

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

Release 5.1.0

PrISMS Contract

June 1997



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 5.1.0**

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 5.1.0.

The release has an effective date of June 30, 1997 and is scheduled for implementation by August 14, 1997. Support of the previous release expires on the implementation date of release 5.1.0.

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 5.1.0, including the following:

- Changes implemented since the last release.
- 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, as well as the installation of this release, should be directed to:

Pam Leak at telephone number (205)544-1388 or
by e-mail Pam.Leak@msfc.nasa.gov

Steve Rowell at telephone number (205)544-1452 or
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2. FUNCTIONAL INFORMATION

2.1 FUNCTIONAL CHANGES

This release incorporates Requirement Changes (RCs) approved by the Configuration Control Board (CCB). The Change Control Request (CCR) numbers for the RCs are 235, 355, 726, 744, 792, 867 and 877.

This release incorporates Discrepancy Reports (DRs) 862, 871, 872, 875 and 878.

This release includes the necessary modules to incorporate the RC 817 approved by the Configuration Control Board (CCB). RC 817 allows for Just-In-Time (JIT) processing for NSMS. All modules included in this release associated with JIT should be loaded to the existing NSMS libraries.

1. ENHANCEMENT - (Receive Due-In/Not Due-In) 1620# - 235

Change the receipt process to allow a partial receipt to be processed without the user having to manually calculate the total price of the receipt. Allow the partial quantity, unit price and shipping cost to be entered eliminating the manual calculations.

ACTION - Change the process to calculate the total price of the receipt for a partial receipt.

2. ENHANCEMENT - (TRANSACTION DEFINITION TABLE) 1620# - 355

The Receive Due-in/not Due-In process defaults to an 'N' in the DO YOU WANT TO RELEASE DUE-OUTS field, which results in no due-outs being released during the receipt process. The due-outs must then be manually released, causing a delay for the customer. The receive due-in/not due-in process should require an entry of 'Y' or 'N' in the DO YOU WANT TO RELEASE THE DUE-OUTS field.

ACTION - Change the Transaction Definition Table to allow each site to enter the default options to be used by those processes that allow due-outs to be released automatically. Each process that releases due-outs should have its own default.

3. ENHANCEMENT - (Add Change or Delete Catalog) 1620# - 726

Add a new field (Material Safety Data Sheet) to the Catalog file for use in receipts, issues and reports due to EPA requirements.

ACTION - Add the Material Safety Data Sheet (MSDS) field to the Catalog file.

4. ENHANCEMENT - (PROCESS INVENTORY COUNTS) 1620# - 744

Last inventory date only checks one calendar year in the Inventory Count Process. A wall-to-wall may be scheduled incrementally to ensure all assets are inventoried at least once every five (5) years.

ACTION - Update the program so that the last inventory date check in the inventory counts process checks once every five (5) calendar years.

5. ENHANCEMENT - (CATALOG SCAN, ASSET SCAN, CATALOG HISTORY, CATALOG INQUIRY DRIVER) 1620# - 792

Add PF7 processing to scroll backwards in Catalog Scan, Asset Scan, Catalog History, and Catalog Inquiry Driver.

ACTION - Added PF7 backwards scrolling capabilities to the following processes: Catalog Scan by NSN, Catalog Scan by Manufacturers Part Number, Catalog Scan by Generic Technical Description, Catalog Scan by Technical Generic Description, Asset Scan by NSN, Asset Scan by Part Number, Catalog History Scan by NSN From, Catalog History Scan by NSN To, Catalog Inquiry Scan by Part Number, Catalog Inquiry Scan by Catalog Index, Catalog Inquiry Scan by Generic Name, Catalog Inquiry Scan by Generic Name/Technical Name, Catalog Inquiry Scan by Generic Name/Technical Name/Catalog Index, Catalog Inquiry Scan by Generic Name/Technical Name/Catalog Index/NSN, Catalog Inquiry Scan by AKA Name.

6. PROBLEM - (Monitor Transactions) 1620# - 862

The Monitor Transaction process does not display all of the characters entered in the comments field (seventy-two characters). After entering seventy-two characters in the comments field for a transaction and viewing the transaction in the Monitor Transaction process, only seventy-one characters were displayed in the Monitor Transaction process.

ACTION - Correct the Monitor Transaction (MONTRANS) process to display all the characters that were entered.

7. ENHANCEMENT - (Maintain and Track Quality Sensitive Information, Reserve and Issue Program Stock) 1620# - 867

NSMS does not adequately provide tracking of Quality Sensitive Information (ex. Flight Hardware).

ACTION - Incorporate the necessary changes to implement maintenance and tracking of Quality Sensitive Information. Allow reservation and issue of program stock.

8. PROBLEM - (Consolidation Reversal) 1620# - 871

A reversal of a consolidation for a program stock traceable asset can not be accomplished.

ACTION - Correct process to allow a consolidation of a program stock traceable asset to be reversed.

9. PROBLEM - (Add Change or Delete Asset) 1620# - 872

When a program stock asset is traceable and has more than ten (10) trace records, only the first ten (10) are being displayed.

ACTION - Correct process to display all trace records for a program stock asset

10. PROBLEM - (DLSC Update) 1620# - 875

The DLSC Update process is updating the shelf life code erroneously. When the DLSC shelf life code is blank the catalog shelf life code is being set to blank.

ACTION - Allow a blank in the DLSC shelf life code to bypass updating the Catalog shelf life code.

11. ENHANCEMENT - (Maintain Vendor Minimum Quantity) 1620 # - 877

Need the ability to input vendor minimum quantity when performing any manual issue process for a Just In Time (JIT) asset.

ACTION - In the Issue Manual Due Out and the Create Issue Directive processes add the capability to input vendor minimum quantity for an issue of a JIT asset.

12. PROBLEM - (Catalog Listing Report) 1620# - 878

Change the process to allow the printing of all occurrences of the Index Description and Headers on the Catalog Listing report.

ACTION - Change the Catalog Listing report so that the current limit of forty (40) no longer exists. Allow all occurrences of the Index Description and Headers to be printed on the Catalog Listing Report.

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

No issues of a critical nature are associated with this release.

2.4 AFFECTED DOCUMENTS

The only document affected by this release is the NSMS-UOG-10, NSMS User and Operations Guide (UOG) dated December 24, 1996. The replacement UOG is distributed with this VDD and is effective only upon installation and operational use of this release.

2.5 APPLICATION SYSTEM ADMINISTRATION

Enhancement 817:

1. Add the Building/Route Table Maintenance to the Online Tasks Maintenance (TASKS) in the NS domain with:

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

Enter: Command name: BLDROUTE
Type: TABLE
Title: BUILDING / ROUTE TABLE
Secured: N
Function: blank
Comment: N

2. Add the JIT Order Adjustment to the Online Tasks Maintenance (TASKS) in the NS domain with:

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

Enter: Command name: EDIADJST
Type: EDI
Title: JIT ORDER ADJUSTMENT
Secured: N
Function: blank
Comment: N

3. Add the JIT Receipt Process to the Online Tasks Maintenance (TASKS) in the NS domain with:

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

Enter: Command name: JITRCEC
Type: EDI
Title: JIT RECEIPT PROCESS
Secured: N
Function: blank
Comment: N

4. Add the View DIEC/DIED to the Online Tasks Maintenance (TASKS) in the NS domain with:

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

Enter: Command name: VIEWECED
Type: EDI
Title: VIEW DIEC/DIED
Secured: N
Function: blank
Comment: N

5. Add the Delivery Update to the Online Tasks Maintenance (TASKS) in the NS domain with:

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

Enter: Command name: DLVRYUPD
Type: EDI
Title: Delivery Update
Secured: N
Function: blank
Comment: N

6. Add the JIT Batch Receipt to the Online Tasks Maintenance (TASKS) in the NS domain with:

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

Enter: Command name: JITBTRCP
Type: EDI
Title: JIT BATCH RECEIPT
Secured: N
Function: blank
Comment: N

7. Add the EDI Order Statusing to the Online Tasks Maintenance (TASKS) in the NS domain with:

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

Enter: Command name: ORDRSTAT
Type: EDI
Title: EDI ORDER STATUSING
Secured: N
Function: blank
Comment: N

8. Add the Vendor ID Table Maintenance to the Online Tasks Maintenance (TASKS) in the NS domain with:

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

Enter: Command name: VENDTBL
Type: TABLES
Title: VENDOR ID TABLE MAINTENANCE
Secured: N
Function: blank
Comment: N

9. Add the JIT DLSC CODE UPDATE to the Online Tasks Maintenance (TASKS) in the NS domain with:

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

Enter: Command name: JITDLSC
Type: EDI
Title: JIT DLSC CODE UPDATE
Secured: N
Function: blank
Comment: N

10. Add the VENDOR FAX LIST*** to the Online Tasks Maintenance (TASKS) in the NS domain with:

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

Enter: Command name: FAXLIST
Type: REPORT
Title: VENDOR FAX LIST
Secured: N
Function: blank
Comment: N

*** This is a sample program only.

11. Add the EDI PILOT MAIN MENU to the Online Tasks Maintenance (TASKS) in the NS domain with:

FUNCTION: A
TASK TYPE: M
Task ID: EDMNEDI
Press <enter>

Command name: EDI
Type: MENU
Title: EDI PILOT MAIN MENU
Secured: N
Function: blank
Comment: N

Press <enter> to receive a selection screen.

Select the Building/Route Table Maintenance, JIT Order Adjustment, JIT Receipt, VENDOR fax list***, View DIEC/DIED, JIT Batch Receipt, Delivery Update and EDI Order Statusing processes to be added to the menu.

12. Add the EDI Menu to the appropriate menu using the Online Tasks Maintenance (TASKS) in the NS domain. The name of the main menu is NSMNMAIN.

13. Using the Transaction Definition Table (TRANSDEF) process, add the following transaction types and corresponding display and/or reversal programs:

TRANSACTION TYPE	TRANSACTION DESCRIPTION	DISPLAY PROGRAM	REVERSAL PROGRAM	NAFIS IND	RELEASE DUE-OUTS
DIEC	JIT ORDER	EDPTJDDPA			
DIECA	JIT ORDER ADJUSTMENT	EDPTDAPA			
DIED	JIT DIRECT BUY	EDPTJDDPA			
DIEDA	JIT DIRECT BUY ADJUSTMENT	EDPTDAPA			
RCEC	EDI RECEIPT	EDPTDRPA	EDSFRRCE		
RCECR	EDI RECEIPT REVERSAL	NSSRTMO2			

14. Using the Accounting Data Table Maintenance (ACCTGTBL) process, add the transaction types listed above with the appropriate data.

15. 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.

16. Add the JIT DLSC UPDATE to the Batch Task Maintenance (BATCHTSK) in the NS domain with:

Task ID: EDPUDLPA
Task name: JIT DLSC UPDATE

Parameter Input Module: BLANK
Number of work files: 1
Report ID 1: EDRBDLPA
Report Name: DLSC UPDATE ERRORS
File Number: 1
Report ID 2: EDRBDLPB
Report Name: DLSC UPDATE
File Number: 2

17. Add the JIT DLSC CODE UPDATE to the Batch Job Maintenance (BATCHJOB) in the NS domain with:

Job ID: JITDLSC
Job Name: JIT DLSC CODE UPDATE
Type of scheduling: U (User Initiated)
Type of submission: I (Immediate)
Task ID: EDPUDLPA

Add the appropriate number of copies and output type.

Add the work file as a new data set
//CMWKF01 DD DSN=XXXXXXXXX.EXCEL.SPREAD,DISP=(,KEEP),
// SPACE=(TRK,(10,10),RLSE),UNIT=SYSDA,
// DCB=(RECFM=VB,LRECL=256,BLKSIZE=6233)

then **change** to the statement below after the job has run the first time.
//CMWKF01 DD DSN=XXXXXXXXX.EXCEL.SPREAD,DISP=(OLD,KEEP)

18. Add the EDI Delivery Update to the Batch Task Maintenance (BATCHTSK) in the NS domain with:

Task ID: EDPUDVPA
Task name: EDI DELIVERY UPDATE
Parameter Input Module: BLANK
Number of work files: 0
Report ID 1: EDRBDLBR
Report Name: DELIVERY UPDATE ERROR
File Number: 1
Report ID 2: EDRBDLBS
Report Name: DELIVERY UPDATE
File Number: 2

19. Add the EDI Delivery Update to the Batch Job Maintenance (BATCHJOB) in the NS domain with:

Job ID: DLVRYUPD
Job Name: EDI DELIVERY UPDATE

Type of scheduling: U (User Initiated)
Type of submission: I (Immediate)
Task ID: EDPUDVPA

Add the appropriate number of copies and output type.

20. Add the VENDOR Fax List*** to the Batch Task Maintenance (BATCHTSK) in the NS domain with:

Task ID: EDPUECPA***
Task name: VENDOR Fax List
Parameter Input Module: BLANK
Number of work files: 1
Report ID 1: EDRBECPA
Report Name: VENDOR FAX LIST
File Number: 1
Report ID 2: EDRBECPB
Report Name: NO FAX LIST
File Number: 2

21. Add the VENDOR Fax List*** to the Batch Job Maintenance (BATCHJOB) in the NS domain with:

Job ID: FAXLIST***
Job Name: VENDOR Fax List
Type of scheduling: U (User Initiated)
Type of submission: I (Immediate)
Task ID: EDPUECPA

Add the appropriate number of copies and output type.

Add the work file as a new data set then change to the statement below after the job has run the first time.

```
//CMWKF01 DD DSN=&&TEMP1,UNIT=SYSDA,SPACE=(TRK,(10,10),RLSE)
```

22. Add the EDI ORDER STATUSING to the Batch Task Maintenance (BATCHTSK) in the NS domain with:

Task ID: EDPUORDR
Task name: EDI ORDER STATUSING
Parameter Input Module: BLANK
Number of work files: 2
Report ID 1: EDRBSTAT
Report Name: ORDER STATUS ERROR
File Number: 1

23. Add the EDI ORDER STATUSING to the Batch Job Maintenance (BATCHJOB) in the NS domain with:

Job ID: ORDRSTAT
Job Name: EDI ORDER STATUSING
Type of scheduling: U (User Initiated)
Type of submission: I (Immediate)
Task ID: EDPUORDR

Add the appropriate number of copies and output type.

Add the work files as a new dataset as follows:

```
//CMWKF10 DD DSN=XXXXXXXXX.ITEM.STATUS,  
// UNIT=SYSDA,SPACE=(TRK,(10,10),RLSE),  
// DISP=(,KEEP),DCB=(RECFM=FB,LRECL=186,BLKSIZE=1860)  
//CMWKF11 DD DSN=XXXXXXXXX.ITEM.DLVRY,  
// UNIT=SYSDA,SPACE=(TRK,(10,10),RLSE),  
// DISP=(,KEEP),DCB=(RECFM=FB,LRECL=43,BLKSIZE=4300)
```

Add the following statements to the execution JCL for this job:

```
//STEP0010 EXEC PGM=IEFBR14  
//OUTPUT DD DSN=THNSMS.ITEM.STATUS,DISP=(OLD,DELETE,KEEP)  
//STEP0020 EXEC PGM=IEFBR14  
//OUTPUT DD DSN=THNSMS.ITEM.DLVRY,DISP=(OLD,DELETE,KEEP)  
// EXEC PMDTEST,PRM='INTENS=3,MT=0'  
//CMPRINT DD SYSOUT=*  
//CMSYNIN DD *  
NSMSTEST,NSBATCH  
NSBATCH  
***Change PMDTEST to the appropriate CLIST executed at the center.***  
***Change NSMSTEST to the appropriate library at the center.***  
***Change NSBATCH to the appropriate user, password at the center.***
```

24. Add the JIT BATCH RECEIPTS to the Batch Task Maintenance (BATCHTSK) in the NS domain with:

Task ID: EDPURCEC
Task name: JIT BATCH RECEIPTS
Parameter Input Module: BLANK
Number of work files: 0
Report ID 1: EDRBRCER
Report Name: BATCH RECEIPT ERROR
File Number: 1

25. Add the JIT BATCH RECEIPTS to the Batch Job Maintenance (BATCHJOB) in the NS domain with:

Job ID:	JITBTRCP
Job Name:	JIT BATCH RECEIPTS
Type of scheduling:	U (User Initiated)
Type of submission:	I (Immediate)
Task ID:	EDPURCEC

Add the appropriate number of copies and output type.

