Trace Code Conversion. The receipt can not be adjusted/reversed because it occurred before the Trace Code Conversion.)

VALIDATION

- Using the Add, Change or Delete Catalog Detail (CATADCHG) process, add a non-traceable catalog record. This will be known as **Cat1**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add one store stock and one standby stock asset for **Cat1**. Add one program stock asset with one org./project and one program stock asset with two org./projects. These assets will be known as **Asset1**, **Asset3**, **Asset2A** and **Asset2B** respectively.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity for **Asset1** and **Asset3** by 13. Process to completion.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity for **Asset2A** by 13. Process to completion.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity for **Asset2B** by 26, giving each org/project 13. Process to completion.
- Using the Convert Trace Code (CHGTRACE) process, enter **Cat1** as the NSN. Enter a Change Trace Code To: of 'S' to convert the catalog and asset records to serial traceable. See Special Notes.
- Using the Monitor Transaction (MONTRANS) process, view the losing and gaining Trace Code Conversion (ASTC) transactions. Verify the trace data, and org/project if applicable.
- Using the Asset Scan (SCANASET) process, view the asset. Verify the quantity on-hand is the same as before the conversion. If applicable, verify the trace data, trace quantity and org/project quantity.
- Using the Catalog History Scan (CATHIST) process, verify the Trace Code Conversion (CTRC) transaction.
- Using the Receive Due-In Not Due-In (DINOTDI) process, receive some quantity for **Asset1**. Note the document number of the receipt.
- Using the Transaction Adjustment (TRANSADJ) process, adjust the receipt transaction. The adjustment should not be allowed because the asset is traceable.
- Using the Transaction Reversals (REVTRANS) process, reverse the receipt. Process to completion.
- Using the Receive Due-In Not Due-In (DINOTDI) process, receive some quantity for Asset1. Note the document number of the receipt.
- Using the Convert Trace Code (CHGTRACE) process, enter **Cat1** as the NSN. Enter a Change Trace Code To: of ' ' to convert the catalog and asset records to non-traceable. See Special Notes.
- Using the Transaction Adjustment (TRANSADJ) process, adjust the receipt transaction. The transaction adjustment will not be allowed a Trace Code Conversion has occurred after the receipt.

- Using the Transaction Reversals (REVTRANS) process, reverse the receipt. The transaction reversal will not be allowed a Trace Code Conversion has occurred after the receipt.
- Using the Receive Due-In Not Due-In (DINOTDI) process, receive some quantity for **Asset2B**. Note the document number of the receipt.
- Using the Transaction Adjustment (TRANSADJ) process, adjust the receipt transaction. Process to completion.
- Using the Transaction Reversals (REVTRANS) process, reverse the receipt. Process to completion.
- Using the Receive Due-In Not Due-In (DINOTDI) process, receive some quantity for **Asset2B**. Note the document number of the receipt.
- Using the Convert Trace Code (CHGTRACE) process, enter **Cat1** as the NSN. Enter a Change Trace Code To: of 'S' to convert the catalog and asset records to traceable. Process to completion.
- Using the Transaction Adjustment (TRANSADJ) process, adjust the receipt transaction. The transaction adjustment will not be allowed because of the Trace Code Conversion.
- Using the Transaction Reversals (REVTRANS) process, reverse the receipt. The transaction reversal will not be allowed because of the Trace Code Conversion.
- Repeat this test, converting a catalog and asset records from non-traceable to lot-batch traceable. Start with an non-traceable catalog record. When repeating this test, change from non-traceable to lot-batch traceable and then to non-traceable.
- Repeat this test, converting a catalog and asset records from lot-batch traceable to non-traceable. Start with a lot-batch traceable record. When repeating this test, change from lot-batch traceable to non-traceable and then to lot-batch traceable.

10. PROBLEM - Create Suspended Excess Transaction 1620# - 1004

The Create Suspended Excess transaction process is requiring an expiration date to be entered for a non-shelf life item.

ACTION – Correct the process to require expiration date only for a shelf life item. If an expiration date is entered for a non-shelf life item, validate it and return an error if applicable.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add one catalog record as a non-shelf life item and one catalog record as an extendable shelf life item. The non-shelf life record will be known as **Catalog1**. The shelf life record will be known as **Catalog2**.

