

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

Release 6.6.2

PrISMS Contract

March 2001



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

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

Approved by

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

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1 INTRODUCTION

1.1 Identification of the Release

This software release is identified as the National Aeronautics and Space Administration (NASA) Supply Management System (NSMS), Version Description Document (VDD), Release 6.6.2.

The release has an effective date of March 30, 2001 and is scheduled for implementation by April 30, 2001. Support of the previous release expires on the implementation date of release 6.6.2.

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 6.6.2, 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

Steve Rowell at telephone number (256)544-1452 or

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 includes the necessary modules to incorporate RC 970 and RC 995 approved by the CCB.

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

1. Enhancement - (SemiAnnual Report of Personal Property) 1620# - 970

Just-In-Time (JIT) items are being added to the 1324 report as part of item #7 (Line item refused) when it is considered as an over-the-counter issue. The 1324 report is always corrected manually to reflect the right data excluding the JIT transactions.

ACTION – Change the 1324 Report program to exclude or identify separately all Supply-Coded J (Just-In-Time items) in the 1324 reporting process.

2. Enhancement - (NSMS Initialization) 1620# - 995

Add a Government Warning statement upon entry to NSMS.

ACTION – Add the following message for the NASA official warning banner as follows “WARNING! This is a US Government computer. This system is for the use of authorized users only. By accessing and using the computer system you are consenting to system monitoring, including the monitoring of keystrokes. Unauthorized use of, or access to, this computer system may subject you to disciplinary action and criminal prosecution. Press Enter to Continue or PF12 to Cancel” to be displayed prior to entering the system.

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 August 2000.

2.5 APPLICATION SYSTEM ADMINISTRATION

Enhancement 970

1. Add the Semi-annual Personal Property 1324 to the Online Tasks Maintenance (TASKS) in the NS domain with:
FUNCTION: A
TASK TYPE: P
Task ID: NSPT13B2
Press <enter>

Enter: Command name: NASA13B2
Type: REPORTS
Title: SEMIANNUAL RPT - SUPPLY OPERATIONS
Secured: N
Function: blank
Comment: N
2. Add the appropriate security (SECURITY) to the users for the appropriate task. Remember to refresh the settings for the current session using the INIT command.
3. Add the SEMIANNUAL RPT - SUPPLY OPERATIONS to the Batch Task Maintenance (BATHTSK) in the NS domain with:
Action: A
Task ID: NSPR13B2
Task name: SEMIANNUAL RPT-SUPPLY OPERAT
Parameter Input Module: NSSF13B2
Number of work files: 0
Report ID: NSRB13B2
Name: SEMIANNUAL RPT-SUPPLY OPERAT
File No: 1
4. Add the NASA1324 Report to the Batch Job Maintenance (BATCHJOB) in the NS domain with:
Job ID: NASA13B2
Job Name: Semiannual-Supply Operations
Type of scheduling: U (User Initiated)
Type of submission: I (Immediate)
Task ID: NSPR13B2

Specify Copies, Output Type, and Output Option data for:
Report ID: NSRB13B2
Report Name: Semiannual Rpt-

File No: 1

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

FUNCTION: M
Task ID: NSMNRPT

Press <enter> until the menu is presented that contains the existing reports. At the command line, type Add, press <enter>. Select the task NSPT13B2. Process to completion.

6. Using the Batch Task Maintenance (BATHTSK) process, change the Asset 1324 Balance for the NS domain:

Task ID: NSPU132B
Task name: Asset 1324 Balance
Parameter Input Module: NSSF13B1
Number of work files: 1
Report ID: NSRB132S
Name: Asset 1324 Balance
File No: 1

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 6.6.2 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
NSMS	NASA Supply Management System
NSN	National Stock Number
RC	Requirements Change
UOG	User and Operations Guide
VDD	Version Description Document

APPENDIX B

GLOSSARY

This document has no terms to be defined.

APPENDIX C

FUNCTIONAL CHANGE VALIDATION PROCEDURES

1. Enhancement - (SemiAnnual Report of Personal Property) 1620# - 970

Just-In-Time (JIT) items are being added to the 1324 report as part of item #7 (Line item refused) when it is considered as an over-the-counter issue. The 1324 report is always corrected manually to reflect the right data excluding the JIT transactions.

