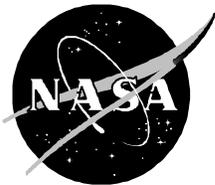


VERSION DESCRIPTION DOCUMENT FOR THE NASA SUPPLY MANAGEMENT SYSTEM (NSMS)

Release 6.4.0

PrISMS Contract

December 1999



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 6.4.0**

Approved by

Sheila Fogle Consolidation Center Project Manager	Date
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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

December 1999

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1 INTRODUCTION

1.1 Identification of the Release

This software release is identified as the National Aeronautics and Space Administration (NASA) Supply Management System (NSMS), Version Description Document (VDD), Release 6.4.0.

The release has an effective date of December 21, 1999 and is scheduled for implementation by January 31, 2000. Support of the previous release expires on the implementation date of release 6.4.0.

1.2 Purpose of the Release

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

1.3 Scope of the Release

This release provides the functional and technical user of NSMS with changes to the contents and status of the application NSMS, Version 6.4.0, including the following:

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

1.4 Contact Points

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

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

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by e-mail Steve.Rowell@msfc.nasa.gov

The fax number is (256)544-1836.

2 FUNCTIONAL INFORMATION

2.1 FUNCTIONAL CHANGES

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

This release incorporates Discrepancy Report (DR) 960, 963, 964 and 971.

This release includes the necessary modules to incorporate RC 885, 924, 938, 952, 953, 954, 955, 966 and 967 approved by the CCB.

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

1. ENHANCEMENT -- (Tracking Quantity at Bin Level) 1620 # - 885

Modify the system to separate the organization and project capabilities from the bin id capabilities. In receipt of traceable items allow multiple trace data to be entered without having to retype the organizations and projects.

ACTION – Delete the capability from tracking quantity at the bin level. Enhance capability to track quantity at the organization and project level.

2. ENHANCEMENT - (Integrated Financial Management Program (IFMP)) 1620 # – 924

Change NSMS to contain Organization Cost Account (OCA) and Program Cost Account (PCA) which is needed by IFMP.

ACTION - Change NSMS to carry OCA/PCA which is required by IFMP.

3. ENHANCEMENT - (Excess Assets) 1620# - 938

The Federal Register, July 27, 1998, Excess Personal Property Reporting Requirements (FPMR Amendment H-198). This policy reduces the number of codes from 11 to 5 and more accurately define the condition of the excess personal property.

ACTION - Update the Disposal Condition Codes in NSMS.

4. ENHANCEMENT - (ISO9001 Catalog, Traceable Data Report) 1620 # – 952

Currently NSMS does not have a reporting means on traceable assets, since the ISO9001 procedures requirement state we must have reporting and trackable record keeping. This is a problem for Stennis as it should be for all centers. Need a report that would list/report each record, generic/technical name, descriptions, part numbers, qty on hand, bin data, trace data and quality criteria codes.

ACTION - Create a core report that could be selected by different parameters; trace codes, quality criteria values.

5. ENHANCEMENT - (ISO9001 Shelf Life Report) 1620 # – 953

Currently the only reporting available from NSMS is the expiring shelf life by data parameter. Due to ISO9001 requirement, Stennis needs the ability to pull all data on shelf life assets.

ACTION - Create a core report that could list/report all data in the shelf maintenance file capturing stock numbers, generic/technical names receipt date, manufacturers date, expiration date, qty for each receipt, qty on hand and bin id.

6. ENHANCEMENT - (Archival/Reload of Archival) 1620# - 954

The Archival and Reload of the Archival processes need to be updated with the data added to/removed from the transaction file as of 1994.

ACTION – Update the processes to include the new fields added to the transaction file and to exclude the fields removed from the transaction file.

7. ENHANCEMENT - (Add, Change or Delete Asset) 1620 # – 955

JIT item (supply type code of E) is showing up in the Reorder process.

ACTION - Correct Asset Maintenance to flag asset as reorder exempt when changing supply type code to JIT (E).

8. PROBLEM - (Manual Commercial Due In) 1620 # – 960

A due in was created for a quantity of 10, a due out was created for a quantity of 10 (the due out was tied to the due in). An adjustment was done against the due in changing the quantity to 8 receiving an error. Changed the quantity back to 10 and an adjustment was created for 2. The adjustment should not have been created because the original quantity was 10 and the quantity changed to was 10.

ACTION - Correct the process to check the original quantity against the quantity entered and do not create an adjustment if the quantities equal.

9. PROBLEM - (Excess Analysis) 1620 # – 963

When an excess is initiated, the hazardous material code appears, but when the approvals are done the hazardous material code does not appear.

ACTION - Correct process to display the hazardous material code on all levels of approval.

10. PROBLEM- PREVENT NOSC FROM HANGING UP ON THE UNHANDLED NATURAL ERRORS IN NSMS. 1620# - 964

Modify the NASA Online Supply Catalog (NOSC) to prevent hang ups and allow the display of error messages at a level other than the PRE-ET.

Action – Add a separate PRE-ET process for the NOSC core. This PRE-ET will be void of On Error logic.

11. ENHANCEMENT - ALLOW NOSC TO PROCESS PROGRAM STOCK ORDERS AT THE ORG / PROJECT LEVEL 1620# - 966

Modification to NASA Online Supply Catalog (NOSC) to process Program Stock Orders at the Org / Project Level.

Action – Modify the NOSC core system to allow for the processing of Program Stock Orders at the Org / Project level.

12. ENHANCEMENT - (EDI ONLINE AND BATCH RECEIPT PROCESSES) 1620# - 967

Processing RCEC / DIECA transactions through the Online JIT Receipt Process in NASA Supply Management System (NSMS).

Action – Verify the Online JIT Receipt (JITRCEC) process and the Batch JIT Receipt process will generate RCEC (Receipt Electronic Commerce) and DIECA (Due In Electronic Commerce Adjustment) transactions while updating the asset correctly.

13. PROBLEM - (Excess Analysis) 1620 # – 971

Create Suspended Excess and Update Suspended Excess Transaction processes do not accept a day greater than the current day. Entered 12 31 1999 as the original expiration date, current date is 11 10 1999. Returned error-Invalid Expiration Day.

ACTION - Correct process to edit dates using entire date.

2.2 FUNCTIONAL INTERFACES

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

2.3 CRITICAL ISSUES

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

2.4 AFFECTED DOCUMENTS

The only document affected by this release is the NSMS-UOG-10, NSMS User and Operations Guide (UOG) dated March 1999.

2.5 APPLICATION SYSTEM ADMINISTRATION

Enhancement 952 and 953:

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

FUNCTION: A
TASK TYPE: P
Task ID: NSPTS901
Press <enter>

Enter: Command name: SHLF9001
Type: REPORTS
Title: Shelf Life Report
Secured: N
Function: blank
Comment: N

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

FUNCTION: A
TASK TYPE: P
Task ID: NSPTS902
Press <enter>

Enter: Command name: TRACS902
Type: REPORTS
Title: Traceable Asset Report
Secured: N
Function: blank

Comment: N

3. 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.

4. Add the Shelf Life Report to the Batch Task Maintenance (BATCHTSK) in the NS domain with:

Task ID:	NSPRS901
Task name:	Shelf Life Report
Parameter Input Module:	
Number of work files:	1
Report ID:	NSRBS900
Name:	Shelf Life (ERRORS)
File No:	2
Report ID:	NSRBS901
Name:	Shelf Life
File No:	1

5. Add the Traceable Asset Report to the Batch Task Maintenance (BATCHTSK) in the NS domain with:

Task ID:	NSPRS902
Task name:	Traceable Asset Report
Parameter Input Module:	NSSF902
Number of work files:	0
Report ID:	NSRBS902
Name:	Traceable Asset Report
File No:	1

6. Add the Shelf Life Report to the Batch Job Maintenance (BATCHJOB) in the NS domain with:

Job ID:	SHLF9001
Job Name:	Shelf Life Report
Type of scheduling:	U (User Initiated)
Type of submission:	I (Immediate)
Task ID:	NSPRS901

Add the work files:
//CMWKF01 DD DSN=&&TEMP,DISP=(,DELETE),
// UNIT=SYSDA,SPACE=(TRK,(5,5),RLSE)

7. Add the Traceable Asset Report to the Batch Job Maintenance (BATCHJOB) in the NS domain with:

Job ID:	TRACS902
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Job Name: Traceable Asset Report
Type of scheduling: U (User Initiated)
Type of submission: I (Immediate)
Task ID: NSPRS902

Enhancement 966

8. The following changes are needed for NOSC.

Pre-allocate and catalog work file:

MSIRM.NSMSDD.ITEM.NONTRACE.PGMSTOCK

DCB=(RECFM=FB,LRECL=48,BLKSIZE=4800),SPACE=(CYL,(8,1),RLSE)

Delete existing, pre-allocate and catalog work file:

MSIRM.NSMSDD.ITEM.ORDER.TRACE

DCB=(RECFM=FB,LRECL=87,BLKSIZE=8700),SPACE=(CYL,(8,1),RLSE)

The following change(s) / addition(s) will have to be made to the Job Control Language used in the execution of the NOSC Extract program – EDPUCEXS (formerly NSPUCEXS).

Add the work file:

//CMWKF15 DD DSN=MSIRM.NSMSDD.ITEM.NONTRACE.PGMSTOCK,DISP=SHR

Problem 964

9. Pre-allocate and catalog work file:

MSIRM.XXXXXX.XXXXXX.EDQRY01

DCB=(RECFM=FB,LRECL=93,BLKSIZE=9300),SPACE=(CYL,(5,1),RLSE)

10. In the past certain error conditions in the NASA Online Supply Catalog (NOSC), resulted in the creation of a transaction with a Document Number of blank. The Pre-ET was unable to handle certain errors when passed back to NOSC.

In order to correct this problem, perform the following steps:

- 1) Make a copy of the local data area (NSDLEXIT) used by the Pre-ET and give it a name of EDDLEXIT.
- 2) Stow the local data area (EDDLEXIT).
- 3) Make a copy of the Pre-ET module (NSSRPRET) and give it a name of EDSRPRET.
- 4) Edit EDSRPRET and remove the on error include logic found at the end of the subroutine. Change the local data area to reflect EDDLEXIT instead of NSDLEXIT.
- 5) Stow the Pre-ET subroutine (EDSREXIT).

- 6) Make a copy of the local data area (NSDLUEX1) and give it a name of EDDLUEX1.
- 7) Stow the local data area (EDDLUEX1).
- 8) Make a copy of the subroutine NSSRUEX1 and give it a name of EDSRUEX1.
- 9) Edit EDSRUEX1 and change the reference of NSSRPRET to EDSRPRET. Change the local data area to EDDLUEX1.
- 10) Stow the subroutine (EDSRUEX1).

The modules affected in the NOSC process have been changed to call EDSRUEX1 or EDSRPRET.

3 TECHNICAL INFORMATION

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

3.1 TECHNICAL SYSTEM INTERFACES

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

3.2 DATA DICTIONARY CHANGES

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

3.3 SOFTWARE OBJECT CHANGES

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

3.4 DATABASE ADMINISTRATION

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

3.4.1 Release Dataset Names

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

3.4.2 Inventory of Objects

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

3.4.3 Storage Considerations

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

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions for NSMS Software Release 6.4.0 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

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

4 KNOWN AND OPEN PROBLEMS

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

APPENDIX A

LIST OF ACRONYMS

ADP	Automated Data Processing
CCB	Configuration Control Board
CCR	Change Control Request
DR	Discrepancy Report
JCL	Job Control Language
JIT	Just In Time
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NASA	National Aeronautics and Space Administration
NOSC	NASA On Line Supply Catalog
NSMS	NASA Supply Management System
NSN	National Stock Number
OTC	Over the Counter
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 - (Tracking Quantity at Bin Level)1620# - 885

Modify the system to separate the organization and project capabilities from the bin id capabilities. In receipt of traceable items allow multiple trace data to be entered without having to retype the organizations and projects.

ACTION – Delete the capability from tracking quantity at the bin level. Enhance capability to track quantity at the organization and project level.

Validation

Site Parameter

- Using the Site Parameter Table (SITEPARM) process, press <enter> to receive pop-up window to maintain/display the additional and IFM parameter screens. On the first screen of additional data, attempt to change the update bin indicator to Y. An error should be returned reflecting the update bin indicator must be N. Change to N and press <enter> to receive the screen containing IFM data. Change the IFM installed to N and press <enter>. The data on this screen will be used when IFM is implemented or for testing with IFM.

Add Change or Delete Catalog Detail

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a Catalog Item. When the pop-up window appears, select 'P' to add Part Number information. Enter two or more Part Numbers.

Change NSN

- Using the Asset Scan (SCANASET) process, select an NSN to be used in changing the NSN. The NSN must not exist in a different domain. Select a traceable asset with shelf life data.
- Using the Monitor Transaction (MONTRANS) process, determine if any open transactions exist for the NSN selected.
- Using the Change NSN (CHGNSN) process, change the NSN selected.
- Using the Catalog Scan (CATSCAN), verify the NSN is changed to the new NSN.
- Using the Asset Scan (SCANASET) process, verify the NSN is changed to the new NSN.
- Using the Shelf Life Maintenance (SHLFLIFE) process, verify the NSN is changed to the new NSN.
- Using the Monitor Transaction (MONTRANS) process, verify the NSN is changed to the new NSN for the transactions (if any)

Add, Change or Delete Asset

- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a program stock asset. Press <enter> until the options pop-up window appears. Choose the option to update org/proj (option 4) and press <enter>. Enter one or more of the org/proj ids, process to completion.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a store stock asset, process to completion.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a standby stock asset, process to completion.
- Using the Asset Scan (SCANASET) process, select the asset for viewing. View the detail information for the selected asset. Press <enter> to receive a pop-up window and enter the option () to view the Org/Proj Id. Press <enter>. Verify the org/proj.

Reserve Program Stock, Add ORG/PROJ

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record. Process to completion.
- Using the Add Change or Delete Asset (ADCHGAST) process, add a program stock asset. Associate to the catalog record added in the previous step. Process to completion.
- Using the Inventory Adjustment (INVADJST) process, increase quantity to this non-traceable program stock. Use one Org/Proj. Process to completion.
- Using the Reservation of Program Stock (RESERVE) process, reserve all the quantity of the DNSO created above. Process to completion.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the QTY RESERVED and the QTY OPEN contains the value entered above for the reservation. View the ORG PRJ info and verify that the QUANTITY of the ORG / PROJ is equal to the value entered for the ORG/Project in the reservation.
- Using the Asset Scan (SCANASET) process, view asset of above. Verify that the QUANTITY ON HAND is equal to the quantity of the adjustment and reservation. QUANTITY AVAILIABLE should be zero. View the ORG PROJ INFO and verify that the QUANTITY is correct and QUANTITY AVAILABLE is zero.

Issue Program Stock, Add ORG/PROJ

- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, issue all the quantity of the reserved asset. Process to completion.
- Using the Monitor transaction (MONTRANS) process, display the ISRS transaction type of this asset. Verify that the QTY ISSUED (negative value) contains the value, entered above, for the issue. View the ORG PRJ info and verify that the QUANTITY of the ORG/PROJ is equal to the value entered for the ORG/Project of the issue.

- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the QTY OPEN contains zero. View the ORG PRJ info and verify that the QUANTITY of the ORG/PROJ is zero.
- Using the Asset Scan (SCANASET) process, display asset. Verify that that QUANTITY ON HAND and QUANTITY AVAILIABLE are equal to zero.

Reserve Non-Traceable Program Stock, Add ORG/PROJ

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record. Process to completion.
- Using the Add Change or Delete Asset (ADCHGAST) process, add a program stock asset. Associate to the catalog record added in the previous step. Process to completion.
- Using the Inventory Adjustment (INVADJST) process, increase quantity to this non-traceable program stock. (Ex: 8 Org/Projects with qty of 25 each). Process to completion.
- Using the Reservation of Program Stock (RESERVE) process, reserve some quantity from this inventory. Enter various amounts at the ORG/Projects.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the QTY RESERVED and the QTY OPEN contains the value entered above for the reservation. View the ORG PRJ info and verify that the Quantities of the ORG / PROJ are equal to the values entered for the ORG/Projects in the reservation.
- Using the Asset Scan (SCANASET) process, view the asset reserved. Verify that the QUANTITY ON HAND is unchanged and QUANTITY AVAILIABLE is reduced by the reservation quantity.

Issue Non-Traceable Program Stock, Add ORG/PROJ

- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, issue about $\frac{3}{4}$ of the quantity of the reservation created in 3 above. Do not issue quantity from at least one reserved ORG/Project but issue all the reserve for one. Process to completion.
- Using the Monitor transaction (MONTRANS) process, display the ISRS transaction type of this asset. Verify that the QTY ISSUED (negative value) contains the value entered above for the issue. View the ORG PRJ info and verify that the QUANTITY of the ORG/PROJ is equal to the value entered at the ORG/Project of the issue.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the issue has reduced the QTY OPEN. View the ORG PRJ info and verify that the QUANTITY of the ORG/PROJ is reduced.
- Using the Asset Scan (SCANASET) process, display asset. Verify that that the issue reduces QUANTITY ON HAND. View the ORG PROJ info and verify that the issue reduces the QUANTITY of the ORG PROJ.

Reserve Non-Traceable Program Stock, Add ORG/PROJ

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record. Process to completion.
- Using the Add Change or Delete Asset (ADCHGAST) process, add a program stock asset. Associate to the catalog record added in the previous step. Process to completion.
- Using the Inventory Adjustment (INVADJST) process, increase quantity to this non-traceable program stock. (Ex: 8 Org/Projects with qty of 25 each). Process to completion.
- Using the Reservation of Program Stock (RESERVE) process, reserve some quantity from this inventory. Enter various amounts at the ORG/Projects.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the QTY RESERVED and the QTY OPEN contains the value entered above for the reservation. View the ORG PRJ info and verify that the Quantities of the ORG / PROJ are equal to the values entered for the ORG/Projects in the reservation.
- Using the Asset Scan (SCANASET) process, view the asset reserved. Verify that the QUANTITY ON HAND is unchanged and QUANTITY AVAILABLE is reduced by the reservation quantity.

Issue Non-Traceable Program Stock, Add ORG/PROJ

- Using the Inventory Adjustment (INVADJST) process, increase quantity to the non-traceable program stock. (Ex: 6 Org/Projects with qty of 20 each). Process to completion.
- Using the Reservation of Program Stock (RESERVE) process, reserve some quantity from this inventory. Enter quantity for 15 ORG/Projects. Process to completion.
- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, issue quantity from the reservation created above. Do not issue quantity from at least one reserved ORG/Proj but issue all the reserve for one. Process to completion.
- Using the Monitor transaction (MONTRANS) process, display the ISRS transaction of this asset. Verify that the (-) QTY ISSUED contains the value of the issue. View the ORG PRJ info and verify that the QUANTITY of the ORG/PROJ is equal to the value entered for the ORG/Project of the issue.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the issue has reduced the QTY OPEN. View the ORG PRJ info and verify that the QUANTITY of the ORG/PROJ is reduced.
- Using the Asset Scan (SCANASET) process, display asset. Verify that that the issue reduces QUANTITY ON HAND. View the ORG PROJ info and verify that the issue reduces the QUANTITY of the ORG PROJ.

Adjust Non-Traceable Program Stock, Add ORG/PROJ

- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, adjust the reserved quantity of the reservation used above. (Enter 'A' for Adjust/Cancel Reserve, to decrease the quantity of the reserve.) Process to completion.
- Using the Monitor transaction (MONTRANS) process, display the RSPSA transaction. Verify that the (-) QTY ADJUSTED contains the value of the adjustment. View the ORG PRJ info and verify that the QUANTITY of the ORG/PROJ is equal to the value entered for the ORG/Project of the adjustment.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the adjustment has reduced the QTY OPEN. View the ORG PRJ info and verify that the QUANTITY of the ORG/PROJ is reduced.
- Using the Asset Scan (SCANASET) process, display asset. Verify that that the adjustment reduced QUANTITY AVAILABLE. View the ORG PROJ info and verify that the adjustment increased the QUANTITY AVAIL of the ORG PROJ.

Issue Non-Traceable Program Stock, Add ORG/PROJ

- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, issue all the quantity from the reservation used above. Process to completion.
- Using the Monitor transaction (MONTRANS) process, display the ISRS transaction of this asset. Verify that the (-) QTY ISSUED contains the value of the issue. View the ORG PRJ info and verify that the QUANTITY of the ORG/PROJ is equal to the value entered for the ORG/Project of the issue.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the issue has reduced the QTY OPEN to zero. View the ORG PRJ info and verify that the QUANTITY of the ORG/PROJ is reduced to zero.
- Using the Asset Scan (SCANASET) process, display asset. Verify that that the issue reduces QUANTITY ON HAND. View the ORG PROJ info and verify that the issue reduces the QUANTITY of the ORG PROJects.

Reserve Traceable Program Stock, Add ORG/PROJ

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a Serial number traceable catalog record. Process to completion.
- Using the Add Change or Delete Asset (ADCHGAST) process, add a Serial number traceable program stock asset. Process to completion.
- Using the Inventory Adjustment (INVADJST) process, increase quantity to this Serial number traceable program stock. (Ex: 8 Org/Projects with qty of 10 each). Process to completion.
- Using the Reservation of Program Stock (RESERVE) process, reserve some quantity from this inventory. Enter various amounts for Serial numbers.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the QTY RESERVED and the QTY

OPEN contains the same value entered above for the reservation. View the ORG PRJ info and verify that the Quantities of the / Serial numbers are equal to the values entered for the / Serial numbers in the reservation.

- Using the Asset Scan (SCANASET) process, view the asset reserved. Verify that the QUANTITY ON HAND is increased by the value of the INVADJST and QUANTITY AVAILIABLE is equal to the Qty On Hand minus Reserve quantity.

Issue Serial number Traceable Program Stock, Add ORG/PROJ

- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, issue about $\frac{3}{4}$ of the quantity of the reservation created in 9 above. Do not issue quantity from at least one reserved ORG/Project / Serial number but issue all the reserve for one. Process to completion.
- Using the Monitor transaction (MONTRANS) process, display the ISRS transaction type of this asset. Verify that the QTY ISSUED (negative value) contains the value entered above for the issue. View the ORG PRJ info and verify that the QUANTITY of the Serial numbers are equal to the value entered for the Serial numbers of the issue.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the issue has reduced the QTY OPEN. View the ORG PRJ info and verify that the Quantities of the Serial numbers is reduced.
- Using the Asset Scan (SCANASET) process, display asset. Verify that that the issue reduces QUANTITY ON HAND. View the ORG PROJ info and verify that the issue reduces the Quantities of the Serial numbers.

Reserve Serial Traceable Program Stock, Add ORG/PROJ

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record. Process to completion.
- Using the Add Change or Delete Asset (ADCHGAST) process, add a program stock asset. Associate to the catalog record added in the previous step. Process to completion.
- Using the Inventory Adjustment (INVADJST) process, increase quantity to this non-traceable program stock. (Ex: 8 Org/Projects with qty of 25 each). Process to completion.
- Using the Reservation of Program Stock (RESERVE) process, reserve some quantity from this inventory. Enter various amounts for Serial numbers.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the QTY RESERVED and the QTY OPEN contains the value entered above for the reservation. View the ORG PRJ info and verify that the Quantities of the Serial numbers are equal to the values entered for the Serial numbers in the reservation.
- Using the Asset Scan (SCANASET) process, view the asset reserved. Verify that the QUANTITY ON HAND is unchanged and QUANTITY AVAILIABLE is reduced by the reservation quantity.

Issue Serial number Traceable Program Stock, Add ORG/PROJ

- Using the Inventory Adjustment (INVADJST) process, increase quantity to the serial number traceable program stock. (Ex: 6 Org/Projects with qty of 20 each). Process to completion.
- Using the Reservation of Program Stock (RESERVE) process, reserve some quantity from this inventory. Enter quantity for 15 Serial numbers. Process to completion.
- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, issue quantity from the reservation created above. Don't issue quantity from at least one reserved Serial number but issue all the reserve for one. Process to completion.
- Using the Monitor transaction (MONTRANS) process, display the ISRS transaction of this asset. Verify that the (-)QTY ISSUED contains the value of the issue. View the ORG PRJ info and verify that Quantities of the Serial numbers are equal to the value entered for the ORG/Project of the issue.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the issue has reduced the QTY OPEN. View the ORG PRJ info and verify that the Quantities of the Serial numbers are reduced.
- Using the Asset Scan (SCANASET) process, display asset. Verify that that the issue reduces QUANTITY ON HAND. View the ORG PROJ info and verify that the issue reduces the QUANTITY of the Serial numbers.

Adjust Serial number Traceable Program Stock, Add ORG/PROJ

- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, adjust the reserved quantity of the reservation used above. (Enter 'A' for Adjust/Cancel Reserve, to decrease the quantity of the reserve.) Process to completion.
- Using the Monitor transaction (MONTRANS) process, display the RSPSA transaction. Verify that the (-) QTY ADJUSTED contains the value of the adjustment. View the ORG PRJ info and verify that the QUANTITY of the Serial numbers is equal to the value entered for the Serial numbers of the adjustment.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the adjustment has reduced the QTY OPEN. View the ORG PRJ info and verify that the QUANTITY of the Serial numbers are reduced.
- Using the Asset Scan (SCANASET) process, display asset. Verify that that the adjustment reduced QUANTITY AVAILABLE. View the ORG PROJ info and verify that the adjustment increased the QUANTITY AVAIL of the Serial numbers.

Issue Serial number Traceable Program Stock, Add ORG/PROJ

- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, issue all the quantity from the reservation used above. Process to completion.

- Using the Monitor transaction (MONTRANS) process, display the ISRS transaction of this asset. Verify that the (-) QTY ISSUED contains the value of the issue. View the ORG PRJ info and verify that the QUANTITY of the Serial numbers are equal to the value entered for the Serial numbers of the issue.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the issue has reduced the QTY OPEN to zero. View the ORG PRJ info and verify that the QUANTITY of the Serial numbers are reduced to zero.
- Using the Asset Scan (SCANASET) process, display asset. Verify that that the issue reduces QUANTITY ON HAND. View the ORG PROJ info and verify that the issue reduces the QUANTITY of the Serial numbers.

Reserve Traceable Program Stock, Add ORG/PROJ

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a Serial number traceable catalog record. Process to completion.
- Using the Add Change or Delete Asset (ADCHGAST) process, add a Lot/Batch traceable program stock asset. Process to completion.
- Using the Inventory Adjustment (INVADJST) process, increase quantity to this Lot/Batch traceable program stock. (Ex: 8 Org/Projects with qty of 10 each). Process to completion.
- Using the Reservation of Program Stock (RESERVE) process, reserve some quantity from this inventory. Enter various amounts for Lot/Batches.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the QTY RESERVED and the QTY OPEN contains the same value entered above for the reservation. View the ORG PRJ info and verify that the Quantities of the Lot/Batch are equal to the values entered for the Lot/Batch in the reservation.
- Using the Asset Scan (SCANASET) process, view the asset reserved. Verify that the QUANTITY ON HAND is increased by the value of the INVADJST and QUANTITY AVAILIABLE is equal to the Qty On Hand minus Reserve quantity.

Issue Lot Batch Traceable Program Stock, Add ORG/PROJ

- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, issue about $\frac{3}{4}$ of the quantity of the reservation created in 9 above. Do not issue quantity from at least one reserved ORG/Project / Lot/Batch but issue all the reserve for one. Process to completion.
- Using the Monitor transaction (MONTRANS) process, display the ISRS transaction type of this asset. Verify that the QTY ISSUED (negative value) contains the value entered above for the issue. View the ORG PRJ info and verify that the QUANTITY of the Lot/Batches are equal to the value entered for the Lot/Batches of the issue.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the issue has reduced the QTY

OPEN. View the ORG PRJ info and verify that the Quantities of the Lot/Batch is reduced.

- Using the Asset Scan (SCANASET) process, display asset. Verify that that the issue reduces QUANTITY ON HAND. View the ORG PROJ info and verify that the issue reduces the Quantities of the Lot/Batches.

Reserve Lot Batch Traceable Program Stock, Add ORG/PROJ

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record. Process to completion.
- Using the Add Change or Delete Asset (ADCHGAST) process, add a program stock asset. Associate to the catalog record added in the previous step. Process to completion.
- Using the Inventory Adjustment (INVADJST) process, increase quantity to this Lot/Batch traceable program stock. (Ex: 8 Org/Projects with qty of 25 each). Process to completion.
- Using the Reservation of Program Stock (RESERVE) process, reserve some quantity from this inventory. Enter various amounts for Lot/Batches.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the QTY RESERVED and the QTY OPEN contains the value entered above for the reservation. View the ORG PRJ info and verify that the Quantities of the Lot/Batches are equal to the values entered for the Lot/Batches in the reservation.
- Using the Asset Scan (SCANASET) process, view the asset reserved. Verify that the QUANTITY ON HAND is unchanged and QUANTITY AVAILIABLE is reduced by the reservation quantity.

Issue Lot Batch Traceable Program Stock, Add ORG/PROJ

- Using the Inventory Adjustment (INVADJST) process, increase quantity to the Lot/Batch traceable program stock. (Ex: 6 Org/Projects with qty of 20 each). Process to completion.
- Using the Reservation of Program Stock (RESERVE) process, reserve some quantity from this inventory. Enter quantity for 15 Lot/Batches. Process to completion.
- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, issue quantity from the reservation created above. Don't issue quantity from at least one reserved Lot/Batch but issue all the reserve for one. Process to completion.
- Using the Monitor transaction (MONTRANS) process, display the ISRS transaction of this asset. Verify that the (-)QTY ISSUED contains the value of the issue. View the ORG PRJ info and verify that Quantities of the Lot/Batches are equal to the value entered for the Lot/Batch of the issue.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the issue has reduced the QTY OPEN. View the ORG PRJ info and verify that the Quantities of the Lot/Batches are reduced.

- Using the Asset Scan (SCANASET) process, display asset. Verify that that the issue reduces QUANTITY ON HAND. View the ORG PROJ info and verify that the issue reduces the QUANTITY of the Lot/Batches.