- Using the Add, Change or Delete Asset (ADCHGAST) process, add one asset for **Catalog1** and one asset for **Catalog2** as stocked items. The asset for **Catalog1** will be known as **Asset1**. The asset for **Catalog2** will be known as **Asset2**.
- Using the Receive Due-In Not-Due-In (DINOTDI) process, receive quantity of at least 15 each for **Asset1** and **Asset2** as not-due-in, making sure to enter shelf life data for **Asset2**. Process to completion. Make note of the respective quantities and document numbers for each asset.
- Using the Create Suspended Excess Transaction (DISPAST) process, create a suspended excess transaction for **Asset1**. Enter the necessary fields along with a quantity of one and an invalid original expiration date. Press <enter>. A message should be returned reflecting an Invalid expiration date. Change the original expiration date to a valid date. Process to completion.
- Using the Create Suspended Excess Transaction (DISPAST) process, create a suspended excess transaction for **Asset1**. Enter the necessary fields and leave the original expiration date and extended date blank. Process to completion. This transaction will be known as **Excess1**.
- Using the Create Suspended Excess Transaction (DISPAST) process, create a suspended excess transaction for **Asset2**. Enter the necessary fields along with a quantity of one and leave the original expiration date blank. Press <enter>. A message should be returned reflecting the expiration year must be entered. Enter an invalid date for the original expiration date. Press <enter>. A message should be returned reflecting an invalid expiration date. Change the original expiration date to a valid date. Press <enter>. Process to completion.
- Using the Monitor Transaction (Multi-Purpose) (MONTRANS) process, verify the **Excess1** and **Excess2** suspended excess transactions.

11. ENHANCEMENT - (Semi-annual 1324 Report) 1620# - 1007

During a LIMS VITS, there were noted differences between the NSMS and the LIMS 1324 formats. The line items in sections VI, VII, and VIII did not match. Two line items in LIMS section VII were in reverse order and one line item was omitted in section VI.

ACTION – Modify NSMS 1324 lines to match LIMS 1324 lines.

VALIDATION

- Using the Semiannual Report of Supply Operations (NASA13B2) process, execute the batch job to produce the 1324 Report. For the beginning date, type a 'B' next to the report starting date. For the ending date, type an 'E' next to the desired report end date. Specify values for Installation Site and Installation Contact. Submit the batch job. Process to completion.

- Using section 6.1 -Supply Operations of the LIMS Users Guide, verify that the line items information in this section matches in the line items information on the NSMS Semiannual 1324 Report.

APPENDIX D

INSTALLATION INSTRUCTIONS AND CHECKLIST

Introduction

Release information:

System Name: NSMS
Release Number: 6.9.0
Release Date: March 2002
Effective Date: Immediately

In case of installation problems, contact the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center (Use following Key Words: SESAAS & NSMS)

Telephone: (256) 544-6673
Email: pam.leak@msfc.nasa.gov
FAX: (256) 544-1836

The following datasets are located on the transient storage DASD volumes under the following data sets names:

xxMOV.NSMS.R690.R0302.ERR
xxMOV.NSMS.R690.R0302.PRD
xxMOV.NSMS.R690.R0302.SRC
xxMOV.NSMS.R690.R0302.TBL

Where "xx" is replaced by the appropriate NASA Center designation.

AR – ARC
DF - DFRC
GS - GSFC
HQ - HQ
J5 – JSC
KS - KSC
LA – LaRC
LE – GRC (Glenn)
MS - MSFC
SS - SSC

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. A checklist is provided in Section 10.0 to assist in tracking the installation of this release.

- 1.0 Backup Existing Data
- 2.0 Copy Source
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 7.0 Load Natural Error Messages
- 8.0 Perform Release-Specific Procedures
- 9.0 Local JCL Mods
- 8.0 Installation Checklist

1. Backup Existing Data

It is advisable to back up all NSMS files and NATURAL software libraries as a precautionary measure prior to installation.

2. Copy Source

2.1 Load Source Code

Did you backup your Natural software libraries?

Load the NSMS source modifications from the dataset xxMOV.NSMS.R690.R0302.SRC. The source programs were unloaded using the Natural utility NATUNLD. Using NATLOAD, the programs will be loaded to the application library named NSMS, replacing any existing programs of the same name.

It is recommended that you temporarily load the source modifications to an empty library named NSMS. Verify the modules loaded (output from the batch NATLOAD job) against the VDD list of source code modifications. Then using SYSMAN, MOVE the released source code from the library NSMS to either the test or production libraries. The NSMS library should now be empty, ensuring all released software is now in the test or production library.

If your test or production library is named NSMS, you can load the released source code directly into these libraries, if you choose. Verify the modules loaded (output from the batch NATLOAD job) against the VDD list of source code modifications.