26. 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.

Enhancement 867:

1. Access the Online Tasks Maintenance (TASKS) process to add the Quality Code Criteria Table Maintenance.

Enter : FUNCTION	= A
TASK TYPE	= P
TASK ID	= NSPTTFLH

Press <ENTER>.

Enter: COMMAND NAME	= QCCTABLE
TYPE	= TABLES
TITLE	= QUALITY CODE CRITERIA TABLE
STATUS	= blank
SECURED	= N
FUNCTION	= blank
COMMENT	= Y or N

2. Use the (TASKS) process to change the Commodity Manager Tables menu (NSMNMNTBL) and add the Quality Code Criteria Table process.
3. Access the Online Tasks Maintenance (TASKS) process, add the Reservation of Program Stock and the Issue of Reserved Stock Processes.

Enter : FUNCTION	= A
TASK TYPE	= P
TASK ID	= NSPTRSPS

Press <ENTER>.

Enter: COMMAND NAME = RESERVE
 TYPE = ISSUE
 TITLE = RESERVATION OF PROGRAM STOCK
 STATUS = blank
 SECURED = N
 FUNCTION = blank
 COMMENT = Y or N

Enter : FUNCTION = A
 TASK TYPE = P
 TASK ID = NSPTISRS
 Press <ENTER>.

Enter: COMMAND NAME = ISSUERSV
 TYPE = ISSUE
 TITLE = ISSUE OF RESERVED STOCK
 STATUS = blank
 SECURED = N
 FUNCTION = blank
 COMMENT = Y or N

2. Use the (TASKS) process to change the Issue Menu (NSMNISSUE) and add the Reservation of Program Stock and Issue of Reserved Stock processes.
3. Using the Transaction Definition Table (TRANSDEF), add the following transaction records:

TRANSACTION TYPE	TRANSACTION	DESCRIPTION	DISPLAY PROGRAM	REVERSAL PROGRAM	NAFIS IND	RELEASE DUE-OUTS
ISRS	ISSUE OF RESERVED PROGRAM STCK		NSPTDIRS	NSPTRRIR		
ISRSR	ISSUE OF RESERVE REVERSAL		NSSRTMO2			
RSPS	RESERVATION OF PROGRAM STOCK		NSPTDRPS			
RSPSA	RESERVATION ADJUSTMENT		NSPTDRSA			

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

This release will include the new enhancements for version 5.1.0. Details for changes in this release can be found under Appendix D, paragraph 3.4.4 Installation Procedures.

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 5.1.0 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 know or open problems related to this release.

APPENDIX A

LIST OF ACRONYMS

CCB	Configuration Control Board
CCR	Change Control Request
HQ	Headquarters
JIT	Just-In-Time
NASA	National Aeronautics and Space Administration
NDM	Network Data Mover
NSMS	NASA Supply Management System
NSN	National Stock Number
RC	Requirements Change
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 - (Receive Due-In/Not Due-In) 1620# - 235

Change the receipt process to allow a partial receipt to be processed without the user having to manually calculate the total price of the receipt. Allow the partial quantity, unit price and shipping cost to be entered eliminating the manual calculations.

ACTION - Change the process to calculate the total price of the receipt for a partial receipt.

VALIDATION

- Using the Catalog Scan (CATSCAN) process, select a commercial catalog record.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a store stock asset.
- Using the Manual Commercial Due In (MANCOMDI) process, add a due-in for the asset added in the previous step with a quantity of ten (10) and a price of one hundred dollars (\$100.00). Enter a source document number and a purchase order number.
- Using the Receive Due-In Not Due-In (DINOTDI) process, receive the due-in with the quantity of six (6), shipping cost of twenty five dollars (\$25.00) and price of six hundred dollars (\$600.00). Note the document number of the receipt.
- Using the Asset Scan (SCANASET) process, verify the asset quantity is six (6), the total price is six hundred dollars (\$600.00) and the average price is one hundred dollars (\$100.00).
- Using the Monitor Transaction (MONTRANS) process, verify the receipt (RCDI) transaction has a quantity of six (6), a price of six hundred dollars (\$600.00) and a shipping cost of twenty five dollars (\$25.00).
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a store stock asset.
- Using the Manual Commercial Due In (MANCOMDI) process, add a due-in for the asset added in the previous step with a quantity of ten (10) and a price of one hundred dollars (\$100.00). Enter a source document number and a purchase order number.
- Using the Receive Due-In Not Due-In (DINOTDI) process, receive the due-in with the quantity of six (6), shipping cost of twenty five dollars (\$25.00) and unit price of one hundred dollars (\$100.00). Note the document number of the receipt.

- Using the Asset Scan (SCANASET) process, verify the asset quantity is six (6), the total price is six hundred twenty five dollars (\$625.00) and the average price is one hundred four dollars and one thousand six hundred sixty seven ten-thousandths (\$104.1667).
- Using the Monitor Transaction (MONTRANS) process, verify the receipt (RCDI) transaction has a quantity of six (6), a price of six hundred twenty five dollars (\$625.00) and a shipping cost of twenty five dollars (\$25.00).

2. ENHANCEMENT - (TRANSACTION DEFINITION TABLE) 1620# - 355

The Receive Due-in/not Due-In process defaults to an 'N' in the DO YOU WANT TO RELEASE DUE-OUTS field, which results in no due-outs being released during the receipt process. The due-outs must then be manually released, causing a delay for the customer. The receive due-in/not due-in process should require an entry of 'Y' or 'N' in the DO YOU WANT TO RELEASE THE DUE-OUTS field.

ACTION - Change the Transaction Definition Table to allow each site to enter the default options to be used by those processes that allow due-outs to be released automatically. Each process that releases due-outs should have its own default.

VALIDATION

- Using the Transaction Definition Table (TRANSDEF) process, enter 'Y' in the Release Due Out field for the following transaction types: ACON, ADAA, ADJA, AFRZ, ATRN, CONS, ISDR, RCDI, RCND, TICR, TINC, TINCR.
- Using the Asset Scan (SCANASET) process, select a store stock asset with quantity on hand.
- Using the Create Manual Due Out (MANUALDO) process, create a due out for the asset chosen above.
- Using the Freeze/Unfreeze Asset (FRZASSET) process, enter a 'Y' to freeze the asset. Verify the 'DO YOU WANT TO RELEASE DUE OUTS' field is not defaulted to 'Y.' The asset should be frozen and no due outs should be released.
- Using the Freeze/Unfreeze Asset (FRZASSET) process, enter a 'U' to unfreeze the asset. Process to completion. Verify the 'DO YOU WANT TO RELEASE DUE OUTS' field is defaulted to 'Y'. The due out should be released.
- Using the Reverse Transaction (REVTRANS) process, reverse the due out release (ISDR) transaction.
- Using the Receive Due-in/Not Due-In (DINOTDI) process, receive some quantity for the asset. Verify the 'RELEASE DUE OUTS' field is defaulted to 'Y'. Process to completion. The due out should be released.

- Using the Reverse Transaction (REVTRANS) process, reverse the due out release (ISDR) transaction.
- Using the Inventory Adjustment (INVADJST) process, increase the asset by one (1). Verify the 'DO YOU WANT TO RELEASE DUE OUTS' field is defaulted to 'Y'. Process to completion. The due out should be released.
- Using the Reverse Transaction (REVTRANS) process, reverse the due out release (ISDR) transaction.
- Using the Receive Turn-In For Credit/No Credit (TURNIN) process, turn in a quantity of one (1) for the asset. Verify the 'RELEASE DUE OUTS' field is defaulted to 'Y'. Process to completion. The due out should be released.
- Using the Reverse Transaction (REVTRANS) process, reverse the due out release (ISDR) transaction.
- Using the Asset Scan (SCANASET) process, select two assets (different NSNs and the same stock status code and stock ownership) to be used for consolidation. These assets must have the same units of issue and one of the assets should have quantity on-hand. The asset with the quantity on-hand should have a due-out. Using the Consolidate Asset (CONSLAST) process, consolidate the assets. Verify the 'RELEASE DUE OUTS' field is defaulted to 'Y'. Process to completion. The due out should be released.
- Using the Reverse Transaction (REVTRANS) process, reverse the due out release (ISDR) transaction.
- Using the Asset Scan (SCANASET) process, select two assets with the same NSN and a combination of the same/different stock status code or stock ownership (i.e., the same stock status code and different ownership). These assets must have the same units of issue, and one of the assets must have quantity on hand. The asset that will be transferred into should have a due-out. Using the Transfer Asset (TRANSAST) process, transfer quantity from the asset with quantity to the other asset. Verify the 'DO YOU WANT TO RELEASE DUE-OUTS' field is defaulted to 'Y'. Process to completion. The due out should be released.
- Using the Reverse Transaction (REVTRANS) process, reverse the due out release (ISDR) transaction.
- Using the Inventory Adjustment Create Trans (INVADJCR) process, select a transaction by entering 'X' in the select column and press <enter>. Enter an adjustment reason and press <enter>. Verify the 'ENTER A 'Y' TO RELEASE DUE OUT'S' field is defaulted to 'Y'. Process to completion. The due out should be released.
- Using the Reverse Transaction (REVTRANS) process, reverse the due out release (ISDR) transaction.
- Using the Suspended Receipts Browse Select (BROWSRCT) process, select a transaction by entering an 'R' in the select column and press <enter>. The process will display the record chosen. Verify the 'RELEASE DUE-OUTS'

field is defaulted to 'Y'. Process to completion. The due out should be released.

3. ENHANCEMENT - (Add Change or Delete Catalog) 1620# - 726

Add a new field (Material Safety Data Sheet) to the Catalog file for use in receipts, issues and reports due to EPA requirements.

ACTION - Add the Material Safety Data Sheet (MSDS) field to the Catalog file.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a NSN with a commercial supply source, either a lot/batch or serial traceable item, enter the material safety data sheet and the other necessary information. Process to completion.
- Using the Catalog Scan (CATSCAN) process, verify the material safety data sheet information entered for the catalog record created previously being displayed.

4. ENHANCEMENT - (PROCESS INVENTORY COUNTS) 1620# - 744

Last inventory date only checks one calendar year in the Inventory Count Process. A wall-to-wall may be scheduled incrementally to ensure all assets are inventoried at least once every five (5) years.

ACTION - Update the program so that the last inventory date check in the inventory counts process checks once every five (5) calendar years.

VALIDATION

- Using the Asset Scan (SCANASET) process, select several assets with quantity on hand with less than five years for the date inventory and have a bin.
- Using the Process Inventory Counts (INVCTSMM) process, build an inventory control record (option 1 with run-id, and the inventory type). Enter the assets chosen and enter a date in the five year date field. Process to completion.
- Produce the Bin Location Report (option 2). Process to completion.
- Build the inventory lot (option 3). Process to completion.
- Execute the Warehouse Data Collection Report (option 4).
- Process the Warehouse Counts (option 5). Process to completion.
- Submit the final adjustment (option 7). Process to completion.
- Review the reports to see if the inventory was made on the assets that were entered to be inventoried.

- Using the Scan Inventory Counts (SCANINV) process, select the run-id that were entered for the assets. Verify the five (5) year inventory date check that was entered for the assets are being displayed.

5. ENHANCEMENT - (CATALOG SCAN, ASSET SCAN, CATALOG HISTORY, CATALOG INQUIRY DRIVER) 1620# - 792

Add PF7 processing to scroll backwards in Catalog Scan, Asset Scan, Catalog History, and Catalog Inquiry Driver.

ACTION - Added PF7 backwards scrolling capabilities to the following processes: Catalog Scan by NSN, Catalog Scan by Manufacturers Part Number, Catalog Scan by Generic Technical Description, Catalog Scan by Technical Generic Description, Asset Scan by NSN, Asset Scan by Part Number, Catalog History Scan by NSN From, Catalog History Scan by NSN To, Catalog Inquiry Scan by Part Number, Catalog Inquiry Scan by Catalog Index, Catalog Inquiry Scan by Generic Name, Catalog Inquiry Scan by Generic Name/Technical Name, Catalog Inquiry Scan by Generic Name/Technical Name/Catalog Index, Catalog Inquiry Scan by Generic Name/Technical Name/Catalog Index/NSN, Catalog Inquiry Scan by AKA Name.

VALIDATION

- Using the Catalog Scan (CATSCAN) process, press <ENTER> several times then press PF7 to view the backwards scrolling process.
- Using the Catalog Scan (CATSCAN) process, enter 1 in SEARCH VALUE, press <ENTER> several times, then press PF7 to view the backwards scrolling process.
- Using the Catalog Scan (CATSCAN) process, enter 2 in SEARCH VALUE, press <ENTER> several times then press PF7 to view the backwards scrolling process.
- Using the Catalog Scan (CATSCAN) process, enter 3 in SEARCH VALUE, press <ENTER> several times then press PF7 to view the backwards scrolling process.
- Using the Catalog Scan (CATSCAN) process, enter 4 in SEARCH VALUE, press <ENTER> several times then press PF7 to view the backwards scrolling process.
- Using the Asset Scan (SCANASET) process, press <ENTER> several times then press PF7 to view the backwards scrolling process.
- Using the Asset Scan (SCANASET) process, enter Part Number in SEARCH FOR PART NUMBER, press <ENTER> . When Scan by NSN for Part Number displays, press <ENTER> several times then press PF7 to view the backwards scrolling process.

- Using the Catalog History (CATHIST) process, press <ENTER> several times then press PF7 to view the backwards scrolling process.
- Using the Catalog History (CATHIST) process, enter NSN in SEARCH FOR NSN TO, press <ENTER> several times then press PF7 to view the backwards scrolling process.
- Using the Catalog Inquiry Driver (CINQDVR) process, enter Part Number in PART NUMBER. Press <ENTER> . When Part Number Scan displays, press <ENTER> several times then press PF7 to view the backwards scrolling process.
- Using the Catalog Inquiry Driver (CINQDVR) process, enter Catalog Index in CATALOG INDEX . Press <ENTER> . When Catalog Index Scan displays, press <ENTER> several times then press PF7 to view the backwards scrolling process.
- Using the Catalog Inquiry Driver (CINQDVR) process, enter Generic Name in GENERIC NAME. Press <ENTER> . When Generic Name Scan displays, press <ENTER> several times then press PF7 to view the backwards scrolling process. Select line number of record to process and enter number in ENTER NO. of TECHNICAL NAME IF ADDITIONAL CATALOG DETAIL IS DESIRED. Press <ENTER>. When Generic/Technical Name Scan display, press <ENTER> several times then press PF7 to view the backwards scrolling process. Select line number of record to process and enter number in ENTER NO. of INDEX IF ADDITIONAL CATALOG DETAIL IS DESIRED. Press <ENTER>. When Generic/Technical/Index Scan displays, press <ENTER> several times then press PF7 to view the backwards scrolling process.
- Using the Catalog Inquiry Driver (CINQDVR) process, enter AKA Name in AKA NAME. Press <ENTER> . When AKA Name Scan displays, press <ENTER> several times then press PF7 to view the backwards scrolling process.