Adjust Lot batch Traceable Program Stock, Add ORG/PROJ

- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, adjust the reserved quantity of the reservation used above. (Enter 'A' for Adjust/Cancel Reserve, to decrease the quantity of the reserve.) Process to completion.
- Using the Monitor transaction (MONTRANS) process, display the RSPSA transaction. Verify that the (-) QTY ADJUSTED contains the value of the adjustment. View the ORG PRJ info and verify that the QUANTITY of the Lot/Batch is equal to the value entered for the Lot/Batches of the adjustment.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the adjustment has reduced the QTY OPEN. View the ORG PRJ info and verify that the QUANTITY of the Lot/Batches are reduced.
- Using the Asset Scan (SCANASET) process, display asset. Verify that that the adjustment reduced QUANTITY AVAILABLE. View the ORG PROJ info and verify that the adjustment increased the QUANTITY AVAIL of the Lot/Batch.

Issue Reserved Lot Batch Traceable Program Stock, Add ORG/PROJ

- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, issue all the quantity from the reservation used above. Process to completion.
- Using the Monitor transaction (MONTRANS) process, display the ISRS transaction of this asset. Verify that the (-) QTY ISSUED contains the value of the issue. View the ORG PRJ info and verify that the QUANTITY of the Lot/Batches are equal to the value entered for the Lot/Batches of the issue.
- Using the Monitor transaction (MONTRANS) process, display the RSPS transaction type of this asset. Verify that the issue has reduced the QTY OPEN to zero. View the ORG PRJ info and verify that the QUANTITY of the Lot/Batches are reduced to zero.
- Using the Asset Scan (SCANASET) process, display asset. Verify that that the issue reduces QUANTITY ON HAND. View the ORG PROJ info and verify that the issue reduces the QUANTITY of the Lot/Batches.

Release Due Outs

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a traceable catalog record.
- Using the Add, Change or Delete (ADCHGAST) process, add a store stock asset , program stock asset and a standby asset for the catalog record just created. Add bins to all of the asset records. The store stock asset will be known as ASSET1, the program stock asset will be known as ASSET2, and the standby stock asset will be known as ASSET3.
- Using the Create Manual Due-Out (MANUALDO) process, add a Due-Out for each asset.

- Using the Receive Due-In/Not Due-In (DINOTDI) process, receive a quantity less than the Due-Out for ASSET1. Reply Yes to release Due-Outs.
- Using the Monitor Transaction (MONTRANS) process, view the Due-Out release transaction.
- Using the Asset Scan (SCANASET) process, verify the asset quantity and price are zero and the quantity Due-Out is greater than zero.
- Using the Receive Due-In/Not Due-In (DINOTDI) process, receive a quantity equal to the Due-Out quantity for ASSET2. Reply Yes to release Due-Outs.
- Using the Monitor Transaction (MONTRANS) process, view the Due-Out release transaction.
- Using the Asset Scan (SCANASET) process, verify the asset quantity is the difference of the receipt minus the due out and the quantity Due-Out is 0.
- Using the Receive Due-In/Not Due-In (DINOTDI) process, receive a quantity greater than the Due-Out quantity for ASSET3. Reply Yes to release Due-Outs.
- Using the Monitor Transaction (MONTRANS) process, view the Due-Out release transaction.
- Using the Asset Scan (SCANASET) process, verify the asset quantity and price are not zero and the quantity Due-Out is 0.
- Using the Create Manual Due-Out (MANUALDO) process, add a Due-Out for each asset.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of each asset. Reply Yes to release Due-Outs.
- Using the Monitor Transaction (MONTRANS) process, view the Due-Out release transactions.

Unit of Issue Change

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record. Process to completion.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a store stock asset. Enter the unit of issue as 'EA'. Process to completion.
- Using the Inventory Adjustment (INVADJST) process, increase the asset's quantity to 12. Process to completion.
- Using the Unit of Issue Change (UNTISCHG) process, change the unit of issue from 'EA' to 'DZ' and 12 as the conversion factor. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, verify the unit of issue (AUIIC) transaction was created.
- Using the Asset Scan (SCANASET) process, verify the unit of issue was changed to 'DZ' for the asset.

Stock Status Conversion

- Using the Asset Scan (SCANASET) process, select a store or standby stock asset. The asset must not have open due in or due outs nor any suspended transactions.
- Using the STOCK STATUS/OWNER CONVERSION (STATOWNC) process, change the stock status code or ownership of the selected asset.
- Using the Monitor Transaction (MONTRANS) process, verify the Stock Status/Owner Conversion (ASOC) transactions were created.
- Using the Asset Scan (SCANASET) process, verify the asset selected to change does not exist and the new asset exists with the new stock status code/ownership.

Organization/Project Transfer

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add two catalog records. Add one as traceable and the other as non-traceable. The traceable record will be known as Asset1 and the non-traceable will be known as Asset2. Process to completion.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add program stock assets for Asset1 and Asset2. Enter at least two organizations/projects to the assets.
- Using the Inventory Adjustment (INVADJST) process, add some quantity to Asset1 and Asset2 and also the org and project. Process to completion. (Note the org/proj.)
- Using the Add, Change, or Delete Asset (ADCHGAST) process, change Asset1 by adding quality sensitive data. Process to completion.
- Using the Organization/Project Transfer (ORGTRNSF) process, transfer quantity from Asset2 enter the organization and projects from above. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, verify the organization/project transfer (ORPT) transactions were created.
- Using the Organization/Project Transfer (ORGTRNSF) process, transfer quantity from Asset1 and also the organization and project. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, verify the organization/project transfer (ORPT) transactions were created.
- Using the Organization/Project Transfer (ORGTRNSF) process, transfer quantity from Asset1 and also the organization and projects from above. Enter a 'Y' in the QS field to view the quality sensitive data. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, verify the organization/project transfer (ORPT) transactions were created.
- Using the Asset Scan (SCANASET) process, verify the quantities for the organization/project are correct according to the transfers between the organization/project.

Receipt Reversal

- Using the Add, Change or Delete Catalog Detail (CATADCHG) process, add a non traceable catalog record.
- Using the Add, Change or Delete Asset (ADCHGAST) process, create four assets for the catalog record. Create two program stock and two store stock assets.
- Using the Inventory Adjustment (INVADJST), increase the quantity for each store stock and each program stock asset by 5.
- Using the Receive Due-In Not-Due-In (DINOTDI) process, receive a quantity of 2 for each of the assets. Note the Document Numbers of the receipt transactions.
- Using the Transaction Reversals (REVTRANS) process, reverse the Receipt transactions that were generated above.
- Using the Asset Scan (SCANASET) process, verify the quantities available for the assets.
- Using the Add, Change or Delete Catalog Detail (CATADCHG) process, add a traceable catalog record.
- Using the Add, Change or Delete Asset (ADCHGAST) process, create four assets for the catalog record. Create two program stock and two store stock assets.
- Using the Inventory Adjustment (INVADJST), increase the quantity for each store stock and each program stock asset by 5.
- Using the Receive Due-In Not-Due-In (DINOTDI) process, receive a quantity of 2 for each of the assets. Note the Document Numbers of the receipt transactions.
- Using the Transaction Reversals (REVTRANS) process, reverse the Receipt transactions that were generated above.
- Using the Asset Scan (SCANASET) process, verify the quantities available for the assets.

Turn-In Reversal

- Using the Add, Change or Delete Catalog Detail (CATADCHG) process, add a non-traceable catalog record.
- Using the Add, Change or Delete Asset (ADCHGAST) process, create four assets for the catalog record. Create two program stock and two store stock assets.
- Using the Inventory Adjustment (INVADJST), increase the quantity for each store stock and each program stock assets by 5
- Using the Off-Site Transfer (OFFSITIS) process, transfer a quantity of 2 for each of the assets.
- Using the Receive Turn-In for Credit/Nocredit (TURNIN) process, turn-in a quantity of 1 for each of the assets. Note the Document Numbers of the turn-ins.

- Using the Transaction Reversals (REVTRANS) process, reverse the Turn-In transactions that were generated above.
- Using the Asset Scan (SCANASET) process, verify the quantities available for the assets.
- Using the Add, Change or Delete Catalog Detail (CATADCHG) process, add a traceable catalog record.
- Using the Add, Change or Delete Asset (ADCHGAST) process, create four assets for the catalog record added. Create two program stock and two store stock assets.
- Using the Inventory Adjustment (INVADJST), increase the quantity for each store stock and each program stock asset by 5.
- Using the Off-Site Transfer (OFFSITIS) process, transfer a quantity of 2 for each of the assets.
- Using the Receive Turn-In for Credit/Nocredit (TURNIN) process, turn-in a quantity of 1 for each of the assets. Note the Document Numbers of the turn-ins.
- Using the Transaction Reversals (REVTRANS) process, reverse the Turn-In transactions that were generated above.
- Using the Asset Scan (SCANASET) process, verify the quantities available for the assets.

Create Suspended Excess Transaction

- Using the Add, Change or Delete Catalog Detail (CATADCHG) process, add a non traceable catalog record.
- Using the Add, Change or Delete Asset (ADCHGAST) process, create four assets for the catalog record added. Create two program stock and two store stock assets.
- Using the Inventory Adjustment (INVADJST), increase the quantity for each store stock and each program stock asset by 5.
- Using the Create Suspended Excess Transaction (DISPAST) process, issue Suspended Excess Transactions for quantity of 2 for each of the assets.
- Using the Asset Scan (SCANASET) process, verify the quantities available for the assets.
- Using the Add, Change or Delete Catalog Detail (CATADCHG) process, add a traceable catalog record.
- Using the Add, Change or Delete Asset (ADCHGAST) process, create four assets for the catalog record added. Create two program stock and two store stock assets.
- Using the Inventory Adjustment (INVADJST), increase the quantity for each store stock and each program stock asset by 5.
- Using the Create Suspended Excess Transaction (DISPAST) process, issue Suspended Excess Transactions for quantity of 2 for each of the assets.

- Using the Asset Scan (SCANASET) process, verify the quantities available for the assets.

Adjust Excess Disposal Transaction

- 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 total 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). Make note of the transactions' Document Numbers—they will be used in the next step.
- 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), and that the traceable information can be viewed and is correct.
- Repeat the above steps for Serial Number Traceable.

Post Post Issue

- Using the Add, Change or Delete Catalog Detail (CATADCHG) process, add a non-traceable catalog record.
- Using the Add, Change or Delete Asset (ADCHGAST) process, create four assets for the catalog record added. Create two program stock and two store stock assets.
- Using the Inventory Adjustment (INVADJST), increase the quantity for each store stock and each program stock assets.
- Using the Issue Post Post (ISSUEPP) process, issue quantity for each of the assets.
- Using the Asset Scan (SCANASET) process, verify the quantities and quantities available for the assets.
- Using the Monitor Transaction (MONTRANS) process, verify the issue transfer (ISPP) transactions.

Off Site Transfer

- Using the Add, Change or Delete Catalog Detail (CATADCHG) process, add a non-traceable catalog record.
- Using the Add, Change or Delete Asset (ADCHGAST) process, create four assets for the catalog record added. Create two program stock and two store stock assets.
- Using the Inventory Adjustment (INVADJST), increase the quantity for each store stock and each program stock assets.
- Using the Off-Site Transfer (OFFSITIS) process, transfer quantity off-site for each of the assets.
- Using the Asset Scan (SCANASET) process, verify the quantities and quantities available for the assets.
- Using the Monitor Transaction (MONTRANS) process, verify the issue transfer (IST_) transactions.

Pre-Post Issue Transaction Adjustment

- Using the Add, Change or Delete Catalog Detail (CATADCHG) process, add a non-traceable catalog record.
- Using the Add, Change or Delete Asset (ADCHGAST) process, create four assets for the catalog record added in step1. Create two program stock and two store stock assets.
- Using the Inventory Adjustment (INVADJST), increase the quantity for each store stock and each program stock assets by 5 units of issue.
- Using the Create Issue Directive (ISSUEPRE) process, issue a quantity of 2 for each of the assets. Note the Document Numbers.
- Using the Issue – Unit Pack Adjustment (PACKADJ) process, reduce the quantity transferred for each of the assets to 1.
- Using the Asset Scan (SCANASET) process, verify the quantities available for the assets.

Asset Scan

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a traceable catalog record. Process to completion.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a program stock asset. Add a bin-id, quality codes and application ids. Process to completion.
- Using the I & S Table Maintenance (IANDSTAB) process, add the NSN to the table. Process to completion.
- Using the Inventory Adjustment (INVADJST) process, increase the asset's quantity. Process to completion.
- Using the Asset Scan (SCANASET) process, verify the data entered in the previous steps matches the data displayed.

Organization/Project Transfer

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add two catalog records make one catalog record traceable (Asset 1) and one non traceable (Asset 2). Process to completion.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a traceable asset for Asset 1 with at least one org/project. Add a non-traceable program stock asset for Asset 2 with at least one org/project.
- Using the Inventory Adjustment (INVADJST) process, add some quantity to Asset 1 and 2 assets. Process to completion.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, change the traceable asset (Asset 1) and press <enter>. A pop up window will be displayed enter a "2" in the update the trace data field and press <enter>. Enter a "Y" in the QS field and enter the quality sensitive data. Process to completion.
- Using the Organization/Project Transfer (ORGTRNSF) process, enter the non traceable asset (Asset 2) created in the previous steps. Process to completion.

- Using the Monitor Transaction (MONTRANS) process, select the non traceable asset for viewing. Verify that the unit of issue (ORPT) transactions were created.
- Using the Organization/Project Transfer (ORGTRNSF) process, enter the traceable asset created in the previous steps and process to completion.
- Using the Monitor Transaction (MONTRANS) process, select the traceable asset for viewing. Verify that the unit of issue (ORPT) transactions were created.
- Using the Organization/Project Transfer (ORTRNSF) process, enter the traceable asset created in the previous steps and enter a quantity and a “Y” in the QS field to view the quality sensitive data. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, select the traceable asset for viewing. Verify that the unit of issue (ORPT) transactions were created.

Reorder

- Using the Supply Source Table Maintenance (SORCETBL), find a supply source with a Supply Source Type of “C”.
- Using the Vendor Id Table Maintenance (VENDTBL) process, locate a vendor id.
- Using the Add, Change or Delete Catalog Detail (CATADCHG) process, add a catalog record containing the supply source and vendor id located in the previous steps.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset for the catalog record. Enter the reorder point quantity as 1, the estimated average monthly demand as 4, the unit of issue must be “PL” and the average price must be \$1000.00.
- At the next prompt, edit the ad-hoc (NSMSASET). Change the DNSO (line 70) to the values added in the previous step. Run the ad-hoc.
- Using the Reorder (REORDER) process, execute the batch job.
- Using the Order Notice Review (ORDNOTRV) process, enter a ‘C’ (for commercial) in the selection field, enter ‘X’ for review and enter a value in the reorder field. Process to completion.
- Using the Reorder (REORDER) process, execute the batch job.
- Using the Monitor transaction process (MONTRANS), verify the due in batch commercial (DIBC) transaction for the asset.