When installing this release into production, repeat the above procedures. It is not recommended to copy released modules from test to production. Some modules may be missed or object code may accidentally be copied along with source code. Except in the case of Command Processors (not applicable to most SESAAS applications) **cataloged object code should never be copied from one library to another**. This can cause GDA timestamp errors, or worse, can cause production code to update and corrupt test data, or vice versa. Load only source code and then catalog it to generate the proper version of the cataloged Object code.

The source module counts included in this release are listed below:

Natural Source Modules by Type	
GLOBAL DATA AREA	0
LOCAL/PARAM DATA AREA	39
MAPS	36
HELP ROUTINES	0
SUBROUTINES	24
SUBPROGRAMS	0

PROGRAMS	29
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	128

2.2 List of Source Code Modifications

The following are the modules added, modified and deleted.

Added Modules

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
NSSRASTO	Display Pgm Stock Trace Data	SUB	131
NSDLASTO	Display Pgm Stock Trace Data	LDA	131
NSMFFIN3	Fed/Mil Transaction Exception Report	MAP	691
NSMFFIN4	Fed/Mil Transaction Exception Report	MAP	691
NSSRDCHI	Display Delete Catalog History	SUB	727
NSDLDCHI	Display Delete Catalog History	LDA	727
NSMPDCHI	Display Delete Catalog History	MAP	727
NSMPDCH1	Display Delete Catalog History	MAP	727
NSPRCHIS	Catalog History Listing Report	PGM	727
NSDLCHIS	Catalog History Listing Report	LDA	727
NSMFCHI1	Catalog History Listing Report	MAP	727
NSMFCHI2	Catalog History Listing Report	MAP	727
NSMFCHI3	Catalog History Listing Report	MAP	727
NSPTCHIS	Catalog History Listing Report	PGM	727
NSMHDCHI	Display Delete Catalog History Options	MAP	727
NSPTTENA	ENAC Table Maintenance	PGM	994
NSDLTENA	ENAC Table Maintenance	LDA	994
NSMHTENA	ENAC Table Maintenance	MAP	994
NSMPTENA	ENAC Table Maintenance	MAP	994
UNLDTENA	Reads ENAC Table; Writes to work File	PGM	994
RELDTENA	Reads Work file; Loads Table values	PGM	994
NSPTTRCY	Recycle Code Batch Job Scheduler	PGM	994
NSPRTRCY	Receipt Recycle Code Report	PGM	994
NSDLTRCY	Receipt Recycle Code Report	LDA	994
NSMPTRCY	Receipt Recycle Code Report	MAP	994
NSMHTRCY	Receipt Recycle Code Report	MAP	994
NSMFTRCY	Receipt Recycle Code Report	MAP	994
NSSFTRCY	Receipt Recycle Code Report	PGM	994
NSDLASTO	Org./Project Transfer	LDA	994
NSSRASTO	Org./Project Transfer	SUB	994
NSPTCTRC	Trace Code Conversion	PGM	999
NSPTDSTC	Trace Code Conversion Display	PGM	999
NSDLBNCA	Trace Code Conversion	LDA	999
NSDLDSTC	Trace Code Conversion Display	LDA	999
NSDLCBN2	Trace Code Conversion	LDA	999
NSDLCBN5	Trace Code Conversion	LDA	999
NSDLCTRC	Trace Code Conversion	LDA	999
NSMPCB52	Trace Code Conversion	MAP	999
NSMPCBN2	Trace Code Conversion	MAP	999
NSMPCTRC	Trace Code Conversion	MAP	999
NSMHCTRC	Trace Code Conversion	MAP	999
NSMPDSTC	Trace Code Conversion Display	MAP	999
NSMHDSTC	Trace Code Help Map	MAP	999
NSMPDTR1	Trace Code Conversion Display	MAP	999

NSSRBNCA	Trace Code Conversion	SUB	999
NSSRCATT	Trace Code Conversion	SUB	999
NSSRCB52	Trace Code Conversion	SUB	999
NSSRCB5A	Trace Code Conversion	SUB	999
NSSRCBIN	Trace Code Conversion	SUB	999
NSSRCBN2	Trace Code Conversion	SUB	999
NSSRCTRA	Trace Code Conversion	SUB	999
NSMPCAH2	Catalog Detail Display	MAP	999