6. PROBLEM - (Monitor Transactions) 1620# - 862

The Monitor Transaction process does not display all of the characters entered in the comments field (seventy-two characters). After entering seventy-two characters in the comments field for a transaction and viewing the transaction in the Monitor Transaction process, only seventy-one characters were displayed in the Monitor Transaction process.

ACTION - Correct the Monitor Transaction (MONTRANS) process to display all the characters that were entered.

VALIDATION

- Using the Asset Scan (SCANASET) process, select a store stock asset for use in the Inventory Analysis process.
- Using the Inventory Adjustment Initiate (INVADJIN) process, enter the asset that was chosen above. Enter the necessary fields to create the adjustment transaction (ADAA). Enter a full line of characters in the Analysis of Cause of Discrepancy and corrective action fields and 'Y' in the completed field. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, verify that all characters entered for the comments in the previous step are displayed.
- Using the Inventory I/M Analysis (INVADJIM) process, select the transaction created previously by entering 'X' in the first column and press <enter>. Press PF8 to get to next screen of data. Add a full line of characters in the comments field and complete this stage of analysis by entering 'Y' in the completed field. Process to completion.
- Using the Inventory Approval LVL 1 (INVADJA1) process, select the transaction created previously by entering 'X' in the first column and press <enter>. Press PF8 to get to the next screen of data. Add a full line of characters in the comments field and complete this stage of the analysis by entering 'Y' in the approved field. Process to completion.
- Using the Inventory Approval LVL 2 (INVADJA2) process, select the transaction created previously by entering an 'X' in the first column and press <enter>. Press PF8 to get to the next screen of data. Add a full line of characters in the comments field and complete this stage of the analysis by entering 'Y' in the approved field. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, verify that all characters entered for the comments in the previous steps are displayed.
- Using the Inventory Adjustment (INVADJST) process, adjust the asset that was chosen above. Enter the appropriate information and 'Y' in the Do You Want To Add Comments field. Enter a full line of characters in the comments field. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, verify that all characters entered for the comments in the previous step are displayed.

7. ENHANCEMENT - (Maintain and Track Quality Sensitive Information, Reserve and Issue Program Stock) 1620# - 867

NSMS does not adequately provide tracking of Quality Sensitive Information (ex. Flight Hardware).

ACTION - Incorporate the necessary changes to implement maintenance and tracking of Quality Sensitive Information. Allow reservation and issue of program stock.

A. Quality Criteria Code Table Maintenance

A new Table Maintenance process is needed to create Quality Criteria Codes for quality sensitive data. Create a process to add, update, delete and view the Quality Criteria Codes in the Table Maintenance.

ACTION - Add the new Quality Criteria Code Table Maintenance to add, update, delete and view the quality criteria codes.

VALIDATION

- Using the Quality Criteria Code Table Maintenance (QCCTABLE) process, add three (3) quality criteria codes with descriptions. Process to completion.
- Change one of the quality criteria codes. Process to completion.
- Delete one of the quality criteria codes. Process to completion.
- View one of the quality criteria codes. Process to completion.

B. Catalog

New fields needed to be added to the Catalog file for the quality sensitive data.

ACTION - Added the fields (part weight, and part weight UOM code) to the Catalog (NS-CATALOG) file.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a NSN with a commercial supply source, either a lot/batch or serial traceable item, enter the part weight, part weight UOM and other necessary information. Press enter and a pop-up window will be displayed enter a 'P' to update manufacturer part info enter. Add another part number, cage code, part weight and part weight UOM to the catalog record. Process to completion.
- Using the Catalog Scan (CATSCAN) process, verify the part weight and part weight UOM entered for the catalog record created previously are being displayed. Enter a '1' in the Action field to display the Prt-Info and press <enter>. Press <enter> and PF4 to return the Catalog Scan screen.

C. Add, Change or Delete Asset

Change the process to maintain the quality sensitive data in the Add, Change or Delete Asset process.

ACTION - Change the Add, Change or Delete Asset process to accommodate the quality sensitive data in the asset traceable file.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a commercial traceable record. Enter a part number, cage code, part weight and part weight unit of measure.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a program stock asset for the catalog record created above. Add a quality code to the asset.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of the asset by ten (10). Enter five traceable records for the asset giving each record a quantity of two(2).
- Using the Quality Code Criteria (QCCTABLE) process, add a quality code criteria record.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, update the asset traceable data. Choose the option to update the trace data (option 2) and enter a 'Y' in the quality sensitive field (QS), a screen will be presented to enter quality sensitive data. Enter a part number and cage code from the catalog record added, a date manufactured, an inspection report number of IRN11111, a bin id and a quality sensitive code. Process to completion.

D. Asset Scan and Stock Status Inquiry

Provide tracking for Quality Sensitive Data.

ACTION - Add the capability to view the quantity available and the quality sensitive data to the asset scan process, and the capability to view the quantity available to the stock status inquiry process.

VALIDATION

- Using the Reservation of Program Stock (RESERVE) process, reserve some quantity for the traceable asset created previously. Process to completion.
- Using the Add Change or Delete Asset (ADCHGAST) process, change the asset that was created previously and press <enter> to apply the updates. A pop-up window will be displayed with options available. Enter option (2) to update the trace data. Enter a 'Y' in the quality sensitive field and press <enter> to receive the screen to enter quality sensitive data. Process to completion. Enter 'X' to exit.
- Using the Asset Scan (SCANASET) process, verify the quantity available is on the Asset Scan Inquiry screen by selecting the traceable asset that was created previously. Verify that the quantity available equals the quantity on hand minus the reserved quantity. Press <enter>. A pop-up window will be displayed. Enter option '6' to view the trace data and press <enter>. Enter a 'Y' in the QS field to verify the asset has Quality sensitive data. (**Note:** If the asset is not Quality sensitive a 'Y' cannot be entered in the QS field.) Process to completion.

- Using the Stock Status Inquiry (STOCKINQ) process, enter the asset created previously. Verify that the quantity available equals the quantity on hand minus the reserved quantity. Process to completion.

E. Receive Due-In/Not Due-In

Change the process that maintains the trace data information to accommodate maintaining quality sensitive data and the inspection and analysis report number. Change the receipt display process to display the inspection and analysis report number.

ACTION - Change the process that maintains the traceable data to capture quality sensitive data. Change the display process to display the inspection and analysis report number.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a commercial lot traceable record. Enter a part number, cage code, part weight and part weight unit of measure.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a program stock asset for the catalog record created above. Add a quality code to the asset.
- Using the Manual Commercial Due-In (MANCOMDI) process, create a manual commercial due-in with a quantity of ten (10) and a price of one hundred dollars (\$100.00) and assign a purchase order and source document number for the asset created above.
- Using the Quality Code Criteria (QCCTABLE) process, add a quality code criteria record.
- Using the Receive Due-In/Not Due-In (DINOTDI) process, add a receipt with a quantity of ten(10) and price of one hundred dollars (\$100.00) for the asset. Enter a unique Inspection and Analysis Report Number when the suspense screen is displayed and process to completion. The receipt will be suspended due to the asset having a quality code.
- Using the Suspended Receipts Browse Select (BROWSRCT) process, release the suspended receipt. Accept a quantity of ten (10). Process the receipt. The trace screen will appear for entry of the trace data. Enter five (5) trace records with a quantity of two (2) for each record and enter a 'Y' in the first quality sensitive (QS) field and press <enter>. A screen will appear for entry of quality sensitive data. Enter at least one of the fields and process the transaction to completion.
- Using the Monitor Transaction (MONTRANS) process, view the detail of the receipt transaction. View the trace data and the quality sensitive information

for the transaction. Verify the receipt has the inspection and analysis report number.

- Using the Scan Asset (SCANASET) process, view the asset, the trace data and the quality sensitive information for the asset.
- Repeat this test for a serial traceable item.
- Repeat this test for a receipt not due in.

F. Monitor Transaction

Allow quality sensitive data to be entered to be displayed from the Monitor Transaction (MONTRANS) process.

ACTION - Added a quality sensitive (QS) field to allow quality sensitive data to be displayed for a transaction.

VALIDATION

- Using the Add Change Delete Catalog Detail (CATADCHG) process, add an NSN with a commercial supply source and with either lot/batch or serial traceable. Process to completion.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a program stock asset for the catalog record created in the previous step. Process to completion.
- Using the Inventory Adjustment (INVADJST) process, add some quantity to the traceable asset created in the previous step. Process to completion.
- Using the Add Change or Delete Asset (ADCHGAST) process, change the asset that was created previously and press <enter> to apply the updates. A pop-up window will be displayed with options available, enter option (2) to update the trace data. Enter a 'Y' in the quality sensitive (QS) field and press <enter> to receive the screen to enter quality sensitive data. Enter data in one or more fields and process to completion. Enter 'X' to exit and process to completion.
- Using the Inventory Adjustment (INVADJST) process, add some quantity to the traceable asset created in the previous step. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, select the Inventory Adjustment (ADJA) transaction from the previous step and press <enter> until the options pop-up window appears. Choose the option (3) to view the BIN/ORG PRJ/TRACE. Verify the quality sensitive data can be displayed.

G. RESERVE PROGRAM STOCK

Need a process to allow reservation of program stock assets.

ACTION - Add processing to create reservation of program stock (RSPS) transactions. The process allows a reservation transaction to be created for a quantity up to the total asset available quantity available. Asset available quantity equals asset quantity minus asset reserved quantity.

VALIDATION

- Using the Site Parameter Table (SITEPARM) process, ensure the Update Bin Quantity Indicator is set to "N".
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add an NSN with a Commercial Supply Source. Make it a Lot/Batch traceable Catalog record. Enter a Part Wt (Part Weight) and UOM (Unit of Measure).
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a Program Stock Asset for the Catalog record.
- Using the Inventory Adjustment (INVADJST) process, add a quantity of ten (10) to the Asset record.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, change the Trace Data for the Asset. Enter option (2) to update the Trace Data records. Enter a total quantity of ten (10) to the Trace Data records. Enter a 'Y' in the Quality Sensitive (QS) field and press <enter> to receive the Quality Sensitive data screen. A screen will be displayed for each of the Trace Data records with the "Y" in the "QS" column. Enter the Part Number, Cage Code (from the Catalog record) and a unique Inspection Report Number. Observe that Part Weight and Unit of Measure will automatically be filled. When finished enter "X" in the "Enter 'X' To Exit" field. Process to completion.
- Using the Reservation of Program Stock (RESERVE) process, enter the NSN, Stock Status, and Stock Ownership of the Asset. Enter five (5) in the Quantity for the Asset. Enter Unit of Issue and Customer Id. Press <enter>. Enter 'P' to continue processing and receive the Trace Data screen. Enter a total Reserve Quantity of five (5) to the Trace Data records. Enter a 'Y' in the Quality Sensitive (QS) fields available. Press <enter> to receive the Quality Sensitive data screen. View the Quality Sensitive information. Press <enter> to process to completion.
- Using the Asset Scan (SCANASET) process, verify that the Asset has a Quantity On Hand of ten (10) and a Quantity Available of five (5). Verify the quantities on the Trace Data records by viewing Display Options option 6- View Trace Data.
- Repeat the above steps for a serial traceable item.

H. ISSUE RESERVED PROGRAM STOCK

Need process to allow Reserved Program Stock to be issued to the customer.

ACTION - Add a process to issue program stock that has been reserved

VALIDATION

- Using the Site Parameter Table (SITEPARM) process, ensure the Update Bin Quantity Indicator is set to "N".
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a Lot/Batch traceable Catalog record. Enter a Part Wt (Part Weight) and UOM (Unit Of Measure).
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a Program Stock Asset for the Lot/Batch traceable Catalog record.
- Using the Inventory Adjustment (INVADJST) process, increase the Quantity on the Asset by twelve (12). Set up four different Lot/Batch Trace Data records with a quantity of three (3) each.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, enter "C" for Change to the Asset. Enter Option two (2) to Update Trace Data. Enter a "Y" in the "QS" column for at least two (2) traceable items. A separate screen will be displayed for each of the Traceable items with the "Y" in the "QS" column. Enter the Part Number, Cage Code (from the Catalog record) and a unique Inspection Report Number and process to completion. Observe that Part Weight and Unit Of Measure will automatically be filled. When finished enter "X" in the "Enter 'X' To Exit" field.
- Using the Reservation of Program Stock (RESERVE) process, reserve a quantity of eight (8) for the Asset, select 'P' to process. View Trace Data will appear. Reserve two (2) on each line item of the Trace Data.
- Using the Asset Scan (SCANASET) process, verify that the asset has a Quantity On Hand of twelve (12) and a Quantity Available of four (4). Verify the quantities by viewing Display Options option 6- To View Trace Data.
- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, enter the National Stock Number of the asset reserved. Press <ENTER> to receive a selection screen. Select the correct record with an "I" to process the issue. Issue a quantity of six (6) for the above asset, select 'P' to process. Trace Data will appear. Issue a total quantity of six (6) on various line items of the Trace Data.
- Using the Asset Scan (SCANASET) process, verify that the asset has a Quantity On Hand of six (6) and a Quantity Available of four (4). Verify the quantities by viewing Display Options option 6- To View Trace Data. Repeat steps one (1) through ten (10) for Serial Number traceable.

I. ADJUSTMENT TO RESERVED PROGRAM STOCK

Need Process to allow for adjustments to a Reservation of Program Stock transaction.

ACTION - Add process to create Adjustments to Reserved Program Stock (RSPSA) transactions which adjusts quantity open on a Reservation of Program Stock (RSPS) transaction. Adjustments may only be made which decrease the quantity open on the RSPS transaction.

VALIDATION

- Using the Site Parameter Table (SITEPARM) process, ensure the Update Bin Quantity Indicator is set to "N".
- Using the Add Change Or Delete Catalog Detail (CATADCHG) process, add a Lot/Batch traceable Catalog record. Enter a Part Wt (Part Weight) and UOM (Unit Of Measure).
- Using the Add, Change Or Delete Asset (ADCHGAST) process, add a Program Stock Asset for the Lot/Batch traceable Catalog record.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity on the Asset by four (4). Set up four different Lot/Batch Trace Data records with a quantity of one (1) each.
- Using the Add, Change Or Delete Asset (ADCHGAST) process, enter "C" to change the Asset. Enter Option two (2) to Update Trace Data. Enter a "Y" in the "QS" column for at least two (2) Trace Data records. A separate screen will be displayed for each of the Trace Data record with the "Y" in the "QS" column. Enter the Part Number, Cage Code (from the Catalog record) and a unique Inspection Report Number and press <enter>. Observe that Part Weight and Unit Of Measure will automatically be filled. Process to completion. When finished enter "X" in the "Enter 'X' To Exit" field.
- Using the Reservation of Program Stock (RESERVE) process, reserve a quantity of three (3) for the Asset.
- Using the Asset Scan (SCANASET) process, verify that the Asset has a Quantity on Hand of four (4) and a Quantity Available of one (1). Verify the quantities of the Trace Data records and the Quality Sensitive information by viewing Display Options option 6- To View Trace Data.
- Using Monitor Transaction (Multi-Purpose) (MONTRANS) process, verify each transaction created has the correct Trace Data records and Quality Sensitive information.
- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, enter the National Stock Number of the asset reserved. Press <enter> to receive a selection screen. Select the correct record with an "A" to process the adjustment. Adjust a quantity of three (3) for the above asset. Press <enter>. Select 'P' to process and press <enter>. The Trace Data screen

will appear. Enter a total issue quantity of three (3) on various Trace Data records. Process to completion.