Delete Discontinued Assets

- Using the Delete Discontinued Assets Record (DELDISAS) process, execute the job.
- Using the Monitor Transaction (MONTRANS) process, verify the asset delete transactions were created.
- Using the Asset Scan (SCANASET) process, verify the deleted assets are not displayed.

Asset NSN Listing

- Using the Asset NSN Listing (NSNLIST) process, execute the job.
- Using the Asset Scan (SCANASET) process, verify the primary bin of several assets that appear on the report.

Shelf Life Report

- Using the Shelf Life Report (SHELFRPT) process, execute the job. Using the Asset Scan (SCANASET) process, verify the bin locations of several assets that appear on the report.

Complete Excess Report

- Using the Complete Excess Report (EXCESS) process, execute the batch job. Select an asset from the report to modify.
- Using the Add/Change Asset (ADCHGAST) process, add a random number of bins to the asset.
- Using the Complete Excess Report (EXCESS) process, execute the batch job. Verify that all bin-id's for the asset are reflected on the report.

Partial Excess Report

- Using the Scan Asset (SCANASET) process, search for an active, store-stock asset.
- Using the Stock Inquiry (STOCKINQ) process, compare the on-hand quantity of the asset to that asset's SOQ, or Stock Objective Quantity. For the asset to appear on the Partial Excess Report, the on-hand quantity must be greater than its SOQ. Make note of the EOQ months for the asset.
- Using the Post Post Issue (ISSUEPP) process, issue a request for the asset, entering a date PRIOR to the current date, requesting an amount greater than the EOQ for the asset.
- If necessary, use the Inventory Adjustment (INVADJST) process to increase the asset's on-hand quantity so that the quantity on-hand is greater than SOQ.
- Using the Add/Change Asset (ADCHGAST) process, add some bins to the asset.
- Using the Partial Excess Report (PRTEXCES) process, execute the batch job. Verify that all bin-id's for the asset are reflected on the report.

Project Id With Related Assets Report

- Using the Asset Scan (SCANASET) process, select a program stock asset with a project id.
- Using the Project ID W Related Assets Report (PRJASRPT) process, enter the project id for the asset selected and submit the batch job. Process to completion. Verify the asset selected appears on the report.

Unit of Issue Change

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record. Process to completion.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add a store stock asset, process to completion.

- Using the Unit of Issue Change (UNTISCHG) process, enter the asset created in the previous step and process to completion.
- Using the Monitor Transaction (MONTRANS) process, select the asset for viewing. Verify that the unit of issue (AUIC) transaction was created.

Transfer Asset

- Using the Add, Change or Delete Detail (CATADCHG), add three catalog records. One that is not traceable (blank trace field). One that is lot traceable (l in the trace field). The third one, make serial traceable (s in the trace field).
- Using the Add, Change or Delete Asset (ADCHGAST), add eighteen assets. Add two assets for each Stock Status Code (store (1), program (2) and standby (3)) per catalog record. Enter a PSS/SS Office Symbol (ORG) & Prog Stock Proj ID (PROJ).
- Using the Inventory Adjustment (INVADJST), increase the quantity for nine of the assets. (i.e., increase one store, one program and one standby asset). Enter multiple ORG/PROJ and/or trace keys where applicable.
- Using the Transfer Asset (TRANSAST), transfer quantity from one Stock Status Code to the same Stock Status Code for a given asset. Enter multiple ORG/PROJ and/or trace keys where applicable.
- Using the Asset Scan (SCANASET), verify the quantities for the assets.
- Using the Monitor Transaction (MONTRANS), verify the transfer transactions.
- Using the Transfer Asset (TRANSAST), transfer quantity between Stock Status Codes (i.e., from store stock to program, program to store stock, etc.) Enter multiple ORG/PROJ and/or trace keys where applicable.
- Using the Asset Scan (SCANASET), verify the quantities for the assets.
- Using the Monitor Transaction (MONTRANS), verify the transfer transactions.

Inventory Adjustment

- Using the Add, Change or Delete Catalog Detail (CATADCHG) process, add three catalog records. One that is not traceable (blank trace field). One that is lot traceable (l in the trace field). The third one make serial traceable (s in the trace field).
- Using the Add, Change or Delete Asset (ADCHGAST) process, add nine asset records. Add a store stock (status code of '1'), program stock (status code of '2'), and a standby stock (status code of '3') for each catalog record. Enter a PS/SS Office Symbol (ORG) & Prog Stock Proj ID (PROJ).
- Using the Inventory Adjustment (INVADJST) process, increase the quantity for the assets. Enter multiple ORG/PROJ and/or trace keys where applicable.
- Using the Monitor Transaction (MONTRANS) process, verify the adjustment transaction.
- Using the Inventory Adjustment (INVADJST) process, decrease the quantity for the assets.
- Using the Asset Scan (SCANASET) process, verify the quantities are correct according to the adjustment transactions.

- Using the Monitor Transaction (MONTRANS) process, verify the adjustment transactions.

Inventory Counts

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a traceable catalog record and a non-traceable record.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add several assets for each of the above catalog records.
- Using the Inventory Adjustment (INVADJST) process, increase the quantities for the above assets.
- Using the Process Inventory Counts (INVCTSMM) process, build an inventory control record. Enter option 1, unique Run Id and 'FSA' as the Inventory type. Enter the values for all the above assets.
- Enter 'N' for 'IGNORE MATCHING COUNTS' and finish building the control record.
- Using the Process Inventory Counts (INVCTSMM) process, execute the batch job to Build the Inventory lot (option 3) for the above Run Id. Process to completion.
- Using the Process Inventory Counts (INVCTSMM) process, execute the batch job to Produce the Warehouse Data Collection Report (option 4) for the above Run Id. Process to completion.
- Using the Process Inventory Counts (INVCTSMM) process, execute the Process Warehouse Counts (option 5) for the above Run Id. Enter quantity (count) for each of the assets appearing on the main count screen. Be sure to leave some of the assets unbalanced. Process to completion.
- Using the Process Inventory Counts (INVCTSMM) process, execute the batch job to Produce the Warehouse Data Collection Report (option 4) for the above Run Id. Process to completion. This will advance run status to 2.
- Using the Process Inventory Counts (INVCTSMM) process, execute the Process Warehouse Counts (option 5) for the Run Id. For each of the unbalanced assets, enter a quantity equal to the quantity in count 1. Leave one asset unbalanced and with count 2 different from count1. Process to completion.
- Using the Process Inventory Counts (INVCTSMM) process, execute the batch job to Produce the Warehouse Data Collection Report (option 4) for the above Run Id. Process to completion. This will advance run status to 3.
- Using the Process Inventory Counts (INVCTSMM) process, execute the Process Warehouse Counts (option 5) for the Run Id. Review all unbalanced assets and verify that assets with count 1 equal to count 2 are not displayed.
- Using the Process Inventory Counts (INVCTSMM) process, execute the Perform Final Adjustment (option 7) for the above Run Id. Process to completion.

- Using the Process Inventory Counts (INVCTSMM) process, execute the Produce Inventory Control Report (option 8) for the above Run Id. Process to completion.
- Using MONTRANS, verify that adjustment transactions are generated for all unbalanced assets including those with matched counts.
- Repeat the above steps entering a 'Y' for 'IGNORE MATCHING COUNTS' and verify that when 2 counts are matched, the item will appear for the following count.
- Repeat the above steps for all the different types of inventories.

2. ENHANCEMENT - (Integrated Financial Management Program (IFMP)) 1620 # – 924

Change NSMS to contain Organization Cost Account (OCA) and Program Cost Account (PCA) which is needed by IFMP.

ACTION - Change NSMS to carry OCA/PCA which is required by IFMP.

VALIDATION

- Using the Site Parameter Table (SITEPARM) process, press <enter> to display pop-up window. Select both options by entering a 'Y' in the respective option fields. Enter data on the screen which contains the ADDITIONAL PARAMETERS fields. Press <enter>. Enter data on the screen which contains the IFM PARAMETERS fields. Press <enter>. Process to completion.

3. ENHANCEMENT - (Excess Assets) 1620# - 938

The Federal Register, July 27, 1998, Excess Personal Property Reporting Requirements (FPMR Amendment H-198). This policy reduces the number of codes from 11 to 5 and more accurately define the condition of the excess personal property.

ACTION - Update the Disposal Condition Codes in NSMS.

VALIDATION

- Using the Catalog Scan (CATSCAN) process, select a catalog record and an asset that has quantity on-hand. (Action of 5 on the catalog screen will display assets.)
- Using the Create Suspended Excess Transaction (DISPAST) process, add an Excess Transaction (AXSS) for the asset selected from the previous step. Enter a disposal condition code other than 1, 4, 7, S, or X. An error should be displayed reflecting the disposal code must be 1, 4, 7, S or X. Change the

disposal code to one of the valid codes and process to completion. Note the document number of the transaction.

- Using the Update Suspended Excess Transaction (EXCESSUP) process, update the Excess Transaction (AXSS) created in previous step with an invalid disposal code. An error should be displayed reflecting the disposal code must be 1, 4, 7, S or X. Change the disposal code to a valid code and process to completion.
- Submit the Create NPDMS interface (NPDMSINT) job. Verify the asset chosen for the excess transaction is on the report.
- 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 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 transaction.
- Using the Adjust Excess Disposal Transaction (XCADJUST) process, enter the Document Number of the AXCS transaction and increase the quantity by 1. Process to completion.
- Using the Monitor Transaction (MONTRANS) process, verify an Adjust Excess Disposal Transaction (AXCSA) was created. If the asset is traceable, verify that the transaction has the correct traceable information.

4. ENHANCEMENT - (ISO9001 Catalog, Traceable Data Report) 1620 # – 952

Currently NSMS does not have a reporting means on traceable assets, since the ISO9001 procedures requirement, state we must have reporting and trackable record keeping. This is a problem for Stennis as it should be for all centers. Need a report that would list/report each record, generic/technical name, descriptions, part numbers, qty on hand, bin data, trace data and quality criteria codes.

ACTION - Create a core report that could be selected by different parameters; trace codes, quality criteria values.

VALIDATION

- Using the Traceable Asset Report (TRACS902) process, enter selection code 2 (Quality Criteria Code), delete any default values present on lines 1 or 3, and enter an asterisk (*, a 'wild card' value encompassing all valid QCCs) on line 2 (Quality Criteria Code). Process to completion.
- Using the Catalog Scan (CATSCAN) process and Asset Scan (SCANASET) process, enter an asset listed in the printed report and display only the

highlighted options that are available in the 'Display Options' submenu. Verify the accuracy of the asset's generic/technical name, quantity on hand, unit of issue, descriptions, part numbers, bin data, trace data, flight data, and quality criteria codes shown in the printed report.

5. ENHANCEMENT - (ISO9001 Shelf Life Report) 1620 # – 953

Currently the only reporting available from NSMS is the expiring shelf life by data parameter. Due to ISO9001 requirement, Stennis needs the ability to pull all data on shelf life assets.

ACTION - Create a core report that could list/report all data in the shelf maintenance file capturing stock numbers, generic/technical names, receipt date, manufacturers date, expiration date, qty for each receipt, qty on hand, bin id.

- Using the Asset Report (ASSETRPT) process, enter selection code 15 (Shelf Life Report). Process to completion.
- Using the Catalog Scan (CATSCAN) process, Asset Scan (SCANASET) process, and Shelf Life Maintenance (SHLFLIFE) process, enter an asset found in the Shelf Life Report and display only the display options that are available (in the 'Display Options' submenu). Verify the accuracy of the asset's generic/technical name, receipt date, manufacture date, quantity for each receipt, quantity on hand, and bin-id(s) shown in the printed report.
- Using the Catalog Scan (CATSCAN) process, Asset Scan (SCANASET) process, and Shelf Life Maintenance (SHLFLIFE) process, enter an asset found in the Assets With Shelf Life Errors Report and display only the display options that are available. Where data or messages are present, verify the accuracy of the error message(s) displayed in the printed error report, the asset's generic/technical name, receipt date, quantity for each receipt, quantity on hand, and bin-id(s) shown in the printed error report.

6. ENHANCEMENT - (Archival/Reload of Archival) 1620# - 954

The Archival and Reload of the Archival processes need to be updated with the data added to/removed from the transaction file as of 1994.

ACTION – Update the processes to include the new fields added to the transaction file and to exclude the fields removed from the transaction file.

VALIDATION

Archival:

- Using the Batch Job Maintenance (BATCHJOB) process, reveal the dataset name of the workfile used in the job named “Transaction Archival” (Job ID: ARCHIVE). Make note of the workfile dataset name and use system utilities to make a backup copy of the workfile dataset to a similarly configured dataset with a unique name. [Note: In the test environment, the workfile dataset is overwritten by each successive use of the Transaction Archival Batch Job (ARCHIVE) process.]
- Using the Monitor Transaction–Multipurpose (MONTRANS) process, select one or more existing transactions which are suitable for archival. Use all available options on the “Display Options” submenu to make note of all the attributes of these transactions. These notes will be needed in the restoration phase. Note: each transaction suitable for archival must meet the following criteria:
 - The transaction’s fiscal year must be older than the current fiscal year and the previous fiscal year.
 - The transaction is not a due-in or due-out with an open quantity
 - The transaction is not a due-in adjustment or due-out adjustment which refers back to an open due-in or due-out
 - The transaction is not a receipt which refers back to an open due-in.
 - The transaction is not a due-out release which refers back to an open due-out.
 - The transaction is not a suspended transaction.
- Using the Transaction Archival Batch Job (ARCHIVE) process, enter the fiscal year of the transaction selected above. Process to completion.
- Examine the Transactions Archival Exception Report produced in the previous step. Verify that the Transaction Archival Batch Job (ARCHIVE) process completed normally. At the end of the report, please note the number of transactions which were successfully archived. This number reflects the total number of suitable transactions archived from the fiscal year selected for archival and all dates prior to that fiscal year; it will be needed in the restoration phase.
- If any transactions were successfully archived, use system utilities to make a backup copy of the workfile dataset to a similarly configured dataset with a unique name.
- If no transactions were successfully archived, select a different fiscal year—one which contains transactions which qualify for archival under the rules shown above and which is more recent than the fiscal year selected in the prior attempt—then repeat the entire test, omitting the making of the preparatory backup copy of the archival workfile dataset.
- Using the Monitor Transaction–Multipurpose (MONTRANS) process, verify that the one or more transactions selected and noted above were deleted. If any transactions remain from the fiscal year archived above, or from a fiscal

year prior to the fiscal year archived above, select one which remains and verify its presence in the Transactions Archival Exception Report.