Changed Modules

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
NSMPINIT	Initialization	MAP	
NSPTSSIN	Stock Status Inquiry Process	PGM	131
NSDLSSIN	Stock Status Inquiry	LDA	131
NSMPSSIN	Stock Status Inquiry	MAP	131
NSPTSCAN	Asset Scan Process	PGM	131
NSSRINQU	Display Asset Query Records	SUB	131
NSDLINQU	Asset Query Records	LDA	131
NSMPINQ1	Display Detail Asset	MAP	131
NSSRASTR	Display Trace Data	SUB	131
NSDLASTR	Display Trace Data	LDA	131
NSDLAFED	Fed/Mil Requisition Update	LDA	402
NSDLARCR	Restore Transactions from Archive File	LDA	402
NSDLARCV	Transactions Archival	LDA	402
NSDLCDEL	Delete Catalog Detail Record	LDA	402
NSDLDDIF	Display Fed/Mil Due-In Transaction	LDA	402
NSDLFINT	Fed/Mil Requisitions & Excesses	LDA	402
NSDLFMDI	Fed/Mil Order Demand Items	LDA	402
NSDLFMSI	Fed/Mil Order Stock Items	LDA	402
NSMPAFED	Fed/Mil Requisition Update Detail	MAP	402
NSMPCADC	Add, Change, and Delete Catalog Detail	MAP	402
NSMPDDIF	Display FedMil Due-In Trans. Detail	MAP	402
NSMPFMDI	Fed/Mil Order Demand Items Detail	MAP	402
NSMPFMSI	Fed/Mil Order Stock Items Detail	MAP	402
NSPTCADC	Add, Change, and Delete Catalog Detail	PGM	402
NSPTDDIF	Display FedMil Due-In Transaction	PGM	402
NSPUARCR	Restore Transactions from Archive File	PGM	402
NSPUARCV	Transactions Archival	PGM	402
NSPUFINT	FedMil Requisitions & Excesses	PGM	402
NSSRAFED	Fed/Mil Requisition Update	SUB	402
NSSRCDEL	Delete Catalog Detail Record	SUB	402
NSSRFMDI	Fed/Mil Order Demand Items	SUB	402
NSSRFMSI	Fed/Mil Order Stock Items	SUB	402
NSPTRCPT	Receive Due In/Not Due In	PGM	530
NSDLRCPT	Receive Due In/Not Due In	LDA	530
NSDLRCP2	Receive Due In/Not Due In	LDA	530
NSDLRCP3	Receive Due In/Not Due In	PARM	530
NSMPRCP3	Receive Due In/Not Due In	MAP	530
NSSRRCP2	Receive Due In/Not Due In	SUB	530
NSPTSUSR	Susp. Receipts Browse Select	PGM	530
NSDLSUSR	Susp. Receipts Browse Select	LDA	530

NSPTSUS1	Susp. Receipts Browse Select	PGM	530
NSDLSUS1	Susp. Receipts Browse Select	LDA	530
NSDLDDIF	Display Fed/Mil Due-In Transaction	LDA	691
NSDLFINT	Fed/Mil Requisitions & Excesses	LDA	691
NSDLFMDI	Fed/Mil Order Demand Items	LDA	691
NSDLFMSI	Fed/Mil Order Stock Items	LDA	691
NSMPDDIF	Display FedMil Due-In Trans. Detail	MAP	691
NSMPFMDI	Fed/Mil Order Demand Items Detail	MAP	691
NSMPFMSI	Fed/Mil Order Stock Items Detail	MAP	691
NSPTDDIF	Display FedMil Due-In Transaction	PGM	691
NSPTDFMI	Direct FedMil Order	PGM	691
NSPTMFMI	Manual FedMil Order & Return	PGM	691
NSPUFINT	FedMil Requisitions & Excesses	PGM	691
NSSRFMDI	Fed/Mil Order Demand Items	SUB	691
NSSRFMSI	Fed/Mil Order Stock Items	SUB	691
NSDLDSPL	Options Display Window	LDA	704
NSMPDSPL	Options Display Window	MAP	704
NSSRDSPL	Options Display Window	SUB	704
NSMPSHL2	Options Display Window	MAP	704
NSDLRREV	Receipt Reversal	LDA	704
NSSFRREV	Receipt Reversal	PGM	704
NSDLRSHF	Shelf Life Reversal	LDA	704
NSSRRSHF	Shelf Life Reversal	SUB	704
NSDLAFED	Fed/Mil Requisition Update	LDA	723
NSDLARCR	Restore Transactions from Archive File	LDA	723
NSDLARCV	Transactions Archival	LDA	723
NSDLDDIF	Display Fed/Mil Due-In Transaction	LDA	723
NSDLFCRD	Fed/Mil Card Column Layout	LDA	723
NSDLFINT	Fed/Mil Requisitions & Excesses	LDA	723
NSDLFMDI	Fed/Mil Order Demand Items	LDA	723
NSDLFMSI	Fed/Mil Order Stock Items	LDA	723
NSMPAFED	Fed/Mil Requisition Update Detail	MAP	723
NSMPDDIF	Display FedMil Due-In Trans. Detail	MAP	723
NSMPFMDI	Fed/Mil Order Demand Items Detail	MAP	723
NSMPFMSI	Fed/Mil Order Stock Items Detail	MAP	723
NSPTDDIF	Display FedMil Due-In Transaction	PGM	723
NSPUARCR	Restore Transactions from Archive File	PGM	723
NSPUARCV	Transactions Archival	PGM	723
NSPUFINT	FedMil Requisitions & Excesses	PGM	723
NSSRAFED	Fed/Mil Requisition Update	SUB	723
NSSRFMDI	Fed/Mil Order Demand Items	SUB	723
NSSRFMSI	Fed/Mil Order Stock Items	SUB	723
NSSRCDEL	Delete Catalog Detail Record By NSN	SUB	727
NSDLCDEL	Delete Catalog Detail Record By NSN	LDA	727
NSPTCAHI	Catalog History Display	PGM	727
NSDLCAHI	Catalog History Display	LDA	727
NSPUDDCT	Delete Discontinued Catalog Items	PGM	727
NSDLDDCT	Delete Discontinued Catalog Items	LDA	727
NSPTCADC	Add, Change, or Delete Catalog Record	PGM	994
NSDLCADC	Add, Change, or Delete Catalog Record	LDA	994
NSMPCADC	Add, Change, or Delete Catalog Record	MAP	994
NSSRCDEL	Delete Catalog Record	SUB	994