- Using the Asset Scan (SCANASET) process, verify that the Asset has a Quantity on Hand of four (4) and a Quantity Available of one (4). Verify the quantities of the Trace Data records and the Quality Sensitive information by viewing Display Options option 6- To View Trace Data. Repeat steps one (1) through ten (10) for Serial Number traceable.

J. REVERSE ISSUED RESERVED PROGRAM STOCK

Need process to allow reversal of Issued Reserved Program Stock.

ACTION - Add processing to Reverse Transactions (REVTRANS) process to allow creation of Reversal of Issued Reserved Program Stock (ISRSR) transactions.

VALIDATION

- Using the Site Parameter Table (SITEPARM) process, ensure the Update Bin Quantity Indicator is set to "N".
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a Lot/Batch traceable Catalog record. Enter a Part Wt (Part Weight) and UOM (Unit Of Measure).
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a program stock asset for the Lot/Batch traceable Catalog record.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity on the above asset by twelve (12). Set up four different Lot/Batch Trace Data records with a quantity of three (3) each.
- Using the Add, Change or Delete Asset (ADCHGAST) process, enter "C" for Change to the Asset created in step three (3). Enter Option two (2) to Update Trace Data. Enter a "Y" in the "QS" column for at least two (2) Trace Data records. A separate screen will be displayed for each of the Trace Data records with the "Y" in the "QS" column. Enter the Part Number, Cage Code (from the Catalog record) and a unique Inspection Report Number and process to completion. Observe that Part Weight and Unit Of Measure will automatically be filled. When finished enter "X" in the "Enter 'X' To Exit" field.
- Using the Reservation of Program Stock (RESERVE) process, reserve a quantity of eight (8) for the above asset and press <enter>. Enter 'P' to continue processing. The Trace Screen will appear for entry of the trace data. Reserve a quantity of two (2) on each Trace Data record.
- Using Monitor Transactions (MONTRANS) process, verify the Reserve of Program Stock (RSPS) transaction created has the correct trace information.

- Using the Asset Scan (SCANASET) process, verify that the asset has a Quantity On Hand of twelve (12) and a Quantity Available of four (4). Verify Trace Data record quantities by viewing Display Options option 6- To View Trace Data.
- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, press <enter> for the selection screen to appear, select the reserved transaction with an "I" and press <enter>. The Issue/Adjust Reserved Stock screen will appear. Issue a quantity of six (6) for the above asset and press <enter>. Enter 'P' and press <enter> to issue the reserved transaction. The Trace Data screen will appear. Issue a total quantity of six (6) on various Lot/Batch Trace Data records and process to completion.
- Using Monitor Transactions (MONTRANS) process, verify the Issue Reserve of Program Stock (ISRS) transaction created has the correct Trace Data quantities and quality sensitive information.
- Using the Asset Scan (SCANASET) process, verify that the asset has a Quantity On Hand of six (6) and a Quantity Available of four (4). Verify the Trace Data quantities and quality sensitive information by viewing Display Options option 6- To View Trace Data.
- Using the Transaction Reversal (REVTRANS) process, enter the document number of the Issue Reserve of Program Stock (ISRS) transaction to be reversed. Press <enter>. The Asset key and transaction type will display. Reply 'Y' to process to completion.
- Using the Asset Scan (SCANASET) process, verify that the asset has a Quantity On Hand of twelve (12) and a Quantity Available of four (4). Verify the quantities, trace data, and quality sensitive data by viewing Display Options option 6- To View Trace Data.
- Repeat steps one (1) through thirteen (13) for Serial Number traceable.

K. Monitor Transaction

The Monitor Transaction (MONTRANS) process needs to allow for displaying of the reserve, an issue of reserved program stock and adjustments of the reserve transactions.

ACTION - Create new display programs for displaying reservation, issue of reservation, and reservation adjustment transactions.

VALIDATION

- Using the Monitor Transaction (MONTRANS) process, verify the Reservation of Program Stock (RSPS) transaction created previously. View the detail of the transaction.
- Using the Monitor Transaction (MONTRANS) process, verify the Reserved Stock Issue (ISRS) transaction created previously. View the detail of the transaction.

- Using the Monitor Transaction (MONTRANS) process, verify the Reservation Adjustment (RSPSA) transaction created previously. View the detail of the transaction.

L. Manual Commercial Due-In

The Manual Commercial Due-In process needs to allow for (Quality Criteria Codes To Buy To) to be added when creating a due-in.

ACTION - Added the field (QCC Codes To Buy To) to allow for entry of Quality Criteria Code To Buy To.

VALIDATION

- Using the Asset Scan (SCANASET) process, select an asset with quantity on hand. If preferable, add an asset using the Add, Change or Delete Asset (ADCHGAST) process.
- Using the Quality Criteria Code Table Maintenance (QCCTABLE) process, add three (3) quality criteria codes with descriptions. Process to completion.
- Using the Manual Commercial Due-In (MANCOMDI) process, add a Due-In Stock (DISC) transaction. Enter the necessary data and enter yes ('Y') for the QCC Codes To Buy To and press <enter>. Enter one of the quality criteria codes that was added previously and press <enter>. Process to completion.
- Using the Manual Commercial Due-In (MANCOMDI) process, change a Due-In Stock (DISC) transaction. Enter the necessary data and enter yes ('Y') for the QCC Codes to Buy to and press <enter>. Enter one of the quality criteria codes that was added previously and press <enter>. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, select the Due-In Stock (DISC) transaction that was created previously. Verify that the Quality Criteria Code(s) To Buy To entered previously are displayed. Process to completion.
- Using the Manual Commercial Due-In (MANCOMDI) process, delete a Due-In Stock (DISC) transaction. Process to completion.
- Using the Commercial Order Demand Items (CODIRECT) process, add a Due-Out Direct Buy (DODR) transaction. Enter the necessary data and enter ('Y') for the QCC Codes To Buy To and press <enter>. Enter one of the quality criteria codes that was added previously and press <enter>. Process to completion.
- Using the Commercial Order Demand Items (CODIRECT) process, change a Due-Out Direct Buy (DODR) transaction. Enter the necessary data and enter ('Y') for the QCC Codes To Buy To and press <enter>. Enter one of the quality criteria codes that was added previously and press <enter>. Process to completion.

- Using the Monitor Transaction (MONTRANS) process, select the Due-Out Direct Buy (DODR) transaction that was created previously. Verify that the Quality Criteria Code(s) To Buy To entered previously are being displayed. Process to completion.
- Using the Commercial Order Demand Items (CODIRECT) process, delete a Due-Out Direct Buy (DODR) transaction. Process to completion.

M. Inventory Adjustment

Change the process to allow only the quantity available (asset Quantity On Hand minus reserved quantity) to be reduced.

ACTION - Change the Inventory Adjustment process to allow only the reduction of quantity available.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a commercial Lot/Batch traceable record. Enter a part number, cage code, part weight and part weight unit of measure.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a program stock asset for the catalog record created above. Add a quality code to the asset.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of the asset by ten (10). Enter five traceable records for the asset giving each record a quantity of two(2).
- Using the Quality Code Criteria (QCCTABLE) process, add a quality code criteria record.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, update the asset traceable data. Choose the option to update the trace data (option 2) and enter a 'Y' in the quality sensitive field (QS), a screen will be presented to enter quality sensitive data. Enter a part number and cage code from the catalog record added, a date manufactured, an inspection report number of IRN11111, a bin id and a quality sensitive code. Process to completion.
- Using the Reservation Of Program Stock (RESERVE) process, reserve a quantity of five (5), one (1) from each of the traceable records.
- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand is ten (10), Quantity Available is five (5), and the Traceable information can be viewed and is correct.
- Using the Inventory Adjustment (INVADJST) process, decrease the quantity available by five (5), one (1) from each of the traceable records.
- Using the Asset Scan process, verify the Quantity On Hand is five (5), Quantity Available is zero (0), and the Traceable information can be viewed and is correct.

- Using the Monitor Transaction (MONTRANS) process, verify the transactions (“RSPS” and “ADJA”) created have viewable traceable data, and that this data is correct.
- Repeat the above steps with Serial Number Traceable.

N. Inventory Adjustment Analysis

Change the process to allow only the quantity available (asset Quantity On Hand minus reserved quantity) to be reduced.

ACTION - Change the Inventory Adjustment process to allow only the reduction of quantity available.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a commercial Lot/Batch traceable record. Enter a part number, cage code, part weight and part weight unit of measure.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a program stock asset for the catalog record created above. Add a quality code to the asset.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of the asset by ten (10). Enter five traceable records for the asset giving each record a quantity of two(2).
- Using the Quality Code Criteria (QCCTABLE) process, add a quality code criteria record.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, update the asset traceable data. Choose the option to update the trace data (option 2) and enter a ‘Y’ in the quality sensitive field (QS), a screen will be presented to enter quality sensitive data. Enter a part number and cage code from the catalog record added, a date manufactured, an inspection report number of IRN11111, a bin id and a quality sensitive code. Process to completion.
- Using the Reservation Of Program Stock (RESERVE) process, reserve a quantity of five (5), one (1) from each of the traceable records.
- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand is ten (10), Quantity Available is five (5), and the Traceable information can be viewed and is correct.
- Using the Inventory Adjustment Menu (INVADJAP) process, select the first option, Inventory Adjustment Initiate and enter the Stock Number, Stock Status, Ownership, decrease by five (5), Analysis Of Cause Of Discrepancy, Corrective Action and “Y” in Completed. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, observe two (2) transactions were created (“ADAA” for minus five (-5) and “AFRZ” for zero (0)).

- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand is ten (10), Quantity Available is five (5), and the Traceable information can be viewed and is correct.
- Using the Inventory Adjustment Menu process, process option three (3) through option six (6) for the above record.
- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand is five (5), Quantity Available is zero (0), and the Traceable information can be viewed and is correct.
- Using the Monitor Transaction (MONTRANS) process, observe one (1) transaction was created (“ADJA” for minus five (-5)). Confirm traceable information is correct.
- Repeat the above steps for Serial Number Traceable.

O. Turn In For No Credit Reversal

Change the process to allow only the quantity available (asset Quantity On Hand minus reserved quantity) to be reversed out.

ACTION - Change the Turn In For No Credit Reversal process to allow only the reversal of quantity available.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a commercial Lot/Batch traceable record. Enter a part number, cage code, part weight and part weight unit of measure.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a program stock asset for the catalog record created above. Add a quality code to the asset.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of the asset by ten (10). Enter five unique traceable records for the asset giving each record a quantity of two (2).
- Using the Quality Code Criteria (QCCTABLE) process, add a quality code criteria record.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, update the asset traceable data. Choose the option to update the trace data (option 2) and enter a ‘Y’ in the quality sensitive field (QS), a screen will be presented to enter quality sensitive data. Enter a part number and cage code from the catalog record added, a date manufactured, an inspection report number of IRN11111, a bin id and a quality sensitive code. Process to completion.
- Using the Reservation Of Program Stock (RESERVE) process, reserve a quantity of five (5), one (1) from each traceable record.
- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand is ten (10), Quantity Available is five (5), and the Traceable information can be viewed and is correct.

- Using the Create Issue Directive (ISSUEPRE) process, issue five (5), one (1) from each Traceable record.
- Using the Monitor Transaction (MONTRANS) process, verify the transactions and Traceable information created thus far to be correct.
- Using the Asset Scan process, verify the Quantity On Hand is five (5), Quantity Available is zero (0), and the Traceable information can be viewed and is correct.
- Using the Receive Turn-In For Credit / No Credit (TURNIN) process, receive a Turn-In Quantity of five (5), one (1) for each Traceable record.
- Using the Monitor Transaction process, verify a Turn-In For No Credit transaction (TINC) was created for five (5). Verify Traceable information and record the Document Number for later use.
- Using the Asset Scan process, verify the Quantity On Hand is ten (10), Quantity Available is five (5), and the Traceable information can be viewed and is correct (each record should have two (2) in Quantity and one (1) in Quantity Available).
- Using the Transaction Reversals (REVTRANS) process, enter the Document Number of the Turn-In For No Credit previously created. Process to completion.
- Using the Monitor Transaction process, verify a Turn-In For No Credit Reversal transaction (TINCR) was created for a minus five (-5). Verify Traceable information has one (1) in each of the five (5) records.
- Using the Asset Scan process, verify the Quantity On Hand is five (5), Quantity Available is zero (0), and the Traceable information can be viewed and is correct (each record should have one (1) in Quantity and zero (0) in Quantity Available).
- Repeat the above steps for Serial Number Traceable.

P. Consolidate Asset

Change the process to allow only assets with a reserve quantity of zero to be consolidated into another asset.

ACTION - Change the Consolidate Asset process to allow only those assets without a reserve quantity to be consolidated into another asset. The receiving asset may have a reserve quantity.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add two commercial Lot/Batch traceable records. Enter a part number, cage code, part weight and part weight unit of measure.

- Using the Add, Change, or Delete Asset (ADCHGAST) process, add two (2) program stock assets with the same Unit of Issue, Stock Status and Ownership for the catalog records created above. Add a quality code to the assets. The first asset will be referred to as “From” and the second asset will be referred to as “To”.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of the “To” asset by ten (10). Enter five unique traceable records for the asset giving each record a quantity of two (2).
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of the “From” asset by five (5). Enter five unique traceable records for the asset giving each record a quantity of one (1).
- Using the Quality Code Criteria (QCCTABLE) process, add a quality code criteria record to each of the assets.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, update the asset traceable data for each of the two assets. Choose the option to update the trace data (option 2) and enter a ‘Y’ in the quality sensitive field (QS), a screen will be presented to enter quality sensitive data. Enter a part number and cage code from the catalog record added, a date manufactured, an inspection report number of IRN11111, a bin id and a quality sensitive code. Process to completion.
- Using the Reservation Of Program Stock (RESERVE) process, reserve a quantity of five (5), one (1) from each of the traceable records for the “To” asset.
- Using the Asset Scan (SCANASET) process, verify the “To” asset has the following: a Quantity On Hand of ten (10), a Quantity Available of five (5), and correct / viewable Traceable information.
- Using the Asset Scan process, verify the “From” asset has the following: a Quantity On Hand of five (5), a Quantity Available of five (5), and correct / viewable Traceable information.
- Using the Consolidate Asset (CONSLAST) process, consolidate the “From” asset with the “To” asset.
- Using the Monitor Transaction (MONTRANS) process, verify two (2) Consolidate transactions (one gaining and one losing) were created and the traceable information is correct. Verify all other transactions created in this test are correct and have viewable / correct Trace information.
- Using the Asset Scan (SCANASET) process, verify the “From” asset no longer exists.
- Using the Asset Scan process, verify the “To” asset now has a Quantity On Hand of fifteen (15), a Quantity Available of ten (10), and correct / viewable Traceable information.
- Repeat the above steps for Serial Number Traceable.