Restoration (Reload of Archival):

- Using the Batch Job Maintenance (BATCHJOB) process, ensure that the dataset name of the workfile used in the job named “Restore Trans From Archival” (Job ID: RESTORE) is identical to the dataset name of the workfile used in the job named “Transaction Archival” (Job ID: ARCHIVE). If it is necessary to revise the restoration workfile dataset name to conform to the , archival workfile dataset name, make note of the prior restoration workfile dataset name so that the revision can be undone later.
- Using the Transactions Restoration from Archive (RESTORE) process, enter the fiscal year selected for archival in the archival phase. Process to completion.
- Using the Monitor Transaction–Multipurpose (MONTRANS) process, examine the one or more transactions whose attributes were noted in the archival phase—the transactions which were then archived and deleted in the archival phase, then restored in the previous step. Use all available options on the “Display Options” submenu to verify the restoration of all the attributes of this transaction, as noted in the archival phase.
Please note: where shown, the values of the “ISN” attributes (Internal Sequence Numbers) associated with each selected transaction are expected to change during the Archival/Reload of Archival process. The ISNs associated with a given transaction are used by the NSMS computing system to locate, retrieve, update, or delete the given transaction, as needed, and, other than location, retrieval, updating, or deletion, have no effect on that transaction or its outcome.
- Examine the Transactions Restoration Errors Report produced above. Verify that the Transactions Restoration from Archive (RESTORE) process completed normally. At the end of the report, please note the number of transactions which were successfully restored. Verify that this total does not exceed the total number of transactions archived in the archival phase.

7. ENHANCEMENT - (Add, Change or Delete Asset) 1620 # – 955

JIT item (supply type code of E) is showing up in the Reorder process.

ACTION - Correct Asset Maintenance to flag asset as reorder exempt when changing supply type code to JIT (E).

VALIDATION

- Using the Add Change Delete Catalog Detail (CATADCHG) process, add a new catalog record. Make note of the catalog record.

- Using the Add, Change or Delete Asset (ADCHGAST) process, add an asset for the catalog record added in the previous step and enter an 'E' in the supply type code. Process to completion.
- Using the Nightly Reorder Processing (REORDER) process, submit the job. Process to completion. Verify that the JIT asset added previously is not displayed on the report.

8. PROBLEM -- (Manual Commercial Due-In) 1620# – 960

When errors are encountered when entering 'QCC Codes To Buy' or 'U/I Quantity', an adjustment transaction is created in error.

ACTION – Correct the process to create adjustment transactions only when valid changes are entered.

VALIDATION

- Using the Manual Commercial Due-In (MANCOMDI) process, create a Due-In for a commercial vendor with a quantity of 10. Note the document number.
- Using the Create Manual Due Out (MANUALDO) process, create a Due-Out for the asset entered in the previous step. Enter a quantity of 10 and tie the Due-Out to the Due-In created in the previous step.
- Using the Manual Commercial Due-In (MANCOMDI) process, change the Due-In created previously. Enter a unit of issue quantity of 8. An error should be returned. Change the unit of issue quantity to 20 and process to completion.
- Using the Monitor Transaction (MONTRANS) process, verify the Due-In adjustment (DISCA) transaction was created for a quantity of 10.
- Using the Asset Scan (SCANASET) process, verify the Due-In quantity is 20.

9. PROBLEM - (Excess Analysis) 1620# - 963

The hazardous material code is not appearing on the approval levels when excessing material.

ACTION - Correct problem to display the hazardous material code on all levels of approval.

Special Note: The Site Parameter table (SITEPARM) contains the value for how many approvals are required in the Analysis Approval Indicator field.

VALIDATION

- Using the Catalog Scan (CATSCAN) process, select a catalog record that has a hazardous code.

- Using the Asset Scan (SCANASET) process, select a store stock asset with quantity on hand for the catalog record selected above.
- Using the Excess Disposal Analysis (XS2DSPL) process, process an analysis and approval at all levels. Initiate an analysis of excess (XS2DSPLI), entering the asset chosen and the necessary fields to create the excess transaction. Verify the hazardous material code is displayed on the screen.
(NOTE: If a “Y” is entered into the completed field in the lower left hand corner of the screen when initiating analysis, the excess action is placed in the First Level of Approval.)
- Using the Excess Disposal I/M Analysis (XS2DSPLM) process, select the transaction by entering ‘X’ in the first column. Press <enter>. The process will display the record chosen. Verify the hazardous material code is displayed on the screen. Enter comments and ‘Y’ in the completed field. Press <enter> and process to completion.
- Using the Excess Disposal Approval Level 1 (XS2DSPL1) process, select the transaction by entering ‘X’ in the sel column. Press <enter>. The process will display the record chosen. Verify the hazardous material code is displayed on the screen. Press PF8 to get the next screen of data. Enter comments and ‘Y’ in the approved field and press <enter> and process to completion.
- Using the Excess Disposal Approval Level 2 (XS2DSPL2) process, select the transaction by entering ‘X’ in the sel column. Press <enter>. The process will display the record chosen. Verify the hazardous material code is displayed on the screen. Press PF8 to get the next screen of data. Enter comments and ‘Y’ in the approved field and press <enter> and process to completion. **(Note:** In order to test this process, the Analysis Approval Indicator must be ‘2’ on the site parameter table (SITEPARM).

10.PROBLEM- PREVENT NOSC FROM HANGING UP ON THE UNHANDLED NATURAL ERRORS IN NSMS. 1620# - 964

Modify the NASA Online Supply Catalog (NOSC) to prevent hang ups and allow the display of error messages at a level other than the PRE-ET.

Action – Add a separate PRE-ET process for the NOSC core. This PRE-ET will be void of On Error logic.

SETUP

- This test requires two individuals. Individual One will need to be signed onto NSMS holding an asset record while Individual Two will attempts to order from NOSC the same asset.

VALIDATION

- Using NSMS- Individual One will need to create a Non-Traceable Catalog record using the Add Change or Delete Catalog Detail (CATADCHG) process.
- Using NSMS- Individual One will need to create a Store Stock Asset record using the Add, Change or Delete Asset (ADCHGAST) process.
- Using NSMS- Individual One will need to add quantity to the newly created asset using the Inventory Adjustment (INVADJST) process.
- Using NOSC Job Control Language, execute the Extract, the File Transfer and the Script load.
- Using NSMS- Individual One will need to hold the asset record. This is accomplished by using the Add, Change or Delete Asset (ADCHGAST) process.
- Using NOSC- Individual Two will try to order from the same asset. You should receive an Error pop-up window displaying “Record Held By Another User – Please Try Again Later”. Keep replying “OK”. The message will remain until Individual One releases the record.
- Using NSMS- have Individual One release the asset.
- Using NOSC- the “Record Held By Another User – Please Try Again” message will no longer be displayed. The order will be processed.
- Using Ad hoc program, EDITRANS submit in batch and verifying that no transactions for the asset above were generated with a Document Number of zero.

11. ENHANCEMENT - ALLOW NOSC TO PROCESS PROGRAM STOCK ORDERS AT THE ORG / PROJECT LEVEL 1620# - 966

Modification to NASA Online Supply Catalog (NOSC) to process Program Stock Orders at the Org / Project Level.

Action – Modify the NOSC core system to allow for the processing of Program Stock Orders at the Org / Project level.

SETUP

Issue Just In Time (JIT) Items

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add non-traceable catalog record. This will be referred to as Catalog One.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset with a Stock Ownership of “JT” and Asset Supply Type Code of “E” using Catalog One. This will be referred to as Asset One.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of Asset One to fifteen (15).

- Using the Asset Scan (SCANASET) process, verify that Asset One has the correct quantity.

Program Stock / Non-Traceable

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add one non-traceable catalog record. This will be referred to as Catalog Two.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add program stock asset using Catalog Two. This will be referred to as Asset Two.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of Asset Two to ten (10). Create Org / Project / Quantity combinations as follows: Org of AA01 / Project of A01 with Quantity of four (4), Org of AA02 / Project of A02 with Quantity of four (4) and Org of AA03 / Project of A03 with Quantity of two (2).
- Using the Asset Scan (SCANASET) process, verify that Asset Two has a quantity of ten (10), with three combinations of Org / Project / Quantity totaling ten (10).

Issue Traceable / Non-JIT

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add Serial Number (Trace Code of "S") traceable catalog record. This will be referred to as Catalog Three.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add one Store Stock asset (Asset Three), one Program Stock asset (Asset Four) and one Standby Stock asset (Asset Five) using Catalog Three.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of Asset Three to ten (10). Enter traceable info: TRACE1 in trace key / five (5) in quantity and TRACE2 in trace key / five (5) in quantity.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of Asset Four to six (6). Enter traceable / ORG / Project combinations as follows: TRACE-1 in trace key / three (3) in quantity / AA01 in Org / A01 in Project and TRACE-2 in trace key / three (3) in quantity / AA02 in Org / A02 in Project.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of Asset Five to nine (9). Enter traceable info: TRACE-1-1 in trace key / three (3) in quantity, TRACE-1-2 in trace key / three (3) in quantity and TRACE-1-3 in trace key / three (3) in quantity.
- Using the Asset Scan (SCANASET) process, verify Asset Three, Asset Four and Asset Five have correct Traceable information. In the case Asset Four (program stock asset) verify the Org / Project combinations are correct.
- Repeat the above setup for Lot Batch traceable.

Store / Standby Stock – Non-Traceable

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add Non-Traceable (Trace Code of " ") catalog record. This will be referred to as Catalog Four.

- Using the Add, Change or Delete Asset (ADCHGAST) process, add one Store Stock asset (Asset Six) and one Standby Stock asset (Asset Seven) using Catalog Four.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of Asset Six by ten (10) and increase the quantity of Asset Seven by twelve (12).
- Using the Asset Scan (SCANASET) process, verify that Asset Six and Asset Seven have the correct quantity.

Direct Buy

- Using the Vendor Id Table Maintenance (VENDTBL) process, add the value of the first character of your first and last names to Vendor Id, "TEST" to Vendor Name and the first four characters of a stock number to FSC.
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add one Non-Traceable (Trace Code of " ") catalog record. Make sure columns 5 and 6 of Stock Number (NSN) have the values of your first character of you first and last names and an FSC of the one from the Vendor Table. Make sure to enter Vendor Code of your initials. This will be referred to as Catalog Five.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a Store Stock asset (Asset Eight) with a "Y" in the Direct Delivery and a "D" in Supply Type Code using Catalog Five.
- Using the Asset Scan (SCANASET) process, verify Asset Eight has no Quantity On Hand.

View Program Stock / Non-Traceable

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add one non-traceable catalog record. This will be referred to as Catalog Six.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add program stock asset using Catalog Six. This will be referred to as Asset Nine.
- Using the Inventory Adjustment (INVADJST) process, increase the quantity of Asset Nine to ten (10). Create Org / Project / Quantity combinations as follows: Org of AA01 / Project of A01 with Quantity of four (4), Org of AA02 / Project of A02 with Quantity of four (4) and Org of AA03 / Project of A03 with Quantity of two (2).
- Using the Asset Scan (SCANASET) process, verify that Asset Nine has a quantity of ten (10), with three combinations of Org / Project / Quantity totaling ten (10).

NOSC Catalog Extract

- Using the NASA Online Supply Catalog (NOSC) Extract, File Transfer and scripts upload to load the newly created NOSC data.

Issue Just In Time (JIT) Items

- Using the NASA Online Supply Catalog process, order from Asset One a quantity of ten (10). (When pop-up window – NUMBER ORDERED 10 is displayed, click on OK.)
- Using the Monitor Transaction (MONTRANS) process, verify a transaction (ISPR) was generated for ten (10) for Asset One.

- Using the Asset Scan (SCANASET) process, verify Asset One has Quantity On Hand decreased by ten (10) now reside at five (5).
- Using the NASA Online Supply Catalog process, order from Asset One a quantity of eight (8). (When pop-up window – NUMBER ORDERED 8 / BACKORDERED 3 is displayed, click on OK.)
- Using the Monitor Transaction (MONTRANS) process, verify a transaction (ISPR) was generated for five (5) and a transaction (DOST) was generated for three (3) for Asset One.
- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand was decreased to zero (0) and the Quantity Due Out was increased to three (3) for Asset One.
- Using the NASA Online Supply Catalog process, order from Asset One a quantity of four (4). (When pop-up window – NUMBER ORDERED 4 is displayed, click on OK.)
- Using the Monitor Transaction (MONTRANS) process, verify a transaction (DIEC) was generated for four (4) for Asset One.
- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand remained at zero (0) and the Quantity Due In increased to four (4) in Asset One.

Program Stock / Non-Traceable

- Using the NASA Online Supply Catalog process, order from Asset Two - Org / Project of AA01 / A01 a quantity of three (3). (When pop-up window – NUMBER ORDERED 3 is displayed, click on OK.)
- Using the Monitor Transaction (MONTRANS) process, verify a transaction (ISPR) was generated against Asset Two for three (3) and the Org / Project / Quantity reflect AA01 / A01 / three (3).
- Using the Asset Scan (SCANASET) process, verify the Quantity On Hand for Asset Two decreased by three (3) and now resides at seven (7). Verify Asset Two has the following Org / Project / Quantity combinations: Org of AA01 / Project of A01 / Quantity of one (1), Org of AA02 / Project of A02 / Quantity of four (4) and Org of AA03 / Project of A03 / Quantity of two (2).
- Using the NASA Online Supply Catalog process, attempt to order eight (8) from Asset Two - Org / Project of AA02 / A02. (When pop-up window – NUMBER ORDERED 4 / BACKORDERED 0 is displayed, click on OK.)
- Using the Monitor Transaction (MONTRANS) process, verify a transaction (ISPR) was generated for four (4) against Asset Two.
- Using the Asset Scan (SCANASET) process, verify Asset Two has the Quantity On Hand decreased to three (3). Verify the Org / Project / Quantity combinations reflect: AA01 / A01 for one (1) and AA03 / A03 for two (2).

Issue Traceable / Non-JIT

- Using the NASA Online Supply Catalog process, order eight (8) from Asset Three – five (5) from TRACE1 and three (3) from trace key - TRACE2. (When pop-up window – NUMBER ORDERED 8 is displayed, click on OK.)

- Using the NASA Online Supply Catalog process, order two (2) from Asset Four – two (2) from trace key - TRACE-1 / Org - AA01 / Project - A01. (When pop-up window – NUMBER ORDERED 2 is displayed, click on OK.)
- Using the NASA Online Supply Catalog process, order five (5) from Asset Five– three (3) from trace key - TRACE-1-1, one (1) from trace key - TRACE-1-2 and one (1) from trace key - TRACE-1-3. (When pop-up window – NUMBER ORDERED 5 is displayed, click on OK.)
- Using the Monitor Transaction (MONTRANS) process, verify a transaction (ISPR) was generated for Asset Three. Verify that TRACE1 has five (5) and TRACE2 has three (3) posted.
- Using the Monitor Transaction (MONTRANS) process, verify a transaction (ISPR) was generated for Asset Four. Verify that Trace Key -TRACE-1 / Org – AA01 / Project – A01 has a Quantity of two (2) posted.
- Using the Monitor Transaction (MONTRANS) process, verify a transaction (ISPR) was generated for Asset Five. Verify that Trace Key - TRACE-1-1 has three (3), Trace Key – TRACE-1-2 has one (1) and Trace Key – TRACE-1-3 has one (1) posted.
- Using the Asset Scan (SCANASET) process, verify Asset Three had the Quantity On Hand decreased by eight (8) and now resides at two (2). Verify that Trace Key - TRACE1 no longer exists and that Trace Key - TRACE2 has a quantity two (2).
- Using the Asset Scan (SCANASET) process, verify Asset Four had the Quantity On Hand decreased by two (2) and now resides at four (4). Verify that Trace Key - TRACE-1 / Org - AA01 / Project - A01 has a quantity of one (1) and Trace Key - TRACE-2 / Org - AA02 / Project - A02 has a quantity of three (3).
- Using the Asset Scan (SCANASET) process, verify Asset Five had the Quantity On Hand decreased by five (5) and now resides at four (4). Verify that Trace Key - TRACE-1-1 no longer exists, Trace Key - TRACE-1-2 has a quantity of two (2) and Trace Key - TRACE-1-3 has a quantity of two (2).
- Using the NASA Online Supply Catalog process, order eight (8) from Asset Three – eight (8) from Trace Key - TRACE2. (A pop-up window – “Qty Selected Must Be Less Than Qty Available in Trace Key (or 0)” will be displayed, click on OK.) No transaction / action will be taken.
- Using the NASA Online Supply Catalog process, order four (4) from Asset Four – four (4) from trace key - TRACE-1 / Org AA01 / Project A01. (A pop-up window – “Qty Selected Must Be Less Than Qty Available in Trace Key (or 0)” will be displayed, click on OK.) No transaction / action will be taken.
- Using the NASA Online Supply Catalog process, order five (5) from Asset Five – five (5) from Trace Key – TRACE-1-2. (A pop-up window – “Qty Selected Must Be Less Than Qty Available in Trace Key (or 0)” will be displayed, click on OK.) No transaction / action will be taken.