NSDLCDEL	Delete Catalog Record	LDA	994
NSSRCIDD	Catalog Information Display	SUB	994
NSDLCIDD	Catalog Information Display	LDA	994
NSMPCIDD	Catalog Information Display	MAP	994
NSSRBIN5	Program Stock Traceable	SUB	994
NSDLBIN5	Program Stock Traceable	LDA	994
NSPTCONA	Asset Consolidation	PGM	994
NSDLCONA	Asset Consolidation	LDA	994
NSDLASTR	Org./Project Transfer	LDA	994
NSSRASTR	Org./Project Transfer	SUB	994
NSDLORTR	Org./Project Transfer	LDA	994
NSSRORTR	Org./Project Transfer	SUB	994
NSPTRADJ	Transaction Adjustment	PGM	999
NSPTREVS	Transaction Reversal	PGM	999
NSDLREVS	Transaction Reversal	LDA	999
NSDLRADJ	Transaction Adjustment	LDA	999
NSSRADJ2	Trace Code Conversion	SUB	999
NSSRADJ5	Trace Code Conversion	SUB	999
NSSRFCK	Asset Freeze	SUB	999
NSMPRAND	Create Suspended Excess Transaction	MAP	1004
NSPR13B2	NASA 1324 Report Generator	PGM	1007
NSMF13B2	NASA 1324 Report Sections 4,5,6	MAP	1007
NSMF13B3	NASA 1324 Report Sections 7,8	MAP	1007

Deleted Modules

There are no modules to be deleted in this release.

3.0 Pre-Predict Data Conversion

There is no Pre-Predict data conversion for this release.

4.0 Install Predict

4.1 Data Dictionary Changes

Did you backup your NSMS files?

This release will include the new enhancements for version 6.9.0. Details for changes in this release can be found under paragraph 4.1.3 Physical File Changes or by performing PREDICT reporting on the keyword NSMS-6.9.0.

Use SYSDICBE to load the PREDICT modifications from the dataset xxMOV.NSMS.R690.R0302.PRD.

The following NSMS DDM should be generated after the PREDICT load is complete.

NS-CATALOG
NS-CATALOG-HISTORY
NS-TABLES
NS-TRANSACTION

4.1.1 Inventory of Objects

The object types and inventory listed below represent a comprehensive count of the PREDICT object modules for this release.

PREDICT Objects by Type:

Keyword	-	1
Standard Files	-	1
Conceptual Files	-	1
ADABAS Files and Views	-	35

4.1.2 Storage Considerations

The changes represented by this release should not affect storage requirements.