Q. Create Issue Directive

Change the process to allow only the quantity available (asset Quantity On Hand minus reserved quantity) to be issued.

ACTION - Change the Create Issue Directive process to allow only the issue of quantity available.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a commercial Lot/Batch traceable record. Enter a part number, cage code, part weight and part weight unit of measure.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a program stock asset for the catalog record created above. Add a quality code to the asset.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of the asset by ten (10). Enter five (5) traceable records for the asset giving each record a quantity of two (2).
- Using the Quality Code Criteria (QCCTABLE) process, add a quality code criteria record.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, update the asset traceable data. Choose the option to update the trace data (option 2) and enter a 'Y' in the quality sensitive field (QS), a screen will be presented to enter quality sensitive data. Enter a part number and cage code from the catalog record added, a date manufactured, an inspection report number of IRN11111, a bin id and a quality sensitive code. Process to completion.
- Using the Reservation Of Program Stock (RESERVE) process, reserve a quantity of five (5), one (1) from each of the traceable records.
- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand is ten (10), Quantity Available is five (5), and the Traceable information can be viewed and is correct.
- Using the Create Issue Directive (ISSUEPRE) process, decrement the quantity available by five (5), one (1) from each of the traceable records.
- Using the Asset Scan process, verify the Quantity On Hand is five (5), Quantity Available is zero (0), and the Traceable information can be viewed and is correct.
- Using the Monitor Transaction (MONTRANS) process, verify the transactions ("RSPS" and "ISPR") created have viewable traceable data, and that this data is correct.
- Repeat the above steps with Serial Number Traceable.

R. Create Suspended Excess Transaction

Change the process to allow only the quantity available (asset Quantity On Hand minus reserved quantity) to be transferred to excess.

ACTION - Change the Create Suspended Excess Transaction process to allow only the excess of quantity available.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a commercial Lot/Batch traceable record. Enter a part number, cage code, part weight and part weight unit of measure.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a program stock asset for the catalog record created above. Add a quality code to the asset.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of the asset by ten (10). Enter five (5) traceable records for the asset giving each record a quantity of two (2).
- Using the Quality Code Criteria (QCCTABLE) process, add a quality code criteria record.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, update the asset traceable data. Choose the option to update the trace data (option 2) and enter a 'Y' in the quality sensitive field (QS), a screen will be presented to enter quality sensitive data. Enter a part number and cage code from the catalog record added, a date manufactured, an inspection report number of IRN11111, a bin id and a quality sensitive code. Process to completion.
- Using the Reservation Of Program Stock (RESERVE) process, reserve a quantity of five (5), one (1) from each of the traceable records.
- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand is ten (10), Quantity Available is five (5), and the Traceable information can be viewed and is correct.
- Using the Create Suspended Excess Transaction (DISPAST) process, excess five (5) to disposal. An "AXSS" transaction will be generated for a minus five (-5).
- Using the Monitor Transaction (MONTRANS) process, verify the transactions above have the correct traceable information.
- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand is five (5), Quantity Available is zero (0), Traceable information can be viewed and is correct.
- Repeat the above steps for Serial Number Traceable.

S. Adjust Excess Disposal Transaction

Change the process to allow only the quantity available (asset Quantity On Hand minus reserved quantity) to be adjusted.

ACTION - Change the Adjust Excess Disposal Transaction process to allow only the adjustment of quantity available.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a commercial Lot/Batch traceable record. Enter a part number, cage code, part weight and part weight unit of measure.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a program stock asset for the catalog record created above. Add a quality code to the asset.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of the asset by ten (10). Enter five (5) traceable records for the asset giving each record a quantity of two(2).
- Using the Quality Code Criteria (QCCTABLE) process, add a quality code criteria record.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, update the asset traceable data. Choose the option to update the trace data (option 2) and enter a 'Y' in the quality sensitive field (QS), a screen will be presented to enter quality sensitive data. Enter a part number and cage code from the catalog record added, a date manufactured, an inspection report number of IRN11111, a bin id and a quality sensitive code. Process to completion.
- Using the Reservation Of Program Stock (RESERVE) process, reserve a quantity of five (5), one (1) from each of the traceable records.
- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand is ten (10), Quantity Available is five (5), and the Traceable information can be viewed and is correct.
- Using the Create Suspended Excess Transaction (DISPAST) process, excess three (3) to disposal. An "AXSS" transaction will be generated for a minus three (-3).
- Using the Monitor Transaction (MONTRANS) process, verify the transactions above have the correct traceable information.
- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand is seven (7), Quantity Available is two (2), Traceable information can be viewed and is correct.
- Using the Create NPDMS Interface (NPDMSINT) process, submit the batch job to place the excess information on the NPDMS (NASA Property Disposal Management System) interface file. Process to completion.
- Using ad hoc, NSNPDMS2, enter the Document Number of the Suspended Excess transaction (AXSS) to change the record type to two (2).
- Using ad hoc, NSNPDMS4, enter the Document Number of the Suspended Excess transaction (AXSS) to change the record type to four (4). Process the item as an Overage with a quantity of five (5). Process to completion.
- Using the Create Excess Disposal Transaction (NPDMSUPD), submit the batch job to create the Excess Disposal transaction(s) (AXCS). The specific record you submitted should have created an AXCS for a minus three (-3).

- Using the Adjust Excess Disposal Transaction (XCADJUST) process, enter the Document Number of the AXCS transaction and enter in the “Increase By” two (2). Process to completion.
- Using the Monitor Transaction (MONTRANS) process, verify an Adjust Excess Disposal Transaction (AXCSA) was created for a minus two (-2). Verify that the transaction has the correct traceable information.
- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand is five (5), Quantity Available is zero (0), Traceable information can be viewed and is correct.
- Repeat the above steps for Serial Number Traceable.

8. PROBLEM - (Consolidation Reversal) 1620# - 871

A reversal of a consolidation for a program stock traceable asset can not be accomplished.

ACTION - Correct process to allow a consolidation of a program stock traceable asset to be reversed.

VALIDATION

- Using the Add, Change, or Delete Catalog (CATADCHG) process, add two (2) traceable commercial catalog records.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add two (2) program stock traceable assets with the same unit of issue. These assets will be referred to as Asset 1 and Asset 2.
- Using the Inventory Adjustment (INVADJUST) process, increase the quantity of Asset 1 by ten (10). Assign ten (10) lot/batch or serial numbers to the asset giving each trace record a quantity of one (1).
- Using the Consolidate Asset (CONSLAST) process, consolidate Asset 1 into Asset 2.
- Using the Monitor Transaction (MONTRANS) process, view the detail of the transactions. Verify there are ten (10) entries of trace data with a quantity of one (1).
- Using the Transaction Reversals (REVTRANS) process, reverse the consolidation.
- Using the Monitor Transaction (MONTRANS) process, view the detail of the transactions. Verify there are ten (10) entries of trace data with a quantity of one (1).
- Using the Asset Scan (SCANASET) process, view the detail for Asset 1. There should be ten (10) trace records with a quantity of one (1) each. Asset 2 should have a quantity of zero (0) and no trace records.

9. PROBLEM - (Add Change or Delete Asset) 1620# - 872

When a program stock asset is traceable and has more than ten (10) trace records, only the first ten (10) are being displayed.

ACTION - Correct process to display all trace records for a program stock asset.

VALIDATION

- Using the Add, Change, or Delete Catalog (CATADCHG) process, add a traceable commercial catalog record.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a program stock asset.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of the asset by twenty (20). Assign twenty (20) lot/batch or serial numbers to the asset giving each trace record a quantity of one (1).
- Using the Add, Change or Delete Asset (ADCHGAST), change the trace data for the asset. Choose option two (2) to update the trace data and press <enter>. The first ten (10) trace records will be displayed. Press <enter> to view the next ten (10) trace records. Enter a trace key to search by. The screen will be displayed starting with the search value entered or the next trace record if no trace record exists for the search value entered. Process to completion.

10. PROBLEM - (DLSC Update) 1620# - 875

The DLSC Update process is updating the shelf life code erroneously. When the DLSC shelf life code is blank the catalog shelf life code is being set to blank.

ACTION - Allow a blank in the DLSC shelf life code to bypass updating the Catalog shelf life code.

VALIDATION

- Use the Add, Change, or Delete Catalog (CATADCHG) process to change the shelf life code of a catalog record to an asterisk (*).
- Using the input file of the DLSC Update process, change/add the shelf life code of the asset chosen above to a value other than an asterisk (*), an '0' or an 'O'. The shelf life code is on the 'H' segment column fifty-three (53). Run the DLSC Update (DLSCUPD) process. Verify the asset is on the DLSC Exception report.
- Using the Catalog Scan process (CATSCAN) process, verify the shelf life code on the asset is still an asterisk (*).

- Using the input file of the DLSC Update process, change/add the shelf life code of the asset chosen above to a blank. The shelf life code is on the 'H' segment column fifty-three (53). Run the DLSC Update (DLSCUPD) process. Verify the asset is on the DLSC Exception report.
- Using the Catalog Scan process (CATSCAN) process, verify the shelf life code on the asset is still an asterisk (*).

11. ENHANCEMENT - (EDI Minimum Vendor Quantity) 1620# - 877

Change the Create Issue Directive and Issue Manual Due Out processes to allow the entry of Electronic Data Interchange (EDI) Minimum Vendor Quantity only for Just In Time (JIT) assets to be issued.

ACTION - Change the Create Issue Directive and Issue Manual Due Out processes to allow only the entry of EDI Minimum Vendor Quantity during the process of issuing JIT assets.

VALIDATION

- Using the Site Parameter Table (SITEPARM) process, ensure the Update Bin Quantity Indicator is set to "N".
- Using the Add, Change Or Delete Catalog (CATADCHG) process, add a non-traceable commercial catalog records. Add Part Number, Part Weight, and Unit of Measure.
- Using the Add, Change Or Delete Asset (ADCHGAST) process, add a JIT asset. Ensure the Supply Type Code equal 'E'.
- Using the Create Issue Directive (ISSUEPRE) process, attempt issuing a quantity of ten (10) for the asset created.
- A pop-up window will display titled EDI Minimum Vendor Qty. "Enter Minimum Quantity to Deliver, Press Enter to Continue" will display. The Quantity defaults to the quantity requested of ten (10).
- Change quantity in the Minimum to Deliver field to five (5). Press <enter> to continue.
- Continue process to completion.
- Using the Monitor Transaction (Multi-Purpose) (MONTRANS) process. View the "DIEC" transaction created from the issue request. Ten (10) will display in the Quantity field and five (5) will display in the EDI Minimum Vendor Qty field.
- Using the Issue Manual Due Out (MANUALDO) process, attempt to issue a quantity of ten (10) for the same asset.
- A pop-up window will display titled EDI Minimum Vendor Qty. "Enter Minimum Quantity to Deliver, Press Enter to Continue". The Quantity defaults to ten (10).

- Change quantity in the Minimum to Deliver field to five (5). Press <enter> to continue.
- Continue process to completion.
- Using the Monitor Transaction (Multi-Purpose) (MONTRANS) process. View the "DIEC" transaction created from the issue request. Ten (10) will display in the quantity field and five (5) will display in the MIN VNDR QTY field.

12. PROBLEM - (Catalog Listing Report) 1620# - 878

Change the process to allow the printing of all occurrences of the Index Description and Headers on the Catalog Listing report.

ACTION - Change the Catalog Listing report so that the current limit of forty (40) no longer exists. Allow all occurrences of the Index Description and Headers to be printed on the Catalog Listing Report.

VALIDATION

- Using the Maintain Index Number (INDXNUMB) process, add two new Catalog Index Numbers. Add sixty (60) unique Index Description and Header entries for each of these records. Sixty (60) is the maximum number of Index Description and Headers the maintenance process will allow.
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a Catalog record. Enter Cage code, part weight and part weight unit of measure.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a store stock asset for each of the catalog records created above. Using the Inventory Adjustment (INVADJST) process, increase the quantity of the asset by ten (10).
- Using the Catalog Listing (CATGLIST) process, submit to run the batch job report. Run to completion.
- Review the report, verifying the Catalog Listing reflects the sixty (60) unique Index Descriptions and sixty (60) unique Headers for each of the selected Catalog Index numbers.

Appendix D - INSTALLATION INSTRUCTIONS AND CHECKLIST

Introduction

Release information:

System Name: NSMS
Release Number: 5.1.0
Release Date: June 1997
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: (205) 544-6673
Email: pam.leak@msfc.nasa.gov
FAX: (205) 544-1836

The following datasets are located on the NASA Central Distribution Facility as NASA data sets:

· **AIMS.NSMS.PROD.REL510.REL0697.DOC**

VOLUME = site determined
ORG = PO
RECFM = FB
LRECL = 80
BLKSIZE = 23440
TRKS = 3

· **AIMS.NSMS.PROD.REL510.REL0697.ERR**

VOLUME = site determined
ORG = PS
RECFM = VB
LRECL = 5004
BLKSIZE = 5008
TRKS = 1

· **AIMS.NSMS.PROD.REL510.REL0697.PRD**

VOLUME = site determined
ORG = PS
RECFM = VB
LRECL = 4624
BLKSIZE = 4628
TRKS = 212

AIMS.NSMS.PROD.REL510.REL0697.SRC

VOLUME	=	site determined
ORG	=	PS
RECFM	=	VB
LRECL	=	4624
BLKSIZE	=	4628
TRKS	=	150

These datasets are located on the Central Bulletin Board and have allocation requirements based on a 3390 disk drive.

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 9.0 to assist in tracking the installation of this release.

- 1.0 Back Up Existing Data
- 2.0 Copy Source/Object Code
- 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
- 10.0 Installation Checklist

1.0 Back Up Existing Data

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

2.0 Copy Source/Object Code

2.1 Load Source Code

Load the NSMS source library from dataset AIMS.NSMS.PROD.REL510.REL0697.SRC. The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library, replacing any existing programs of the same name. The source module counts included in this release are listed below:

Natural Source Modules by Type	
GLOBAL DATA AREA	0
LOCAL/PARAM DATA AREA	75
MAPS	65
HELP ROUTINES	1
SUBROUTINES	32
SUBPROGRAMS	0
PROGRAMS	54
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	227

2.2 List of Source Code Modifications

The following are the modules added, modified and deleted.