- Using the NASA Online Supply Catalog process, order five (5) from Asset Three – five (5) from trace key - TRACE2. (When pop-up window – NUMBER ORDERED 2 is displayed, click on OK.) (When pop-up window – “Order Partially Filled – Insufficient Quantity In Trace Keys” will be displayed, click on OK.)
- Using the Monitor Transaction (MONTRANS) process, verify a transaction (ISPR) was generated for Asset Three for the quantity of two (2) for Trace Key – TRACE2.
- Using the Asset Scan (SCANASET) process, verify Asset Three had the Quantity On Hand decreased by two (2) and now resides at zero (0). Verify that Trace Key - TRACE2 no longer exists.
- Using the NASA Online Supply Catalog process, order three (3) from Asset Four (Org – AA01 Project – A01) – three (3) from Trace Key - TRACE-1. (When pop-up window – NUMBER ORDERED 1 is displayed, click on OK.) (When pop-up window – “Order Partially Filled – Insufficient Quantity In Trace Keys” will be displayed, click on OK.)
- Using the Monitor Transaction (MONTRANS) process, verify a transaction (ISPR) was generated for Asset Four for the quantity of one (1) for Trace Key – TRACE-1 / Org - AA01 / Project - A01.
- Using the Asset Scan (SCANASET) process, verify Asset Four had the Quantity On Hand decreased by one (1) and now resides at three (3). Verify that Trace Key - TRACE-1 / Org – AA01 / Project – A01 no longer exists. Verify that Trace Key – TRACE-2 / Org – AA02 / Project – A02 has a quantity of three (3).
- Using the NASA Online Supply Catalog process, order three (3) from Asset Five – three (3) from Trace Key - TRACE-1-2. (When pop-up window – NUMBER ORDERED 2 is displayed, click on OK.) (When pop-up window – “Order Partially Filled – Insufficient Quantity In Trace Keys” will be displayed, click on OK.)
- Using the Monitor Transaction (MONTRANS) process, verify a transaction (ISPR) was generated for Asset Five for the quantity of two (2) for Trace Key – TRACE-1-2.
- Using the Asset Scan (SCANASET) process, verify Asset Five had the Quantity On Hand decreased by two (2) and now resides at two (2). Verify that Trace Key - TRACE-1-2 no longer exists. Verify that Trace Key – TRACE-1-3 has a quantity of two (2).
- Repeat the above test for Lot Batch traceable.

Store / Standby Stock – Non-Traceable

- Using the NASA Online Supply Catalog process, order nine (9) from Asset Six. (When pop-up window – NUMBER ORDERED 9 is displayed, click on OK.)

- Using the NASA Online Supply Catalog process, order five (5) from Asset Seven. (When pop-up window – NUMBER ORDERED 5 is displayed, click on OK.)
- Using the Monitor Transaction (MONTRANS) process, verify an ISPR transaction was generated against Asset Six for nine (9) and an ISPR transaction was generated against Asset Seven for five (5).
- Using the Asset Scan (SCANASET) process, verify Asset Six now has a Quantity On Hand of one (1).
- Using the Asset Scan (SCANASET) process, verify Asset Seven now has a Quantity On Hand of seven (7).
- Using the NASA Online Supply Catalog process, order from Asset Six a quantity of five (5). (When pop-up window – NUMBER ORDERED 1 BACKORDERED 4 is displayed, click on OK.)
- Using the NASA Online Supply Catalog process, order from Asset Seven a quantity of ten (10). (When pop-up window – NUMBER ORDERED 7 BACKORDERED 0 is displayed, click on OK.)
- Using the Monitor Transaction (MONTRANS) process, verify an ISPR transaction for one (1) and a related DOST transaction for four (4) was generated against Asset Six.
- Using the Monitor Transaction (MONTRANS) process, verify an ISPR transaction for seven (7) was generated for Asset Seven.
- Using the Asset Scan (SCANASET) process, verify Asset Six now has a Quantity On Hand of zero (0) and a Quantity Due Out of four (4).
- Using the Asset Scan (SCANASET) process, verify Asset Seven now has a Quantity On Hand of zero (0) and a Quantity Due Out of zero (0).

Direct Buy

- Using the NASA Online Supply Catalog process, order from Asset Eight a quantity of nine (9). (When pop-up window – This Direct order will be delivered on MM/DD/YY Continue? Click on OK.)(When pop-up window – NUMBER ORDERED 0 / BACKORDERED 9 is displayed, click on OK.)
- Using the Monitor Transaction (MONTRANS) process, verify a DIED transaction was generated against Asset Eight for nine (9).
- Using the Asset Scan (SCANASET) process, verify Asset Eight has a Quantity On Hand of zero (0).

View Program Stock / Non-Traceable

- Using the NASA Online Supply Catalog process, order from Asset Nine, a quantity of four (4) from Org of AA01 / Project of A01.
- Using the Monitor Transaction (MONTRANS) process, verify an ISPR transaction was generated for Org – AA01 / Project – A01 / Quantity- four (4).
- Using the Asset Scan (SCANASET) process, verify Org- AA01 / Project- A01 no longer exists. Verify Org- AA02 / Project- A02 / Quantity- Four (4) and Org- AA03 / Project- A03 / Quantity- Two (2) still exists.

- Using the NASA Online Supply Catalog process, select Asset Nine / Org-AA01 / Project- A01 and select "VIEW QUANTITY". You should get a pop-up window "ENTER CUSTOMER ID" to which you enter your Customer Id and reply OK. You should then be returned a pop-up window in which the NSN for Asset Nine is displayed along with "There are 0 Items on hand". Reply Ok.
- Using the NASA Online Supply Catalog process, select Asset Nine / Org-AA02 / Project- A02 and select "VIEW QUANTITY". You should get a pop-up window "ENTER CUSTOMER ID" to which you enter your Customer Id and reply OK. You should then be returned a pop-up window in which the NSN for Asset Nine is displayed along with "There are 4 items on hand". Reply Ok.

12. ENHANCEMENT - (EDI ONLINE AND BATCH RECEIPT PROCESSES) 1620# - 967

Processing RCEC / DIECA transactions through the Online JIT Receipt Process in NASA Supply Management System (NSMS).

Action – Verify the Online JIT Receipt (JITRCEC) process and the Batch JIT Receipt process will generate RCEC (Receipt Electronic Commerce) and DIECA (Due In Electronic Commerce Adjustment) transactions while updating the asset correctly.

Special Note: If your center does not have NOSC installed or does not use the ordering/receiving capability, this test does not have to be executed.

SETUP

Batch JIT Receipt Process

- Setup Job Control Language (JCL): to execute ED-QRY01 with a Work File One defined as: record format- FB, record length- 93 and block size- 9300.
- Setup Job Control Language (JCL): to execute ED-QRY02 using the Work File from ED-QRY01.

VALIDATION

Online JIT Receipt Process

- Using the Site Parameter Table End Fiscal Mth (FISCLEND) / site-unique process, make sure PRE-ET FUNDS CHECK is set to "N".
- Using the Vendor Id Table Maintenance (VENDTBL) process, add a Vendor Id consisting of your first and last name initials. Enter "TEST" for Vendor Name and "8000" for FSC. Process to completion.
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, to add a catalog record with a FSC of "8000" and your initials in positions five (5)

and six (6) of the Stock Number. Enter your initials as the Vendor Id. This will be referred to as Catalog One.

- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset with a Stock Ownership of "JT" and Asset Supply Type Code of "E" using Catalog One. This will be referred to as Asset One.
- Using the Create Issue Directive (ISSUEPRE) process, generate a "DIEC" transaction with a quantity of ten (10) using Asset One.
- Using the Asset Scan (SCANASET) process, view Asset One. Quantity Due In should have a value ten (10).
- Using the Monitor Transaction (MONTRANS) process, verifying a "DIEC" transaction for ten (10) was generated. Make note of the transaction's document number.
- Using the View DIEC / DIED (VIEWECED) process, verify the "DIEC" transaction created is on the list, then reply "Y" to DO YOU WANT TO TRANSMIT EDI?
- Using the EDI 850 Transactions (JIT850) process, submit the batch job to process 850's.
- Using the JIT Receipt (JITRCEC) process, enter the Document Number of the "DIEC" previously generated. Make sure ENTER QUANTITY is eight (8).
- Using the Monitor Transaction (MONTRANS) process, verify that "RCEC" for eight (8), and a "DIECA" for two (2) are generated.
- Using the Asset Scan (SCANASET) process, view Asset One. You should have Quantity Due In with a value of zero (0).

Batch JIT Receipt Process

- Using the Site Parameter Table End Fiscal Mth (FISCLEND) / site-unique process, make sure PRE-ET FUNDS CHECK is set to "N".
- Using the Vendor Id Table Maintenance (VENDTBL) process, add a Vendor Id consisting of your last and first name initials. Enter "TEST" for Vendor Name and "7000" for FSC. Process to completion.
- Using the Add Change or Delete Catalog Detail (CATADCHG) process, to add a catalog record with a FSC of "7000" and your initials in positions five (5) and six (6) of the Stock Number. Enter your initials as the Vendor Id. This will be referred to as Catalog Two.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset with a Stock Ownership of "JT" and Asset Supply Type Code of "E" for Catalog Record Two. This will be referred to as Asset Two.
- Using the Create Issue Directive (ISSUEPRE) process, generate a "DIEC" transaction with a quantity ten (10) for Asset Two.
- Using the Asset Scan (SCANASET) process, view Asset Two. Quantity Due In should have a value of ten (10).
- Using the Monitor Transaction (MONTRANS) process, verifying a "DIEC" transaction was generated for Asset Two. Make note of the transaction's document number.

- Using the View DIEC / DIED (VIEWECED) process, verify the “DIEC” transaction created is on the list, then reply “Y” to DO YOU WANT TO TRANSMIT EDI?
- Using the JCL that executes ED-QRY01, edit it and add the Domain and date (YYYYMMDD) the DIEC transaction was created. Submit the batch job creating the flat file.
- Using the Dataset editor, change the quantity from ten (10) to seven (7) on Asset Two. Save the changes and escape the dataset.
- Using the JCL that executes ED-QRY02, submit the run to upload data created in ED-QRY01. This data will be loaded into the EDI-TRANSACTION data file.
- Using the JIT Batch Receipt (JITBTRCP) process, enter the Domain, and submit the run. Run to completion.
- Using the Monitor Transaction (MONTRANS) process, verify that a “RCEC” transaction for seven (7) and a “DIECA” transaction for three (3) were generated against Asset Two.
- Using the Asset Scan (SCANASET) process, view Asset- you should have a Quantity Due In with a value of zero (0).

13. PROBLEM - (Excess Analysis) 1620 # – 971

Create Suspended Excess and Update Suspended Excess Transaction processes do not accept a day greater than the current day. Entered 12 31 1999 as the original expiration date, current date is 11 10 1999. Returned error-Invalid Expiration Day.

ACTION - Correct process to edit dates using entire date.

VALIDATION

- Using the Catalog Scan (CATSCAN) process, select a catalog record and an asset that has quantity on-hand. (Action of 5 on the catalog screen will display assets.)
- Using the Create Suspended Excess Transaction (DISPAST) process, add an Excess Transaction (AXSS) for the asset selected from the previous step. Process to completion. Note the document number of the transaction.
- Using the Update Suspended Excess Transaction (EXCESSUP) process, update the Excess Transaction (AXSS) created in previous step with new dates for Original Expiration and Extended dates.
- Using the Monitor Transaction (MONTRANS) process, verify an Adjust Excess Disposal Transaction (AXCSA) was created. If the asset is traceable, verify that the transaction has the correct traceable information.

APPENDIX D

INSTALLATION INSTRUCTIONS AND CHECKLIST

Introduction

Release information:

System Name: NSMS
Release Number: 6.4.0
Release Date: November 1999
Effective Date: Immediately

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

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

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

- xxMOV.NSMS.PROD.R640.R1299.DOC
- xxMOV.NSMS.PROD.R640.R1299.PRD
- xxMOV.NSMS.PROD.R640.R1299.SRC

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

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

Installation Sequence

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

- 1.0 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 modifications from the dataset xxMOV.NSMS.PROD.R640.R1299.SRC. The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library named NSMS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

GLOBAL DATA AREA	0
LOCAL/PARAM DATA AREA	94
MAPS	42
HELP ROUTINES	0
SUBROUTINES	47
SUBPROGRAMS	3
PROGRAMS	82
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	268

2.2 List of Source Code Modifications

The following are the modules added, modified and deleted.