4.1.3 Physical File Changes

Use the ADABAS Utility commands listed below to build the JCL for file changes. The ADADBS control statements can be cut and pasted into the TSO ISPF editor. Call RICK BISHOP (256) 544-5352 with any questions or problems.

Add the following field:

NS-CATALOG-FILE		File # 174							
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*	-	-----	*	-----	-----	*	*	--	*
	1	ENVRMNTL-ATRBT-CODE	A	2.0				BR	N

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=174
ADADBS FNDEF='01,BR,2,A,NU'
/*
```

Add the following fields:

NS-CATALOG-HISTORY-FILE		File # 175							
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*	-	-----	*	-----	-----	*	*	--	*
	1	OLD-TRACE-CODE	A	1.0				AN	N
	1	NEW-TRACE-CODE	A	1.0				AO	N
MU	1	PART-NUMBER	A	32.0	50			AP	N

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=175
ADADBS FNDEF='01,AN,1,A,NU'
ADADBS FNDEF='01,AO,1,A,NU'
ADADBS FNDEF='01,AP,32,A,MU,NU'
/*
```

Add the following fields:

NS-TABLES-FILE		File # 181				
Ty	L	Field ID	F	Length	Occ	D U DB S
*	-	-----	*	-----	-----	* * -- *
	1	ENVRMNTL-ATRBT-CODE	A	2.0		D GF N
	1	ENVRMNTL-ATRBT-DESC-TEXT	A	50.0		GG N

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=181
ADADBS FNDEF='01,GF,2,A,NU,DE'
ADADBS FNDEF='01,GG,50,A,NU'
/*
```

Add the following fields:

NS-TRANSACTION-FILE		File # 182				
Ty	L	Field ID	F	Length	Occ	D U DB S
*	-	-----	*	-----	-----	* * -- *
	1	MAC-CODE	A	2.0		GZ N
	1	FEDMIL-RQRD-DLVRY-DATE	A	3.0		HA N
	1	OLD-TRACE-CODE	A	1.0		HT N
	1	NEW-TRACE-CODE	A	1.0		HU N
PE	1	SHELF-LIFE-ORGNL-EXPRTN-DATA			15	HB
	2	SHELF-LIFE-ORGNL-EXPRTN-DATE	N	8.0		HC N
	2	SHELF-LIFE-ORGNL-EXPRTN-QTY	N	7.0		HD N

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=182
ADADBS FNDEF='01,GZ,2,A,NU'
ADADBS FNDEF='01,HA,3,A,NU'
ADADBS FNDEF='01,HT,1,A,NU'
ADADBS FNDEF='01,HU,1,A,NU'
ADADBS FNDEF='01,HB,PE'
ADADBS FNDEF='02,HC,8,U,NU'
ADADBS FNDEF='02,HD,7,U,NU'
/*
```

5.0 Catalog Source Code

Run a batch job to catalog (CATALL) all modules in the NSMS or other named library. It **IS NOT NECESSARY** to catalog the Global Data Area. The NASA Batch standard parameters should be used for the compile.

After all objects are compiled, the NSMS application will run under the NASA On-line standard parameters.

6.0 Post-Predict Data Conversion

In order to assist in loading the ENAC table, a program has been provided to load the table from a flat file. Execute, in batch, the following program (RELDTENA) before performing any validation testing for CCR 994. Make the necessary changes for the job card, accounting data, Natural Proc and library name.

```

//*****
//STEP01      EXEC N01Z,PRM='IM=D,MT=99999'
//CMWKF01     DD DSN=xxMOV.NSMS.PROD.R690.R0302.TBL,DISP=SHR,
//            DCB=(RECFM=FB,LRECL=52,BLKSIZE=520),
//            UNIT=SYSDA
//CMPRINT     DD SYSOUT=*
//CMSYNIN     DD *
LIBRARY,USERID,PASSWORD
RELDTENA
FIN
/*
//
//*****

```

7.0 Load Natural Error Messages

From the xxMOV.NSMS.PROD.R690.R0302.ERR dataset, load the Natural error messages to the NSMS library using the ERRLODUS utility in the SYSERR library. Verify the number of error messages loaded from the output of the batch ERRLODUS job. If the library named NSMS is not the final destination library, use SYSMAN to move all error messages to the test or production library.

Total Error Messages in this release - 306

8.0 Perform Release-Specific Procedures

There are no release specific procedures for this release.

9.0 Local JCL Mods

There are no local JCL mods for this release.

10.0 Installation Checklist

- 1.0 Backup Existing Data
- 2.1 Load Source Code
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 7.0 Load Natural Error Messages