Added Modules

MODULE ID	MODULE NAME	TYPE	CCR#
NSSRARDE	Release Due-Out Default	SUB	355(NEW)
NSDLARDE	Release Due-Out Default	LDA	355(NEW)
NSMPCOM2	Comments Display	MAP	862(NEW)
NSMPCOM3	Comments Display	MAP	862(NEW)
NSPTTFLH	Quality Criteria Code Table Maint.	PGM	867(NEW)
NSDLTFLH	Quality Criteria Code Table Maint.	LDA	867(NEW)
NSMPTFLH	Quality Criteria Code Table Maint.	MAP	867(NEW)
NSMPFLHC	Quality Criteria Code Table Maint.	MAP	867(NEW)
NSMHTFLH	Quality Criteria Code Table Maint.	MAP	867(NEW)
NSMPADJ5	Quality Sensitive Entry/Display Screen	MAP	867(NEW)
NSMS0867	Adhoc to update trace data	PGM	867(NEW)
NSDLADJ6	Manual Commercial Due-In	LDA	867(NEW)
NSMPADJ6	Manual Commercial Due-In	MAP	867(NEW)
NSPTDRPS	Monitor Transaction (Reserve)	PGM	867(NEW)
NSDLDRPS	Monitor Transaction (Reserve)	LDA	867(NEW)
NSMPDRPS	Monitor Transaction (Reserve)	MAP	867(NEW)
NSMPISR1	Monitor Transaction	MAP	867(NEW)
NSPTDIRS	Monitor Transaction (Issue Reserve)	PGM	867(NEW)
NSDLDIRS	Monitor Transaction(Issue Reserve)	LDA	867(NEW)
NSMPDIRS	Monitor Transaction(Issue Reserve)	MAP	867(NEW)
NSPTDRSA	Monitor Transaction(Reserve Adj.)	PGM	867(NEW)
NSMPDRSA	Monitor Transaction(Reserve Adj.)	MAP	867(NEW)
NSDLDRSA	Monitor Transaction(Reserve Adj.)	LDA	867(NEW)
NSMPADJ5	Quality Sensitive Entry/Display Screen	MAP	867(NEW)
NSMPADJ7	Display IR tag Screen	MAP	867(NEW)
NSMPADJ8	Quality Sensitive Entry/Display Screen	MAP	867(NEW)
NSSRBINC	Consolidation of asset with trace data	SUB	867(NEW)
NSDLBINC	Consolidation of asset with trace data	LDA	867(NEW)
NSDLADJ7	Add, Change or Delete Asset	LDA	867(NEW)
NSPTRSPS	Reservation of Program Stock	PGM	867(NEW)
NSMPRSPS	Reservation of Program Stock	MAP	867(NEW)
NSMHRSPS	Reservation of Program Stock	HLP	867(NEW)
NSDLRSPS	Reservation of Program Stock	LDA	867(NEW)
NSCNLLDC	Catalog Load	PGM	867(NEW)
NSCNULDC	Catalog Unload	PGM	867(NEW)
NSPTISRS	Issue Reserved Stock	PGM	867(NEW)
NSMPISRS	Issue Reserved Stock	MAP	867(NEW)
NSMPISR1	Issue Reserved Stock	MAP	867(NEW)
NSDLISRS	Issue Reserved Stock	LDA	867(NEW)
NSSRISRI	Issue Reserved Stock	SUB	867(NEW)
NSMPISRI	Issue Reserved Stock	MAP	867(NEW)
NSDLISRI	Issue Reserved Stock	LDA	867(NEW)
NSMHISRI	Issue Reserved Stock	HLP	867(NEW)

NSMHISRS	Issue Reserved Stock	HLP	867(NEW)
NSMHISR1	Issue Reserved Stock	HLP	867(NEW)
NSSRBINB	Update Trace data(issue reserved)	SUB	867(NEW)
NSMPBINB	Update Trace data(issue reserved)	MAP	867(NEW)
NSDLBINB	Update Trace data(issue reserved)	LDA	867(NEW)
NSMHBINB	Update Trace data(issue reserved)	HLP	867(NEW)
NSSROPNA	Returns open reserve quantity for asset	SUB	867(NEW)
NSDLOPNA	Returns open reserve quantity for asset	LDA	867(NEW)
NSSROPNT	Returns open reserve quantity for trace	SUB	867(NEW)
NSDLOPNT	Returns open reserve quantity for trace	LDA	867(NEW)
NSSROPNV	Returns quantity of trace record	SUB	867(NEW)
NSDLOPNV	Returns quantity of trace record	LDA	867(NEW)
NSDLRRIR	Reversal of Reserved Program Stock	LDA	867(NEW)
NSPTRRIR	Reversal of Reserved Program Stock	PGM	867(NEW)
NSMPISVQ	Vendor Minimum Quantity	MAP	877(NEW)
NSSRISVQ	Vendor Minimum Quantity	SUB	877(NEW)

Changed Modules

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
NSPTARDO	Release Due Out	PGM	869 (Emergency Release)
NSPTRCPT	Receipt Due In/Not Due In	PGM	864 (Emergency Release)
NSMPINIT	NSMS Initial Map	MAP	
NSPTRCPT	Receive Due-In/Not Due-In	PGM	235
NSMPRCPT	Receive Due-In/Not Due-In	MAP	235
NSDLRCPT	Receive Due-In/Not Due-In	LDA	235
NSPTRQNO	Monitor Transaction(Receipt)	PGM	235
NSMPRQNO	Monitor Transaction(Receipt)	MAP	235
NSDLRQNO	Monitor Transaction(Receipt)	LDA	235
NSPTADJA	Inventory Analysis Adjustment	PGM	355
NSPTAFHE	Freeze/Unfreeze Asset	PGM	355
NSPTATRN	Transfer Assets	PGM	355
NSPTCONA	Asset Consolidation	PGM	355
NSPTCONC	Catalog Consolidation	PGM	355
NSPTRCPT	Receive Due-In/Not Due-In	PGM	355
NSPTRTRN	Receive Turn In for Credit/No Credit	PGM	355
NSPTSUS1	Maintain Suspended Receipts	PGM	355
NSPTAADJ	Inventory Adjustment	PGM	355
NSDLADJA	Inventory Analysis Adjustment	LDA	355
NSDLAFHE	Freeze/Unfreeze Asset	LDA	355
NSDLATRN	Transfer Assets	LDA	355
NSDLCONA	Asset Consolidation	LDA	355
NSDLCONC	Catalog Consolidation	LDA	355
NSDLRCPT	Receive Due-In/Not Due-In	LDA	355
NSDLRTRN	Receive Turn In for Credit/No Credit	LDA	355
NSDLSUS1	Maintain Suspended Receipts	LDA	355
NSDLAADJ	Inventory Adjustment	LDA	355
NSPTTDF	Transaction Definition Table	PGM	355
NSMPTTDF	Transaction Definition Table	MAP	355
NSDLTDF	Transaction Definition Table	LDA	355
NSSRCMPN	Add Change or Delete Catalog Detail	SUB	726

NSDLCMPN	Add Change or Delete Catalog Detail	LDA	726
NSMPCMPN	Add Change or Delete Catalog Detail	MAP	726
NSPTCADC	Add Change or Delete Catalog Detail	PGM	726
NSDLCADC	Add Change or Delete Catalog Detail	LDA	726
NSMPCADC	Add Change or Delete Catalog Detail	MAP	726
NSDLCDEL	Add Change or Delete Catalog Detail	LDA	726
NSSRCIPT	Catalog Scan	SUB	726
NSMPCIPT	Catalog Scan	MAP	726
NSDLCIPT	Catalog Scan	LDA	726
NSSRCIDD	Catalog Scan	SUB	726
NSDLCIDD	Catalog Scan	LDA	726
NSMPCIDD	Catalog Scan	MAP	726
NSPUICBL	Inventory Counts	PGM	744
NSDLICBL	Inventory Counts	LDA	744
NSPRICLS	Inventory Counts	PGM	744
NSDLICLS	Inventory Counts	LDA	744
NSPTICMM	Inventory Counts	PGM	744
NSDLICMM	Inventory Counts	LDA	744
NSMPICFG	Inventory Counts	MAP	744
NSMPICTA	Inventory Counts	MAP	744
NSMPICPW	Inventory Counts	MAP	744
NSMPICSA	Inventory Counts	MAP	744
NSMPICBR	Inventory Counts	MAP	744
NSSRICBC	Inventory Counts	SUB	744
NSMPICMI	Inventory Counts	MAP	744
NSDLICBC	Inventory Counts	LDA	744
NSPTINVA	Inventory Counts	PGM	744
NSMPINVB	Inventory Counts	MAP	744
NSDLINVA	Inventory Counts	LDA	744
NSPTCAHI	Catalog History	PGM	792
NSDLCAHI	Catalog History	LDA	792
NSMPCAH1	Catalog History	MAP	792
NSPTCASC	Catalog Scan	PGM	792
NSDLCASC	Catalog Scan	LDA	792
NSMPCASC	Catalog Scan	MAP	792
NSPTCIDR	Catalog Inquiry Driver	PGM	792
NSMPCIDR	Catalog Inquiry Driver	MAP	792
NSDLCIDR	Catalog Inquiry Driver	LDA	792
NSHSPNCV	Part Number Search	HLP	792
NSMPPNCV	Part Number Search	MAP	792
NSDLPNCV	Part Number Search	LDA	792
NSSRCIDD	Catalog Inquiry Driver (NSN)	SUB	792
NSMPCIDD	Catalog Inquiry Driver (NSN)	MAP	792
NSDLCIDD	Catalog Inquiry Driver (NSN)	LDA	792
NSPTSCAN	Asset Scan	PGM	792
NSDLSCAN	Asset Scan	LDA	792
NSMPSCN1	Asset Scan	MAP	792
NSMPCIPN	Catalog Inquiry Driver (Part)	MAP	792
NSMPCISL	Catalog Inquiry Driver (Index)	MAP	792
NSMPCITN	Catalog Inquiry Driver (Generic)	MAP	792
NSMPCINS	Catalog Inquiry Driver (Generic)	MAP	792

NSSRCOMD	Comments Display	SUB	862
NSMPCOMD	Comments Display	MAP	862
NSDLCOMD	Comments Display	LDA	862
NSSRASTR	Asset Scan	SUB	867
NSMPASTR	Asset Scan	MAP	867
NSDLASTR	Asset Scan	LDA	867
NSSRINQU	Asset Scan	SUB	867
NSDLINQU	Asset Scan	LDA	867
NSMPINQU	Asset Scan	MAP	867
NSPTSSIN	Stock Status Inquiry	PGM	867
NSDLSSIN	Stock Status Inquiry	LDA	867
NSMPSSIN	Stock Status Inquiry	MAP	867
NSSRCMPN	Add Change or Delete Catalog Detail	SUB	867
NSDLCMPN	Add Change or Delete Catalog Detail	LDA	867
NSMPCMPN	Add Change or Delete Catalog Detail	MAP	867
NSPTCADC	Add Change or Delete Catalog Detail	PGM	867
NSDLCADC	Add Change or Delete Catalog Detail	LDA	867
NSMPCADC	Add Change or Delete Catalog Detail	MAP	867
NSDLCDEL	Add Change or Delete Catalog Detail	LDA	867
NSSRCDEL	Add Change or Delete Catalog Detail	SUB	867
NSSRCIPT	Catalog Scan	SUB	867
NSMPCIPT	Catalog Scan	MAP	867
NSDLCIPT	Catalog Scan	LDA	867
NSSRCIDD	Catalog Scan	SUB	867
NSDLCIDD	Catalog Scan	LDA	867
NSMPCIDD	Catalog Scan	MAP	867
NSSRDTR1	Monitor Transaction Display	SUB	867
NSDLDTR1	Monitor Transaction Display	LDA	867
NSMPDTR1	Monitor Transaction Display	MAP	867
NSPT3201	Due In Stocked Commercial	PGM	867
NSDL3201	Due In Stocked Commercial	LDA	867
NSMP3201	Due In Stocked Commercial	MAP	867
NSPT3200	Manual Commercial Due-In	PGM	867
NSDL3200	Manual Commercial Due-In	LDA	867
NSMP3200	Manual Commercial Due-In	MAP	867
NSSR320A	Manual Commercial Due-In	SUB	867
NSSR320C	Manual Commercial Due-In	SUB	867
NSSR320D	Manual Commercial Due-In	SUB	867
NSDL320A	Manual Commercial Due-In	LDA	867
NSDL320C	Manual Commercial Due-In	LDA	867
NSDL320D	Manual Commercial Due-In	LDA	867
NSPTCMDI	Commercial Direct Due-In	PGM	867
NSDLCMDI	Commercial Direct Due-In	LDA	867
NSSRCDIC	Commercial Direct Due-In	SUB	867
NSSRCDID	Commercial Direct Due-In	SUB	867
NSDLCDIC	Commercial Direct Due-In	LDA	867
NSMPCDI2	Commercial Direct Due-In	MAP	867
NSPTATR1	Transfer Assets	PGM	867
NSDLATR1	Transfer Assets	LDA	867
NSPTISPP	Post Post Issue	PGM	867
NSDLISPP	Post Post Issue	LDA	867

NSPTISTR	Off Site Transfer	PGM	867
NSDLISTR	Off Site Transfer	LDA	867
NSPTISPR	Create Issue Directive	PGM	867
NSDLISPR	Create Issue Directive	LDA	867
NSPTAADJ	Inventory Adjustment Process	PGM	867
NSDLAADJ	Inventory Adjustment Process	LDA	867
NSPTADJA	Transaction Adjustment Process	PGM	867
NSDLADJA	Transaction Adjustment Process	LDA	867
NSPTRAND	Excess Assets Trans. To Disposal	PGM	867
NSDLRAND	Excess Assets Trans. To Disposal	LDA	867
NSPTISAJ	Trans. Adjust.(ISPR & ISDR)	PGM	867
NSDLISAJ	Trans. Adjust.(ISPR & ISDR)	LDA	867
NSPTTADX	Trans. Adjust.-Transfer To Disposal	PGM	867
NSDLTADX	Trans. Adjust.-Transfer To Disposal	LDA	867
NSPTCONA	Consolidate Assets	PGM	867
NSMPCONA	Consolidate Assets	MAP	867
NSDLCONA	Consolidate Assets	LDA	867
NSSFRREV	Reversal of Receipts	PGM	867
NSDLRREV	Reversal of Receipts	LDA	867
NSSFRTRV	Reversal of Turn-Ins	PGM	867
NSDLRTRV	Reversal of Turn-Ins	LDA	867
NSPTSUS1	Suspension of Receipts	PGM	867
NSMPSUS1	Suspension of Receipts	MAP	867
NSDLSUS1	Suspension of Receipts	LDA	867
NSPTRQNO	Display Receipts / Receipts Susp.	PGM	867
NSDLRQNO	Display Receipts / Receipts Susp.	LDA	867
NSMPRQNO	Display Receipts / Receipts Susp.	MAP	867
NSSRRDIS	Suspension of Receipt Not Due In	MAP	867
NSMPRDIS	Suspension of Receipt Not Due In	MAP	867
NSDLRDIS	Suspension of Receipt Not Due In	LDA	867
NSSRBIN0	Calling sub. for Traceable data	SUB	867
NSSRBIN2	Update Traceable data	SUB	867
NSDLBIN2	Update Traceable data	LDA	867
NSMPADJ2	Trace Data Entry Screen	MAP	867
NSMPEXIP	Quality Code Pop Up Window	MAP	867
NSSRBIN6	Reversal of transaction with trace data	SUB	867
NSDLBIN6	Reversal of transaction with trace data	LDA	867
NSSRACD2	Add, Change or Delete Asset	SUB	867
NSDLACD2	Add, Change or Delete Asset	LDA	867
NSMPACD2	Add, Change or Delete Asset	MAP	867
NSMPACD3	Add, Change or Delete Asset	MAP	867
NSSRAJST	Commercial Due-In Adjustment	SUB	867
NSDLAJST	Commercial Due-In Adjustment	LDA	867
NSSRCONU	Consolidate Assets	SUB	867
NSDLCONU	Consolidate Assets	LDA	867
NSSRCONT	Consolidate Assets	SUB	867
NSDLCONT	Consolidate Assets	LDA	867
NSPTRCON	Consolidation Reversal	PGM	867
NSSRATRQ	Verification of traceable quantity	SUB	867
NSDLATRQ	Verification of traceable quantity	LDA	867
NSPTREVS	Reverse Transactions	PGM	867
NSSRCONU	Consolidate Assets	SUB	871