Added Modules

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
NS640CNV	Conversion for Asset Traceable File	PGM	885
NS640182	Conversion Transaction File	PGM	885
NSDLATCN	Conversion for not update at bin	LDA	885
NSMFCNV	Map for conversions	MAP	885
NSMPORGU	Organization/Project Transfer	MAP	885
NSMS885	Adhoc to check files after conv	PGM	885
NSMSASET	Adhoc to update date created	PGM	885
NSPRJSC1	Before Conversion at bin level	PGM	885
NSPUATCN	Conversion for not update at bin	PGM	885
NSPUJSC1	Conversion for update at bin level	PGM	885
NSDLS902	Traceable Catalog/Assets	LDA	952
NSMF9021	NSN, Tech. Name, Qty O/H	MAP	952
NSMF9022	Technical Description	Map	952
NSMF9023	Part Numbers	Map	952
NSMF9024	Bin IDs	Map	952
NSMF9025	Flight Data	Map	952
NSMFS902	Report Header	MAP	952
NSMHS902	Help Information	MAP	952
NSMPS902	Traceable Catalog/Assets	MAP	952
NSPRS902	ISO9001 Traceable Catalog/Asst Rpt	PGM	952
NSPTS902	ISO9001 Traceable Catalog/Asst Rpt	PGM	952
NSSF902	ISO9001 Traceable Catalog/Asst Rpt	PGM	952
NSDLS901	Shelf Life Report	LDA	953
NSMFS900	Shelf Life Report	Map	953
NSMFS901	Shelf Life Report	Map	953
NSPRS901	Shelf Life Report	PGM	953
NSPTS901	Shelf Life Report	PGM	953
EDSRUEX1	NOSC Pre-ET Calling Program	SUB	964
EDDLUEX1	NOSC Pre-ET Calling Local	LDA	964
EDSRPRET	NOSC Pre-ET	SUB	964
EDDLXIT	NOSC Pre-ET	LDA	964

Changed Modules

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
NSDL3110	Nightly Batch Reorder	LDA	885
NSDLAADJ	Inventory Adjustment	LDA	885
NSDLACD1	Delete Asset	LDA	885
NSDLACD2	Asset Maintenance	LDA	885
NSDLADJA	Inventory Adjustment	LDA	885
NSDLARDF	Release Due Outs	LDA	885
NSDLARDO	Release Due Outs	LDA	885
NSDLASOC	Change Status/Owner	LDA	885

NSDLASTR	Asset Maintenance	LDA	885
NSDLATRN	Transfer Asset	LDA	885
NSDLBIN0	Control Bin Subroutine	LDA	885
NSDLBIN2	Traceable Asset W/O ORG/PROJ	LDA	885
NSDLBIN3	ORG/PROG W/O Trace Data	LDA	885
NSDLBIN5	ORG/PROG W/ Trace Data	LDA	885
NSDLBIN6	Bin Reversal	LDA	885
NSDLBINB	Issue/Adjust Reserve	LDA	885
NSDLBINC	Consolidate Assets	LDA	885
NSDLBINE	Bin TRACKING	LDA	885
NSDLBINT	Bin Quantity Transfer	LDA	885
NSDLCNSN	Change NSN	LDA	885
NSDLCOEX	Complete Excess Report	LDA	885
NSDLCONA	Consolidate Assets	LDA	885
NSDLCONT	Consolidate Assets	LDA	885
NSDLCONU	Consolidate Assets	LDA	885
NSDLDDAS	Delete Discontinued Assets Report	LDA	885
NSDLEXTF	System Extract	LDA	885
NSDLINQU	Asset Scan	LDA	885
NSDLISAJ	Issue - Unit Pack Adjustment	LDA	885
NSDLISPR	Create Issue Directive	LDA	885
NSDLISPP	Post Post Issue	LDA	885
NSDLISRI	Issue/Adjust Reserve	LDA	885
NSDLISTR	Off Site Transfer	LDA	885
NSDLMLBT	Notice Print Process	LDA	885
NSDLMLP2	Notice Print Process	LDA	885
NSDLNSNL	Asset NSN Listing Report	LDA	885
NSDLOPNA	Calculate Open reserve Quantities	LDA	885
NSDLOPNT	Calculate Open reserve Quantities	LDA	885
NSDLORGP	Organization/Project Maintenance	LDA	885
NSDLORGT	Organization/Project Transfer	LDA	885
NSDLORTR	Organization/Project Transfer	LDA	885
NSDLPAEX	Partial Excess Report	LDA	885
NSDLPRJA	Project ID Report	LDA	885
NSDLRAND	Organization/Project Transfer	LDA	885
NSDLREVS	Reverse Transaction	LDA	885
NSDLRREV	Reverse Receipt Transaction	LDA	885
NSDLRRIR	Reverse Issue Reserve Transaction	LDA	885
NSDLRSPS	Reservation of Program Stock	LDA	885
NSDLRTRV	Reverse Turn-In Transaction	LDA	885
NSDLSHEL	Asset Shelf Life Report	LDA	885
NSDLSSIN	Stock Status Inquiry	LDA	885
NSDLTADX	Transfer To Excess Adjustment	LDA	885
NSDLUICV	Change of Unit of Issue	LDA	885
NSDLWD0A	Warehouse Denial	LDA	885
NSMPADJ2	Bin Tracking	MAP	885
NSMPADJ5	Bin Tracking	MAP	885
NSMPASBN	Bin Tracking	MAP	885
NSMPASTR	Asset Maintenance	MAP	885
NSMPBIN3	Org/Prog W/O Trace Data	MAP	885
NSMPBIN5	Org/Prog W/ Trace Data	MAP	885
NSMPBINB	Issue/Adjust Reserve	MAP	885
NSMPBINT	Bin Quantity Transfer	MAP	885

NSMPINIT	NSMS Initial Map	MAP	885
NSMPISRI	Issue/Adjust Reserve	MAP	885
NSMPORGP	Organization/Project Maintenance	MAP	885
NSMPORTR	Organization/Project Transfer	MAP	885
NSMPRAND	Create Susp. Excess Transfer	MAP	885
NSPRCOEX	Complete Excess Report	PGM	885
NSPRMLBT	Notice Print Process	PGM	885
NSPRMLPT	Notice Print Process	PGM	885
NSPRNSNL	Asset NSN Listing Report	PGM	885
NSPRPAEX	Partial Excess Report	PGM	885
NSPRPRJA	Project ID Report	PGM	885
NSPRSHEL	Asset Shelf Life Report	PGM	885
NSPTAACD	Add, Change or Delete Asset	PGM	885
NSPTAADJ	Inventory Adjustment	PGM	885
NSPTADJA	Asset Analysis – Inv. Adj	PGM	885
NSPTARDO	Release Due Outs	PGM	885
NSPTASBN	Control Asset bin relationship	PGM	885
NSPTASOC	Change Status/Owner	PGM	885
NSPTATRN	Transfer Asset	PGM	885
NSPTBINT	Bin Quantity Transfer	PGM	885
NSPTCNSN	Change NSN	PGM	885
NSPTCONA	Consolidate Assets	PGM	885
NSPTISAJ	Issue - Unit Pack Adjustment	PGM	885
NSPTISPP	Post Post Issue	PGM	885
NSPTISPR	Create Issue Directive	PGM	885
NSPTISTR	Off Site Transfer	PGM	885
NSPTORGT	Organization/Project Transfer	PGM	885
NSPTRAND	Transfer to Disposal	PGM	885
NSPTREVS	Transaction Reversal	PGM	885
NSPTRRIR	Reverse Issue Reserve Transaction	PGM	885
NSPTRSPS	Reservation of Program Stock	PGM	885
NSPTSSIN	Stock Status Inquiry	PGM	885
NSPTTADX	Transfer To Excess Adjustment	PGM	885
NSPTUICV	Change of Unit of Issue	PGM	885
NSPUDDAS	Delete Discontinued Assets Report	PGM	885
NSPUEXTF	System Extract	PGM	885
NSPUINIT	Initial NSMS Program	PGM	885
NSSFRREV	Reverse Receipt Transaction	PGM	885
NSSFRTRV	Reverse Turn-In Transaction	PGM	885
NSSR3110	Nightly Batch Reorder	SUB	885
NSSRACD1	Delete Asset	SUB	885
NSSRACD2	Asset Traceable Maintenance	SUB	885
NSSRADJ5	Quality Sensitive	SUB	885
NSSRARDF	Release Due Outs	SUB	885
NSSRASTR	Asset Maintenance	SUB	885
NSSRBIN0	Control Bin Subroutine	SUB	885
NSSRBIN2	Traceable Asset W/O ORG/PROJ	SUB	885
NSSRBIN3	ORG/PROJ W/O Trace Data	SUB	885
NSSRBIN5	ORG/PROG W/ Trace Data	SUB	885
NSSRBIN6	Bin Reversal	SUB	885
NSSRBINB	Issue/Adjust Reserve	SUB	885
NSSRBINC	Consolidate Assets	SUB	885
NSSRBINE	Bin Tracking	SUB	885

NSSRCMPN	Add Change Delete Catalog Detail	SUB	885
NSSRCONT	Consolidate Assets	SUB	885
NSSRCONU	Consolidate Assets	SUB	885
NSSRFRCK	Freeze Code, freeze level check	SUB	885
NSSRINQU	Asset Scan	SUB	885
NSSRISRI	Issue/Adjust Reserve	SUB	885
NSSROPNA	Calculate Open reserve Quantities	SUB	885
NSSROPNT	Calculate Open reserve Quantities	SUB	885
NSSRORGP	Organization/Project Maintenance	SUB	885
NSSRORTR	Organization/Project Transfer	SUB	885
NSSRPRJA	Project ID Report	SUB	885
NSSRPROF	NSMS SETUP	SUB	885
NSPTICMM	Inventory Counts Main Menu	PGM	885
NMSPICMM	Inventory Counts Main Menu	MAP	885
NSPRICLS	Bin Location Summary Report	PGM	885
NSDLICLS	Bin Location Summary Report	LDA	885
NSPUICBL	Build Inventory Lot	PGM	885
NSDLICBL	Build Inventory Lot	LDA	885
NSPRICWR	Warehouse Data Collection Report	PGM	885
NSDLICWR	Warehouse Data Collection Report	LDA	885
NSSRICWC	Process Warehouse Counts	SUB	885
NSDLICWC	Process Warehouse Counts	LDA	885
NSPUICAJ	Process Inventory Counts Adjustments	PGM	885
NSDLICAJ	Process Inventory Counts Adjustments	LDA	885
NSPRICPC	Inventory Control Report	PGM	885
NSDLICPC	Inventory Control Report	LDA	885
NSSRICT1	Process Traceable Counts	SUB	885
NSDLICT1	Process Traceable Counts	LDA	885
NSSRICT2	Process Traceable Counts	SUB	885
NSDLICT2	Process Traceable Counts	LDA	885
NSSRICT4	Process Traceable Adjustments	SUB	885
NSDLICT4	Process Traceable Adjustments	LDA	885
NSSRICT5	Process Traceable Counts	SUB	885
NSDLICT5	Process Traceable Counts	LDA	885
NSSRICT9	Process Traceable Counts	SUB	885
NSSRISPP	Process Automated Post-Post Issues	SUB	885
NSSRISPR	Process Automated Pre-Post Issues	SUB	885
NSSRARDO	Process Automated Release Due Outs	SUB	885
NSSRABIN	Process Non-Traceable Pgm Counts	SUB	885
NSDLABIN	Process Non-Traceable Pgm Counts	LDA	885
NXDLMGE2	Notice Print Process	LDA	885
NXPRMGEN	Notice Print Process	PGM	885
NSDLRSVB	Batch Reservation	LDA	885
NSSRRSVB	Batch Reservation	SUB	885
NSDLDABK	Display Transaction	LDA	924
NSDLDADO	Display Transaction	LDA	924
NSDLDD01	Display Transaction	LDA	924
NSDLDDFA	Display Transaction	LDA	924
NSDLDDIC	Display Transaction	LDA	924
NSDLDDIF	Display Transaction	LDA	924
NSDLDIBK	Display Transaction	LDA	924
NSDLDIBL	Display Transaction	LDA	924
NSDLDIDO	Display Transaction	LDA	924

NSDLDIHC	Display Transaction	LDA	924
NSDLDIPR	Display Transaction	LDA	924
NSDLDIWP	Display Transaction	LDA	924
NSDLDREF	Display Transaction	LDA	924
NSDLDSPL	Display Transaction	LDA	924
NSDLDTR1	Display Transaction	LDA	924
NSDLDXCS	Display Transaction	LDA	924
NSDLEXT2	Create Excess Disposal (AXCS)	LDA	924
NSDLTPRM	Site Parameter Table	LDA	924
NSMPD0P1	Display Transaction	MAP	924
NSMPDD01	Display Transaction	MAP	924
NSMPDDIO	Display Transaction	MAP	924
NSMPDIPR	Display Transaction	MAP	924
NSMPDOP1	Display Transaction	MAP	924
NSMPDOP2	Display Transaction	MAP	924
NSMPDOP3	Display Transaction	MAP	924
NSMPDOPT	Display Transaction	MAP	924
NSMPDSPL	Display Transaction	MAP	924
NSMPDTR1	Display Transaction	MAP	924
NSMPDXC2	Display Transaction	MAP	924
NSMPDXCS	Display Transaction	MAP	924
NSMPTPR2	Site Parameter Table	MAP	924
NSMPTPR3	Site Parameter Table	MAP	924
NSPTDABK	Display Transaction	PGM	924
NSPTDADO	Display Transaction	PGM	924
NSPTDD01	Display Transaction	PGM	924
NSPTDDFA	Display Transaction	PGM	924
NSPTDDI2	Display Transaction	PGM	924
NSPTDDIC	Display Transaction	PGM	924
NSPTDDIF	Display Transaction	PGM	924
NSPTDIBK	Display Transaction	PGM	924
NSPTDIBL	Display Transaction	PGM	924
NSPTDIDO	Display Transaction	PGM	924
NSPTDIHC	Display Transaction	PGM	924
NSPTDIPR	Display Transaction	PGM	924
NSPTDIWP	Display Transaction	PGM	924
NSPTDREF	Display Transaction	PGM	924
NSPTDXCS	Display Transaction	PGM	924
NSPTTPRM	Site Parameter	PGM	924
NSPUEXT2	Create Excess Disposal (AXCS)	PGM	924
NSSRDSPL	Display Transaction	SUB	924
NSSRDTR1	Display Transaction	SUB	924
NSMPAXCA	Excess Analysis	MAP	938
NSMPEXUP	Update Susp. Excess Trans.	MAP	938
NSMPRAND	Create Susp. Excess Trans.	MAP	938
NSPUARCR	Restore Archived Transactions	PGM	954
NSPUARCV	Transactions Archival	PGM	954
NSDLARCR	Restore Transactions	LDA	954
NSDLARCV	Transactions Archival Local	LDA	954
NSSR320C	Manual Commercial Due-In	SUB	960
NSMPEXUP	Update Suspended Excess Transaction	MAP	963
NSPTAXCA	Excess Analysis	PGM	963
NSPTEXUP	Update Suspended Excess Transaction	PGM	963

EDSRVCJT	JIT Item Issues	SUB	964
EDSRVCIS	Store/Standby Stk Non-Traceable	SUB	964
EDSRVCDB	Direct Buy	SUB	964
EDSERVER	Entire-APPC-Server	PGM	964
EDITRANS	Ad hoc Check Zero Doc. No.	PGM	964
EDSRVCIS	Store / Standby Stk Non-Traceable	SUB	964
EDSRVCIP	Program Stk Not Traceable	SUB	966
EDDLVCIP	Local for Prg Stk Not Traceable	LDA	966
EDSRTRIS	Traceable – Non-JIT	SUB	966
EDDLTRIS	Local for Traceable – Non-JIT	LDA	966
EDSRVCIS	Store / Standby Stk Non-Traceable	SUB	966
EDPUCEXS	NOSC Catalog Extract Program	PGM	966
EDSPVCOL	EDI/JIT Stock Order Process	SUBP	966
EDSPVCOR	EDI/JIT Controlling subprogram	SUBP	966
EDSPVCPS	EDI/JIT Pgm Stock Qty Retrieval	SUBP	966
EDPTRCPT	JIT Receipt (online)	PGM	967
EDPURCEC	JIT Batch Receipt	PGM	967
EDDLRCEC	JIT Batch Receipt	LDA	967
ED-QRY01	Query- Extracts DIEC / DIED txs	PGM	967
ED-QRY02	Query- Upload data	PGM	967
EDPUJTDO	EDI 850	PGM	967
NSMPRAND	Create Susp. Excess Trans.	MAP	971
NSMPEXUP	Update Susp. Excess Trans.	MAP	971

Deleted Modules

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
NSDLARD5	Bin Tracking QS	LDA	885
NSDLBIN1	Bin Tracking	LDA	885
NSDLBIN4	Bin Tracking	LDA	885
NSDLBIN7	Bin Tracking	LDA	885
NSDLBINV	Bin Tracking	LDA	885
NSDLBNT1	Bin Tracking	LDA	885
NSDLBNTR	Bin Tracking	LDA	885
NSDLORGS	Organization/Project Transfer	LDA	885
NSMPBIN4	Bin Tracking	MAP	885
NSMPBIN7	Bin Tracking	MAP	885
NSPTMQBL	Bin Tracking	PGM	885
NSPTTRSF	Display Org/Prj Quantity Transfer	PGM	885
NSPUBIN1	Bin Tracking Conversion	PGM	885
NSSRARD5	Bin Tracking QS	SUB	885
NSSRBIN1	Bin Tracking	SUB	885
NSSRBIN4	Bin Tracking	SUB	885
NSSRBIN7	Bin Tracking	SUB	885
NSSRBINV	Bin Tracking	SUB	885
NSSRBNT1	Bin Tracking	SUB	885
NSSRBNTR	Bin Tracking	SUB	885
NSSRORGS	Organization/Project Transfer	SUB	885
NSSRPRJB	Project ID Report	SUB	885
NSPUCEXS	NOSC Catalog Extract Program	SUB	966
EDSRBINE	Bin Edits	SUB	966
EDDLBINE	Bin Edits	LDA	966

EDSRISAA	Single Issue – Pre Post	SUB	966
EDSRBIN0	Trac / Bin / Org-Prj Assets	SUB	966
EDSRBIN3	Bin Id, Org Proj Id For User Selection	SUB	966
EDDLBIN3	Bin Id, Org Proj Id For User Selection	LDA	966

3.0 Pre-Predict Data Conversion

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

4.0 Install Predict

4.1 Data Dictionary Changes

This release will include the new enhancements for version 6.4.0. Details for changes in this release can be found under paragraph 4.1.3 Physical File Changes or by performing PREDICT reporting on the keyword NSMS-6.4.0.

Use SYSDICBE to load the PREDICT modifications from the dataset xxMOV.NSMS.PROD.R640.R1299.PRD.

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

NS-ASSET-TRACEABLE
NS-TABLES
NS-TRANSACTION

4.1.1 Inventory of Objects

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

PREDICT Objects by Type:

Keyword	-	1
Standard Files	-	1
Conceptual Files	-	1
ADABAS Files and Views	-	33
Data Elements	-	2904

4.1.2 Storage Considerations

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

4.1.3 Physical File Changes

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

Add the following fields:

NS-TABLES-FILE		File # 181							
Ty	L	Field name	F	Length	Occ	D	U	DB	S
*-	-	-----	*	-----	-----	*	*	--	*
1		IFM-BROKER-ID	A	32.0				FR	N
1		IFM-SRVR-CLASS-ID	A	32.0				FS	N
1		IFM-SRVR-NAME	A	32.0				FT	N
1		IFM-SRVC-ID	A	32.0				FU	N

Using the following commands:

```
ADADBS NEWFIELD FILE=181
ADADBS FNDEF='01,FR,32,A,NU'
ADADBS FNDEF='01,FS,32,A,NU'
ADADBS FNDEF='01,FT,32,A,NU'
ADADBS FNDEF='01,FU,32,A,NU'
```

NS-TRANSACTION-FILE		File # 182							
Ty	L	Field name	F	Length	Occ	D	U	DB	S
*-	-	-----	*	-----	-----	*	*	--	*
1		IFM-PROCESSED-DATE	N	8.0		D		GV	N
1		IFM-PROCESS-IND	A	1.0			D	GW	N
1		IFM-PO-SFX-NMBR	N	4.0				GX	N
1		IFM-CRNT-DOC-NMBR	A	20.0				GY	N

Using the following commands:

```
ADADBS NEWFIELD FILE=182
ADADBS FNDEF='01,GV,8,U,NU,DE'
ADADBS FNDEF='01,GW,1,A,NU,DE'
ADADBS FNDEF='01,GX,4,U,NU'
ADADBS FNDEF='01,GY,20,A,NU'
```

NS-ASSET-TRACEABLE-FILE		File # 173							
Ty	L	Field name	F	Length	Occ	D	U	DB	S
*-	-	-----	*-	-----	-----	*	*	--	*
	1	ASSET-ORG-ID	A	8.0				AQ	
	1	ASSET-PRJCT-ID	A	8.0				AT	

Using the following commands:

```
ADADBS NEWFIELD FILE=173
ADADBS FNDEF='01,AQ,8,A'
ADADBS FNDEF='01,AT,8,A'
```

Invert the following superdescriptors:

NS-ASSET-TRACEABLE-FILE		File # 173							
Ty	L	Field name	F	Length	Occ	D	U	DB	S
*-	-	-----	*-	-----	-----	*	*	--	*
SP	1	DNSO-LOT-BATCH-ORG-PRJ-INSPCTN	A	72.0		D		AR	N
SP	1	DNSO-SER-NMBR-ORG-PRJ-INSPCTN	A	66.0		D		AS	N

Using the following commands:

```
ADAINV INVERT FILE=173
ADAINV TEMPSIZE=??,SORTSIZE=??
ADAINV SUPDE='AR=AL(1,18),AB(1,30),AQ(1,8),AT(1,8),AI(1,8)'
ADAINV SUPDE='AS=AL(1,18),AE(1,24),AQ(1,8),AT(1,8),AI(1,8)'
```

5.0 Catalog Source Code

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

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

6.0 Post-Predict Data Conversion

NS-BINS-FILE deletion

Delete any NATURAL Security links to the NS-BINS-VIEW
(this link was needed until now to catalog the conversion program)
Delete PREDICT NS-BINS-VIEW DDM

Delete PREDICT NS-BINS-FILE and NS-BINS-VIEW documentation

NS-TRANSACTION-FILE conversion process

*** IF YOU HAVE NOT BACKED UP THE NS-TRANSACTION-FILE (#182), it is
*** highly recommended that you do so now.

Submit a batch natural job to execute program NS640182. This conversion program is necessary to remove the deleted TXN-BIN-ID field from the TXN-BIN-ORG-PRJ-TRACE-GRP PE group. Be sure to include the CMWKF01 (work file 1) DD name. It is suggested that work file 1 be written to tape due to the large number of records on the NS-TRANSACTION file. The output from this job will be compressed and then reloaded using the ADABAS Utility ADALOD.

(at this time, logon to PREDICT and generate the ADACMP/ADAWAN definition for the NS-TRANSACTION file, in the WANLIB library, under the name F182)

Under test conditions, the NS-TRANSACTION-FILE conversion process took 1hrs and 16min, wall clock time, to convert 243,299 records. The output from NS640182 required 1 tape from the tape silo.

Sample JCL for the NS-TRANSACTION-FILE conversion:

```
//NS640182 EXEC N02Z03,PRM='IM=F,MT=99999'  
//CMPRINT DD SYSOUT=*  
//CMSYNIN DD *  
NSMSLIBRARY,USERID  
%*  
PASSWORD  
NS640182  
FIN  
/*  
//CMWKF01 DD DSN=NS.TRANSACTION.FILE.NS640182.UNLOAD,  
// DISP=(NEW,CATLG,DELETE),UNIT=STK,  
// LABEL=(EXPDT=99000),VOL=(,,90)  
//GETCARDS EXEC PGM=NATBATCH,REGION=3072K,  
// PARM=('DBID=102,SYS=AIB,INTENS=1,FNAT=(,07),FSEC=(,08)',  
// 'FDIC=(,09),FUSER=(,16),UDB=000,AUTO=OFF')  
//STEPLIB DD DSN=SYS2A.DB000.NAT.LOAD.BATCH,DISP=SHR  
// DD DSN=SYS2A.ADABAS.LOAD,DISP=SHR  
//DDCARD DD *  
ADARUN PROGRAM=USER,DATABASE=102,SVC=245,DEVICE=3390,MODE=MULTI  
/*  
//CMEDIT DD DSN=MSIRM.DBAAS.DB102.EDITWORK.TSO,DISP=SHR  
//CMPRINT DD SYSOUT=*
```

```
//CMPRT01 DD SYSOUT=*
//CMWKF01 DD DSN=&&CARDS,UNIT=SYSDA,SPACE=(TRK,(1,1)),
//          DISP=(,PASS),
//          DCB=(RECFM=FB,LRECL=80,BLKSIZE=800)
//CMWKF03 DD DUMMY
//CMSYNIN DD *
SYSDIC,USERID
%*
PASSWORD
MENU
PUNCH F182,WANLIB
FIN
/*
//COMPRESS EXEC PGM=ADARUN,REGION=3072K
//STEPLIB DD DSN=SYS2A.ADABAS.LOAD,DISP=SHR
//DDCARD DD *
ADARUN PROGRAM=ADACMP,DATABASE=102,SVC=245,DEVICE=3390,MODE=MULTI
/*
//DDPRINT DD SYSOUT=*
//DDEBAND DD DSN=NS.TRANSACTION.FILE.NS640182.UNLOAD,
//          DISP=(OLD,KEEP,KEEP)
//DDAUSBA DD DSN=&&AUS,UNIT=SYSDA,SPACE=(CYL,(500,100),RLSE),
//          DISP=(,PASS),
//          DCB=(RECFM=VB,LRECL=18272,BLKSIZE=18276)
//DDFEHL DD DUMMY
//DDDRUCK DD SYSOUT=*
//DDKARTE DD DSN=&&CARDS,UNIT=SYSDA,DISP=(OLD,DELETE,DELETE)
// *
//DELFILE EXEC PGM=ADARUN,REGION=3072K
//STEPLIB DD DISP=SHR,DSN=SYS2A.ADABAS.LOAD
//SYSUDUMP DD SYSOUT=*
//DDPRINT DD SYSOUT=*
//DDDRUCK DD SYSOUT=*
//DDCARD DD *
ADARUN PROGRAM=ADADBS,SVC=245,DATABASE=102,DEVICE=3390
/*
//DDKARTE DD *
ADADBS DELETE FILE=182
/*
//LOAD EXEC PGM=ADARUN,REGION=3072K
//STEPLIB DD DSN=SYS2A.ADABAS.LOAD,DISP=SHR
//DDCARD DD *
ADARUN PROGRAM=ADALOD,SVC=245,DATABASE=102,MODE=MULTI,DEVICE=3390
/*
//DDASSOR1 DD DSN=MSIRM.DBAAS.DB102.ASSO,DISP=SHR
//DDDATAR1 DD DSN=MSIRM.DBAAS.DB102.DATA,DISP=SHR
//DDWORKR1 DD DSN=MSIRM.DBAAS.DB102.WORK,DISP=SHR
//DDTEMPR1 DD DSN=MSIRM.DBAAS.DB102.TEMP,DISP=OLD
//DDSORTR1 DD DSN=MSIRM.DBAAS.DB102.SORT,DISP=OLD
```

```
//SYSUDUMP DD DUMMY
//DDPRINT DD SYSOUT=*
//DDDRUCK DD SYSOUT=*
//DDEBAND DD DSN=&&AUS,UNIT=SYSDA,
//          DISP=(OLD,DELETE,DELETE),
//          DCB=(RECFM=VB,LRECL=18272,BLKSIZE=18276)
//DDKARTE DD *
ADALOD LOAD
ADALOD FILE=182
ADALOD NAME=NS-TRANSACTION
ADALOD MAXISN=250000
ADALOD UISIZE=3
ADALOD NISIZE=138
ADALOD DSSIZE=99
ADALOD ISNREUSE=YES
ADALOD ASSOPFAC=03,DATAPFAC=03
ADALOD SORTDEV=3390,DSDEV=3390,TEMPDEV=3390,VERSION=5
ADALOD SORTSIZE=350,TEMPSIZE=350
/*
//
```

This portion of the conversion process will require the services of the local support staff.

If your center **currently updates quantity at the bin level:**

- 1) At the next prompt, run NS640CNV.
This program reads and issues an UPDATE command for every record. This initializes the 2 new “normal “ suppression fields on these records and triggers inverted list entries for the new superdescriptors.
- 2) Submit a batch job to execute NSPRJSC1.
This program will be a “trial run” before any updating takes place.
All errors must be resolved before continuing to the next step.
- 3) Submit a batch job to execute NSPUJSC1.
 - a) This program will update the asset and asset traceable records with the bins, organization(s) and project(s) using data from the Bins file.
 - b) The Asset bin ids will be updated using the Bin ids from the Bins file.
 - c) The Asset Traceable organizations and projects will be updated using the organizations and projects from the Bins file.
 - d) No quantity is going to be updated only organizations and projects.
- 4) Submit a batch job to execute NSMS885. The JCL will need print file 01 (cmpprt01) and print file 02 (cmpprt02). This will produce a report of synchronization errors. The report will show differences between asset and asset org/projects quantities, and differences between asset traceable org/proj quantities against the asset org/proj quantities.

If your center currently does not **update quantity at the bin level**:

- 1) At the next prompt, run NS640CNV.
This program reads and issues an UPDATE command for every record. This initializes the 2 new "normal " suppression fields on these records and triggers inverted list entries for the new superdescriptors.
- 2) Submit a batch job to execute NSPUATCN.
 - a) This program will update the asset traceable file with the first occurrence of the organization, project and quantity using the asset Program Stock Org Code, Project Id and quantity respectively.
 - b) Any open reservation transactions will be updated with the asset Program Stock Org Code and Project Id.

7.0 Load Natural Error Messages

There are no error messages for this release.

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 |
| 4.0 | Install Predict |
| 5.0 | Catalog Source Code |

APPENDIX E

Sample JCL

Execution of ad hoc ED-QRY01

```
//IRNSMSMS JOB (MSIRMNSMS002,503),NSMS,MSGCLASS=I,CLASS=D,  
//      NOTIFY=XXXXX  
/*JOBPARM LINES=100  
// JCLLIB ORDER=(SYS2.USERPROC)  
// EXEC N02Z  
//CMPRINT DD SYSOUT=(R,P3109124)  
//CMSYNIN DD *  
XXXXXXXXX,NSBATCH  
NSBATCH  
ED-QRY01  
NS19991105  
//CMPRT01 DD SYSOUT=(R,XXXXXXXXX)  
//CMWKF01 DD DSN=XXXXX.XXXXXX.EDQRY01,DISP=SHR  
/*
```

Execution of ad hoc ED-QRY02

```
//IRNSMSMS Job (IRMNSMS002,503),NSMS,MSGCLASS=I,CLASS=D,  
//      NOTIFY=XXXXX  
// JCLLIB ORDER=(SYS2.USERPROC)  
// EXEC N02Z  
//CMPRINT DD SYSOUT=(R,P3109124)  
//CMSYNIN DD *  
XXXXXXXXX,NSBATCH  
NSBATCH  
ED-QRY02  
//CMPRT01 DD SYSOUT=(R,XXXXXXXXX)  
//CMWKF01 DD DSN=XXXXX.XXXXXX.EDQRY01,DISP=SHR  
/*
```