NSSRACD2	Add, Change or Delete Asset	SUB	872
NSPUDLSC	DLSC Update	PGM	875
NSPTISPR	Create Issue Directive	PGM	877
NSDLISPR	Create Issue Directive	LDA	877
NSDLISDO	Issue Manual Due Out	LDA	877
NSPTISDO	Issue Manual Due Out	PGM	877
NSDLCRSC	Catalog Listing	LDA	878
NSPRCRSC	Catalog Listing	PGM	878

The following modules are needed for Just-In-Time (JIT) processing:

EDPUJTDO	JIT Create 850	PGM	817(REL 5.0.1 JIT)
EDMFJTDO	JIT Create 850	MAP	817(REL 5.0.1 JIT)
EDPTTVND	Vendor Table	PGM	817(REL 5.0.1 JIT)
EDPUXCEL	JIT EXCEL DATA UPDATE	PGM	817(REL 5.0.1 JIT) (sample)
EDLXCCEL	JIT EXCEL DATA UPDATE	LDA	817(REL 5.0.1 JIT)
EDPUPOAK	JIT Acknowledgment	PGM	817(REL 5.0.1 JIT)
EDDLPOAK	JIT Acknowledgment	LDA	817(REL 5.0.1 JIT)
NSPTCADC	Add Change or Delete Catalog Detail	PGM	817(REL 5.0.1 JIT)
NSMPCADC	Add Change or Delete Catalog Detail	MAP	817(REL 5.0.1 JIT)
NSDLCADC	Add Change or Delete Catalog Detail	LDA	817(REL 5.0.1 JIT)
NSDLCDEL	Add Change or Delete Catalog Detail	LDA	817(REL 5.0.1 JIT)
NSSRCIDD	Catalog Scan	SUB	817(REL 5.0.1 JIT)
NSMPCIDD	Catalog Scan	MAP	817(REL 5.0.1 JIT)
NSDLCIDD	Catalog Scan	LDA	817(REL 5.0.1 JIT)
EDPTRCPT	JIT Receipt	PGM	817(REL 5.0.1 JIT)
EDMPRCPT	JIT Receipt	MAP	817(REL 5.0.1 JIT)
EDDLRCPT	JIT Receipt	LDA	817(REL 5.0.1 JIT)
EDSRVRFY	Verification to Process Transaction	SUB	817(REL 5.0.1 JIT)
EDPUDLVR	JIT Delivery	PGM	817(REL 5.0.1 JIT)

Deleted Modules

NSSRTRAC

3.0 Pre-Predict Data Conversion

The Catalog file (NS-CATALOG) must be unloaded prior to the installation of Predict. The unload program (NSCNULDC) must be cataloged and run before the installation of Predict. This program should be run in batch mode and uses work file one (1). The work file created will be used as input to the Post-Predict Data Conversion. It is recommended this work file be created using a tape data set.

The NS-PROGRAMS userview must be converted to an ADABAS file before the Predict install is performed. On the Predict File Maintenance Menu, choose option 'N' with NS-PROGRAMS as the File ID. On the following screen, change the File Type to 'A' and blank out the Master File field.

4.0 Install Predict

4.1 Data Dictionary Changes

This release will include the new enhancements for version 5.1.0. 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 NSMS5.1.0. Due to the large volume of Predict changes, a complete Predict release has been provided for version 5.1.0. DDMs should be generated for all NSMS userviews. Some userviews contain new fields, although not new to the ADABAS file.

4.1.1 Inventory of Objects

PREDICT Objects by Type:

Keyword	-	1
Standard file	-	1
Conceptual help file	-	1
ADABAS Files and Views	-	63
Data Elements	-	3524

4.1.2 Storage Considerations

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

4.1.3 Physical File Changes

Modified Files

After loading the PREDICT dataset provided with this release, delete and rebuild the NS-CATALOG file with zero records. Be sure that the data unload conversion program has been run successfully, creating the unload dataset. This is necessary because PART-WT and PART-WT-UOM-CODE were added to the MANUFACTURER-INFO PE group. 1 New Field and 1 new Superdescriptor were also added as part of the modifications.

NS-CATALOG-FILE		File # 174							
Ty	L	Field name	F	Length	Occ	D	U	DB	S
*	-	-----	*	-----	-----	*	*	--	*
	1	MTRL-SAFETY-DATA-SHEET-TEXT	A	10.0				BQ	N
PE	1	MANUFACTURER-INFO						AL	
	2	CAGE-CODE	A	5.0		D		AM	N
	2	PART-NUMBER	A	32.0		D		AN	N
	2	PART-NUMBER-SPECIAL	A	32.0		D		BE	N
	2	PART-WT	N	7.2				BO	N

	2	PART-WT-UOM-CODE	A	2.0			BP	N
	2	RNCC	A	1.0			AO	N
	2	RNVC	A	1.0			AP	N
SP	1	PART-NUMBER-NSN	A	45.0		D	BN	N

Add the following new fields to the appropriate files

NS-ASSET-TRACEABLE-FILE		File # 173						
Ty	L	Field name	F	Length	Occ	D	U	DB S
* -	-	-----	* -	-----	-----	* *	--	*
	1	BIN-ID	A	11.0			AA	N
	1	CAGE-CODE	A	5.0			AC	N
	1	PART-NUMBER	A	32.0			AG	N
MU	1	QLTY-CRITERIA-CODE	A	4.0	20		AH	N
	1	INSPCTN-RPT-NMBR	A	8.0			AI	
	1	DATE-MANUFACTURED	N	8.0			AP	N

NS-BINS-FILE		File # 184						
Ty	L	Field name	F	Length	Occ	D	U	DB S
* -	-	-----	* -	-----	-----	* *	--	*
	1	CAGE-CODE	A	5.0			AN	N
	1	PART-NUMBER	A	32.0			AO	N
	1	INSPCTN-RPT-NMBR	A	8.0			AP	
MU	1	QLTY-CRITERIA-CODE	A	4.0	20		AQ	N

NS-INVENTORY-CONTROL-FILE		File # 178						
Ty	L	Field name	F	Length	Occ	D	U	DB S
* -	-	-----	* -	-----	-----	* *	--	*
	1	INV-CNTRL-CUTOFF-DATE	A	8.0			AO	N

NS-TABLES-FILE		File # 181						
Ty	L	Field name	F	Length	Occ	D	U	DB S
* -	-	-----	* -	-----	-----	* *	--	*
	1	TRANSACTION-AUTO-DO-IND	A	1.0			FG	N
	1	QLTY-CRITERIA-CODE	A	4.0			FH	N

NS-TRANSACTION-FILE		File # 182						
Ty	L	Field name	F	Length	Occ	D	U	DB S
* -	-	-----	* -	-----	-----	* *	--	*
	1	RCPT-SHPNG-AMT	N	9.2			GF	N
	1	INSPCTN-AND-ANALYSIS-RPT-NMBR	A	10.0			GO	N
PE	1	FLIGHT-DATA			50		GG	
	2	FLIGHT-INSPCTN-RPT-NMBR	A	8.0			GH	N
	2	FLIGHT-PART-NUMBER	A	32.0			GI	N
	2	FLIGHT-CAGE-CODE	A	5.0			GJ	N
	2	FLIGHT-PART-WT	N	7.2			GK	N
	2	FLIGHT-PART-WT-UOM-CODE	A	2.0			GL	N
	2	FLIGHT-BIN-ID	A	11.0			GM	N
MU	2	FLIGHT-QLTY-CRITERIA-CODE	A	4.0	20		GN	N

2 DATE-MANUFACTURED N 8.0 GP N

Add the following new superdescriptors to the appropriate files

```
NS-ASSET-TRACEABLE-FILE      File # 173
  Ty L Field name              F Length  Occ  D U DB S
  *- - -----* - -----* - -----* * -- *
  SP 1 DNSO-LOT-BATCH-INSPCTN  A    56.0      D  AM N
```

Invert the superdescriptor using command
ADAINV SUPDE='AM=AL(1,18),AB(1,30),AI(1,8)'

```
NS-ASSET-TRACEABLE-FILE      File # 173
  Ty L Field name              F Length  Occ  D U DB S
  *- - -----* - -----* - -----* * -- *
  SP 1 DNSO-SERIAL-NUMBER-INSPCTN  A    50.0      D  AN N
```

Invert the superdescriptor using command
ADAINV SUPDE='AN=AL(1,18),AE(1,24),AI(1,8)'

```
NS-ASSET-TRACEABLE-FILE      File # 173
  Ty L Field name              F Length  Occ  D U DB S
  *- - -----* - -----* - -----* * -- *
  SP 1 DOM-INSPCTN             A    10.0      D  AO N
```

Invert the superdescriptor using command
ADAINV SUPDE='AO=AL(1,2),AI(1,8)'

```
NS-CATALOG-INDEX-FILE        File # 176
  Ty L Field name              F Length  Occ  D U DB S
  *- - -----* - -----* - -----* * -- *
  SP 1 GENERIC-TECHNICAL-INDEX    A    56.0      D  AI N
```

Invert the superdescriptor using command
ADAINV SUPDE='AI=AB(1,25),AE(1,25),AA(1,6)'

```
NS-TABLES-FILE                File # 181
  Ty L Field name              F Length  Occ  D U DB S
  *- - -----* - -----* - -----* * -- *
  SP 1 DOM-QLTY-CRITERIA          A     6.0      D  FL N
```

Invert the superdescriptor using command
ADAINV SUPDE='FL=A8(1,2),FH(1,4)'

5.0 Catalog Source Code

Run a batch job to catalog (CATALL) all modules in the NSMS or other named library. **IT 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 parameter.

6.0 Post-Predict Data Conversion

The Catalog file (NS-CATALOG) must be loaded using the dataset created in the Pre-Predict Data Conversion. The load program (NSCNLLDC) must be run in batch mode and uses work file one (1).

7.0 Load Natural Error Messages

Load the Natural error messages to the NSMS library using the ERRLODUS utility in the SYSERR library.

Total Error Messages - 301

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 Back Up Existing Data
- 2.1 Load Source Code
- 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

Appendix E - BATCH JCL SAMPLES

PHNSM083 EDPUXCEL
Reads sequential file (spreadsheet data), updates Asset and Catalog files.

```
***** TOP OF DATA *****  
//PHNSM083 JOB (6AI992930041,A43),'XX',MSGCLASS=I,CLASS=P,  
//  NOTIFY=WORLESF  
//*JOBPARM LINES=100  
/*  
/* THIS RUN UPDATES NS-ASSET AND NS-CATALOG FILES FROM AN INPUT  
/* SEQUENTIAL DATA FILE. THIS INPUT FILE WAS CREATED FROM AN  
/* EXCEL SPREAD SHEET. THE JOB IS PRESENTLY PLANNED TO RUN DAILY.  
/*  
// EXEC PMD  
/*  
//CMPRINT DD SYSOUT=(R,P3030132),COPIES=1  
//CMSYNIN DD *  
NSMS,NSBATCH  
NSBATCH  
EDPUXCEL  
//CMPRT01 DD DSN=PHNSMS.EXCEL.PRT,DISP=SHR  
//CMWKF02 DD DSN=PHNSMS.EXCEL.DATA,DISP=SHR  
/*
```

```
***** BOTTOM OF DATA *****  
PHNSMS.EXCEL.PRT  
DATA SET Organization: PS Used cylinders: 1  
Record format: FBA Used extents: 1  
Record length: 133  
Block size: 1330  
1st extent cylinders: 1  
Secondary cylinders: 2  
PHNSMS.EXCEL.DATA  
Data Set Organization: PS Used tracks: 1  
Record format: VB Used extents: 1  
Record length: 256  
Block size: 6233  
1st extent tracks: 1  
Secondary tracks: 1
```

PHNSM095 EDPURCEC - JIT Batch Receipt Process
Runs at 10:00 a.m. 14:00 p.m. and in nightly cycle

```
***** TOP OF DATA *****
//PHNSM095 JOB (6AI992930043,A43),'JIT RCEC',MSGCLASS=J,CLASS=P,
//  USER=STEVEMR,NOTIFY=STEVEMR,COND=(0,LT)
//*
/*LOGONID PHISMS1
/*JOBPARM LINES=300
//*
/* DAILY SCHEDULED JOB- JOB RUNS AFTER PHNSMXXX
/* JIT BATCH RECEIPT PROCESS
/*
/* CUSTOMER WANTS JOB KICKED OFF 3 TIMES A DAY -->
/* 10:00 AM 14:00 PM
/* AS PART OF DAILY RUNS
/*
//JITBTRCP EXEC PMD
//CMPRINT DD SYSOUT=*
//CMSYNIN DD *
NSMS,NSBATCH
NSBATCH
EDPURCEC
/*
//CMPRT01 DD SYSOUT=(R,P3030132)
//CMPRT02 DD SYSOUT=(R,P3030132)
//
***** BOTTOM OF DATA *****
```

PHNSM110 EDPUJTDO

Generates the 850's (generates 850's and places them in
PHNSMS.EDI850.OUTPUT) Runs at 14:00 daily run 1 of 2

```
***** ***** TOP OF DATA *****
//PHNSM110 JOB (6AI992930043,A43),'NSMS',MSGCLASS=J,CLASS=P,
//  NOTIFY=WORLESF,COND=(0,LT)
//*
//* PHNSM110 - THIS RUN WILL RUN AT 14:00- REPLACING THE FAXLIST
//* RUN 1 OF 2
//* GENERATES THE 850'S PLACING THEM IN AN OUTPUT FILE
//*          'PHNSMS.EDI850.OUTPUT'
//* PHNSM111 WILL RUN WHEN PHNSM110 COMPLETES
//*
//GEN850 EXEC PMD
//CMPRINT DD SYSOUT=*
//CMSYNIN DD *
NSMS,NSBATCH
NSBATCH
EDPUJTDO
//CMWKF01 DD DSN=PHNSMS.EDI850.OUTPUT,DISP=SHR
//CMPRT01 DD SYSOUT=(R,P3030132)
//CMPRT02 DD SYSOUT=(R,P3030132)
//
***** ***** BOTTOM OF DATA *****
PHNSMS.EDI850.OUTPUT
      Data Set Organization:      PS          Used cylinders:      1
      Record format:             VB          Used extents:       1
      Record length:             140
      Block size:                1400
      1st extent cylinders:      8
      Secondary cylinders:       2
```

PHNSM111 FTP (transfer)
FTP (transfer) of 850's file PHNSMS.EDI850.OUTPUT to fileserver
Runs after PHNSM110 run 2 of 2

```
***** TOP OF DATA *****
//PHNSM111 JOB (6AI992930043,503),'NSMS',MSGCLASS=J,CLASS=P,
//  NOTIFY=WORLESF,COND=(0,LT)
//*
//* PHNSM111 - RUNS AFTER PHNSM110 COMPLETES
//* RUN 2 OF 2
//*
//FTP EXEC PGM=FTP,REGION=2048K
//INPUT DD *
  192.149.89.210
nsms
nasa.gov
cd NSMS_in
PUT 'PHNSMS.EDI850.OUTPUT' '850.DAT'
QUIT
//SYSPRINT DD SYSOUT=*
//OUTPUT DD SYSOUT=*
/*
***** BOTTOM OF DATA *****
```

PHNSM112 FTP (transfer)
FTP (transfer) of 855's from fileserver to PHNSMS.EDI855.OUTPUT
Run 1 of 2

```
***** TOP OF DATA *****
//PHNSM112 JOB (6AI992930043,503),'NSMS',MSGCLASS=J,CLASS=P,
//  NOTIFY=WORLESF,COND=(0,LT)
//*
//* PHNSM112 - NIGHTLY RUN
//*
//* THIS RUNSTREAM 'GETS' 855'S FROM THE TERMSERVER AND USING FTP
//*  TRANSFERS IT DOWN TO THE IBM
//*
//* note!! IF JOB ERRORS DUE TO dsn NOT AVAILABLE FOR DELETION,
//*  PLACE * AFTER // ON OUTPUT DD DSN=PHNSMS.EDI855.OUTPUT
//*  CARD
//*
//* PHNSM113 FOLLOWS THIS RUN
//*
//JS010 EXEC PGM=IEFBR14
//OUTPUT DD DSN=PHNSMS.EDI855.OUTPUT,DISP=(OLD,DELETE,DELETE)
//*
//FTP EXEC PGM=FTP,REGION=2048K
//INPUT DD *
192.149.89.210
nsms
nasa.gov
cd NSMS_out
GET udf_855 'PHNSMS.EDI855.OUTPUT'
QUIT
//SYSPRINT DD SYSOUT=*
//OUTPUT DD SYSOUT=*
/*
***** BOTTOM OF DATA *****
```

PHNSM113 EDPUPOAK
Uploads 855's from file PHNSMS.EDI855.OUTPUT
Runs after PHNSM112 run 2 of 2

```
***** TOP OF DATA *****
//PHNSM113 JOB (6AI992930043,503),'NSMS',MSGCLASS=J,CLASS=P,
//  NOTIFY=WORLESF,COND=(0,LT)
//*
//* PHNSM113 - NIGHTLY RUN - MUST RUN AFTER PHNSM112
//*
//* EXECUTES PROGRAM- EDPUPOAK
//*
//* READS 855'S FROM THE TRANSFERRED FILE
//*          'PHNSMS.EDI855.OUTPUT'
//*
//GEN855 EXEC PMD
//CMPRINT DD SYSOUT=*
//CMSYNIN DD *
NSMS,NSBATCH
NSBATCH
EDPUPOAK
/*
//CMWKF01 DD DSN=PHNSMS.EDI855.OUTPUT,DISP=SHR
//CMPRT01 DD SYSOUT=(R,P3030132)
//CMPRT02 DD SYSOUT=(R,P3030132)
//
***** BOTTOM OF DATA *****
```

```
PHNSMS.EDI855.OUTPUT
  Data Set Organization:    PS          Used tracks:    1
  Record format:           VB          Used extents:   1
  Record length:           256
  Block size:              6233
  1st extent tracks:       1
  Secondary tracks:        1
```

PHNSM117 NSPUCEXS / EDPUORDR
Extract of 11 work files for NOSC
Run 1 of 4 for SYBASE

```
***** TOP OF DATA *****
//PHNSM117 JOB (6AI992930041,503),NSMS,MSGCLASS=J,CLASS=P,
//   NOTIFY=STEVEMR,COND=(0,LT)
/*JOBPARM LINES=100
/*
/* *****
/* PHNSM117 - RUN 1 OF 4 FOR NOSC      CLASS=6 STARTS 4:00AM
/*
/* THIS JOB RUNS ON A NIGHTLY BASIS - EXTRACTING NSMS DATA INTO
/* 11 DIFFERENT WORK FILE -- FROM PRODUCTION DATABASE
/*
/*
/* NEXT RUN IN CYCLE IS PHNSM118
/*
//STEP01 EXEC PMD
//CMPRINT DD SYSOUT=(R,P3030132)
//CMSYNIN DD *
NSMS,NSBATCH
%*
NSBATCH
NSPUCEXS
EDPUORDR
FIN
/*
//CMPRT01 DD SYSOUT=(R,P3030132)
//CMWKF01 DD DSN=THNSMS.ITEM.GENTECH.NAME,DISP=SHR
//CMWKF02 DD DSN=THNSMS.ITEM.HEADERS,DISP=SHR
//CMWKF03 DD DSN=THNSMS.ITEM.DESC,DISP=SHR
//CMWKF04 DD DSN=THNSMS.ITEM.NSN,DISP=SHR
//CMWKF05 DD DSN=THNSMS.ITEM.PART.NUMBER,DISP=SHR
//CMWKF06 DD DSN=THNSMS.ITEM.TECH.DESC,DISP=SHR
//CMWKF07 DD DSN=THNSMS.ITEM.ASSET.INFO,DISP=SHR
//CMWKF08 DD DSN=THNSMS.ITEM.MFG,DISP=SHR
//CMWKF09 DD DSN=THNSMS.ITEM.AKANAME,DISP=SHR
//CMWKF10 DD DSN=THNSMS.ITEM.STATUS,DISP=SHR
//CMWKF11 DD DSN=THNSMS.ITEM.DLVRY,DISP=SHR
***** BOTTOM OF DATA *****
```

THNSMS.ITEM.GENTECH.NAME			
Data Set Organization:	PS	Used tracks:	11
Record format:	FB	Used extents:	1
Record length:	81		
Block size:	27945		
1st extent tracks:	20		
Secondary tracks:	1		
THNSMS.ITEM.HEADERS			
Data Set Organization:	PS	Used tracks:	20
Record format:	FB	Used extents:	1
Record length:	79		
Block size:	27966		
1st extent tracks:	20		
Secondary tracks:	1		
THNSMS.ITEM.DESC			
Data Set Organization:	PS	Used tracks:	16
Record format:	FB	Used extents:	1
Record length:	73		
Block size:	27959		
1st extent tracks:	20		
Secondary tracks:	1		
THNSMS.ITEM.NSN			
Data Set Organization:	PS	Used cylinders:	2
Record format:	FB	Used extents:	1
Record length:	29		
Block size:	27985		
1st extent tracks:	2		
Secondary tracks:	1		
THNSMS.ITEM.PART.NUMBER			
Data Set Organization:	PS	Used cylinders:	15
Record format:	FB	Used extents:	2
Record length:	132		
Block size:	23364		
1st extent cylinders:	14		
Secondary cylinders:	1		
THNSMS.ITEM.TECH.DESC			
Data Set Organization:	PS	Used cylinders:	7
Record format:	FB	Used extents:	1
Record length:	86		
Block size:	27950		
1st extent cylinders:	10		
Secondary cylinders:	1		

THNSMS.ITEM.ASSET.INFO			
Data Set Organization:	PS	Used tracks:	31
Record format:	FB	Used extents:	12
Record length:	37		
Block size:	27972		
1st extent tracks:	20		
Secondary tracks:	1		
THNSMS.ITEM.MFG			
Data Set Organization:	PS	Used tracks:	11
Record format:	FB	Used extents:	2
Record length:	55		
Block size:	27995		
1st extent tracks:	7		
Secondary tracks:	5		
THNSMS.ITEM.AKANAME			
Data Set Organization:	PS	Used tracks:	3
Record format:	FB	Used extents:	1
Record length:	100		
Block size:	27000		
1st extent tracks:	20		
Secondary tracks:	5		
THNSMS.ITEM.STATUS			
Data Set Organization:	PS	Used tracks:	3
Record format:	FB	Used extents:	2
Record length:	186		
Block size:	1860		
1st extent tracks:	1		
Secondary tracks:	9		
THNSMS.ITEM.DLVRY			
Data Set Organization:	PS	Used tracks:	1
Record format:	FB	Used extents:	1
Record length:	43		
Block size:	4300		
1st extent tracks:	1		
Secondary tracks:	9		

PHNSM118 EDPUNOSC adds to Ext VENDOR info from n62z database
mods the 8 work files w additional data
Run 2 of 4 for SYBASE
Runs after PHNSM117

```
***** TOP OF DATA *****
//PHNSM118 JOB (6AI992930043,A43),NSMS,MSGCLASS=J,CLASS=P,
//   NOTIFY=STEVEMR,COND=(0,LT)
/*JOBPARM LINES=100
/*
/* PHNSM118 - RUN 2 OF 4 FOR NOSC      CLASS=6 STARTS 4:00AM
/*
/* THIS JOB RUNS ON A NIGHTLY BASIS - EXTRACTING N62Z DATA INTO
/* 8 DIFFERENT WORK FILE
/* EXECUTES EDPUNOSC
/*
/* NEXT RUN IN CYCLE IS PHNSM119
/*
//STEP01 EXEC N62Z
//CMPRINT DD SYSOUT=(R,P3030132)
//CMSYNIN DD *
NSPILOT,NSBATCH
%*
NSBATCH
EDPUNOSC
FIN
/*
//CMPRT01 DD SYSOUT=(R,P3030132)
//CMWKF01 DD DSN=THNSMS.ITEM.GENTECH.NAME,DISP=MOD
//CMWKF02 DD DSN=THNSMS.ITEM.HEADERS,DISP=MOD
//CMWKF03 DD DSN=THNSMS.ITEM.DESC,DISP=MOD
//CMWKF04 DD DSN=THNSMS.ITEM.NSN,DISP=MOD
//CMWKF05 DD DSN=THNSMS.ITEM.PART.NUMBER,DISP=MOD
//CMWKF06 DD DSN=THNSMS.ITEM.TECH.DESC,DISP=MOD
//CMWKF07 DD DSN=THNSMS.ITEM.ASSET.INFO,DISP=MOD
//CMWKF08 DD DSN=THNSMS.ITEM.MFG,DISP=MOD
***** BOTTOM OF DATA *****
```

THNSMS.ITEM.GENTECH.NAME

Data Set Organization:	PS	Used tracks:	11
Record format:	FB	Used extents:	1
Record length:	81		
Block size:	27945		
1st extent tracks:	20		
Secondary tracks:	1		

THNSMS.ITEM.HEADERS			
Data Set Organization:	PS	Used tracks:	20
Record format:	FB	Used extents:	1
Record length:	79		
Block size:	27966		
1st extent tracks:	20		
Secondary tracks:	1		
THNSMS.ITEM.DESC			
Data Set Organization:	PS	Used tracks:	16
Record format:	FB	Used extents:	1
Record length:	73		
Block size:	27959		
1st extent tracks:	20		
Secondary tracks:	1		
THNSMS.ITEM.NSN			
Data Set Organization:	PS	Used cylinders:	2
Record format:	FB	Used extents:	1
Record length:	29		
Block size:	27985		
1st extent tracks:	2		
Secondary tracks:	1		
THNSMS.ITEM.PART.NUMBER			
Data Set Organization:	PS	Used cylinders:	15
Record format:	FB	Used extents:	2
Record length:	132		
Block size:	23364		
1st extent cylinders:	14		
Secondary cylinders:	1		
THNSMS.ITEM.TECH.DESC			
Data Set Organization:	PS	Used cylinders:	7
Record format:	FB	Used extents:	1
Record length:	86		
Block size:	27950		
1st extent cylinders:	10		
Secondary cylinders:	1		
THNSMS.ITEM.ASSET.INFO			
Data Set Organization:	PS	Used tracks:	31
Record format:	FB	Used extents:	12
Record length:	37		
Block size:	27972		
1st extent tracks:	20		
Secondary tracks:	1		

THNSMS.ITEM.MFG			
Data Set Organization:	PS	Used tracks:	11
Record format:	FB	Used extents:	2
Record length:	55		
Block size:	27995		
1st extent tracks:	7		
Secondary tracks:	5		
THNSMS.ITEM.AKANAME			
Data Set Organization:	PS	Used tracks:	3
Record format:	FB	Used extents:	1
Record length:	100		
Block size:	27000		
1st extent tracks:	20		
Secondary tracks:	5		
THNSMS.ITEM.STATUS			
Data Set Organization:	PS	Used tracks:	3
Record format:	FB	Used extents:	2
Record length:	186		
Block size:	1860		
1st extent tracks:	1		
Secondary tracks:	9		
THNSMS.ITEM.DLVRY			
Data Set Organization:	PS	Used tracks:	1
Record format:	FB	Used extents:	1
Record length:	43		
Block size:	4300		
1st extent tracks:	1		
Secondary tracks:	9		

PHNSM119 FTP
FTP (transfer) of extracted NOSC work files to Fileserver
Run 3 of 4 for SYBASE
Runs after PHNSM118

```
***** TOP OF DATA *****
//PHNSM119 JOB (6AI992930041,503),'NSMS',MSGCLASS=J,CLASS=P,
// NOTIFY=STEVE MR,REGION=4M,COND=(0,LT)
//*
//* PHNSM119 F T P JCL                class=6 Starts 4:00AM
//* run 2 of 3 in NOSC cycle- nightly run- must follow PHNSM118
//*
//* this runstream FTP's the information
//*
//* next runstream- PHNSM120
//*
//FTP EXEC PGM=FTP,REGION=4096K
//INPUT DD *
AIM2MSFC.MSFC.NASA.GOV
msfcnsms
ross01
lcd 'THNSMS'
cd test/bcp
dir
put item.asset.info
put item.desc
put item.gentech.name
put item.headers
put item.mfg
put item.nsn
put item.part.number
put item.tech.desc
put item.akaname
put item.status
put item.dlvry
dir
QUIT
/*
//OUTPUT DD SYSOUT=*
//SYSPRINT DD SYSOUT=*
//
***** BOTTOM OF DATA *****
```

PHNSM120 Script to load NOSC
This runstream consists of script used in loading of NOSC on fileserver.
Run 4 of 4 for SYBASE
Runs after PHNSM119

```
***** TOP OF DATA *****  
//PHNSM120 JOB (6AI992930041,503),'NSMS',MSGCLASS=J,CLASS=P,  
// NOTIFY=STEVEMR,REGION=4M,COND=(0,LT)  
//*  
//* PHNSM120 REXEC JCL class=6 starts @ 4:00AM  
//* Run 3 of 3 in NOSC cycle ... must run after PHNSM119  
//*  
//* this run consists of the script that loads the information into  
//* the NOSC application on the termserver  
//*  
//REX EXEC PGM=REXEC,  
// PARM=(-l msfcnsms -p ross01 aim2msfc NOSC_Test)  
//SYSIN DD *  
/*  
//SYSOUT DD SYSOUT=*  
//SYSPRINT DD SYSOUT=*  
/*  
***** BOTTOM OF DATA *****
```

PHNSM121 EDPUDVPA
Program reads the EDI JIT Del TxS-indicates info has been updated
Must run before extracts NOSC

```
***** TOP OF DATA *****  
//PHNSM121 JOB (6AI992930043,503),'NSMS',MSGCLASS=J,CLASS=P,  
//  NOTIFY=WORLESF,COND=(0,LT)  
//*  
//* PHNSM121 - NIGHTLY RUN -  
//*  
//* EXECUTES PROGRAM- EDPUDVPA  
//*  
//* PRODUCES TWO REPORTS  
//*  
//DLVRYUPD EXEC PMD  
//CMPRINT DD SYSOUT=*  
//CMSYNIN DD *  
NSMS,NSBATCH  
NSBATCH  
EDPUDVPA  
/*  
//CMPRT01 DD SYSOUT=(R,P3030132)  
//CMPRT02 DD SYSOUT=(R,P3030132)  
//  
***** BOTTOM OF DATA *****
```