- Change the program to exclude or identify separately all Supply Coded J (Just-In-Time items) from the 1324 reporting process.
- Capture the date and action taken in the Asset History when an asset is discontinued and/or re-activated.
- Change the Delete Discontinued Asset Record process to include the supply type code.
- Add a date field to the Site Parameter to capture the Asset 1324 Balance date. Add a map to allow for the next 1324 End Date to be entered when submitting the Asset 1324 Balance.
- Add an edit to the initiation process to stop processing if the Asset 1324 Balance has not been run at the appropriate time. If the user has supervisory or user authority, present a screen reflecting the Asset 1324 Balance must be run. If the user does not have supervisory or user authority, present a screen reflecting the Asset 1324 Balance must be run and directing them to contact the system administrator.

ASSET 1324 BALANCE VALIDATION

- Using the Site Parameter Table (SITEPARM) process, enter a date less than today's date for the 1324 End Date. Process to completion.
- Using the Asset 1324 Balance (LICT1324) process, verify the date entered for the 1324 End Date in the previous step matches the Last Reporting End (1324) Date displayed on the screen. Enter a date for the Next Reporting End (1324) Date. Process to completion.
- Using the Site Parameter Table (SITEPARM) process, verify the 1324 End Date reflects the date entered in the previous step for the Next Reporting End (1324) Date.

INITIALIZATION VALIDATION

SPECIAL NOTES: A second user-id is required to test the functionality of this process. The System Security Maintenance (SECURITY) process may be used to copy a user-id to a new user-id.

- Using the Site Parameter Table (SITEPARM) process, enter a date less than today's date for the 1324 End Date. Process to completion.
- Using the System Security Maintenance (SECURITY) process, modify the user's (first user-id) access to blank for the Asset 1324 Balance process. Process to completion.
- Using the System Security Maintenance (SECURITY) process, modify the user's (second user-id) access to either supervisory (S) or user (U) for the Asset 1324 Balance process. Process to completion.
- Using the Initialization (INIT) process, attempt to process within NSMS using the first user-id. A screen will be presented reflecting that NSMS is not configured properly due to the Asset 1324 Balance process. The user will not be able process within NSMS and will be returned to the initialization screen.
- Using the Initialization (INIT) process, attempt to process within NSMS using the second user-id. The user will be presented a screen reflecting the Asset 1324 Balance either has not been executed or has not successfully executed.
- Using the Site Parameter Table (SITEPARM) process, enter a date greater than today's date for the 1324 end date. Process to completion.
- Using the Initialization (INIT) process, attempt to process within NSMS using the first user-id. Processing should be allowed as normal.
- Using the Initialization (INIT) process, attempt to process within NSMS using the second user-id. Processing should be allowed as normal.

ADD, CHANGE, DELETE ASSET VALIDATION

- Using the Add, Change, or Delete Catalog Detail (CATADCHG) process, add a catalog record and process to completion. This record will be known as **Catalog1**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset for **Catalog1**. Do not process asset as a direct delivery. Enter a blank ASSET-SUPPLY-TYPE-CODE and process to completion. This will be known as **Asset1**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock direct delivery asset for **Catalog1**. Enter a blank ASSET-SUPPLY-TYPE-CODE and process to completion. This will be known as **Asset2**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, change the ASSET-SUPPLY-TYPE-CODE to "J" in both **Asset1** and **Asset2**. Process to completion.
- Using the provided adhoc, (NSMS970A), verify that both **Asset1** and **Asset2** have the following information displayed in the last occurrence: current date and "STCKED TO JIT".
- Using the Add, Change or Delete Asset (ADCHGAST) process, change the ASSET-SUPPLY-TYPE-CODE to blank in both **Asset1** and **Asset2**. Process to completion.

- Using the provided adhoc NSMS970A, verify that both **Asset1** and **Asset2** have the following information displayed in the last occurrence: current date and "JIT TO STCKED".
- Using the Add, Change or Delete Asset (ADCHGAST) process, change the ASSET-SUPPLY-TYPE-CODE to "E" in both **Asset1** and **Asset2**. Process to completion.
- Using the provided adhoc NSMS970A, verify that both **Asset1** and **Asset2** have the following information displayed in the last occurrence: current date and "STCKED TO JIT".
- Repeat the test for Program Stock (Stock Status Code of "2") and Standby Stock (Stock Status Code of "3") assets.

DELETE DISCONTINUED ASSETS VALIDATION

- Using the Add, Change, or Delete Catalog Detail (CATADCHG) process, add a catalog record and process to completion. This record will be known as **Catalog1**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add two store stock assets for **Catalog1**. Enter a blank ASSET-SUPPLY-TYPE-CODE for each. Do not add the assets as direct deliveries. Process to completion. These records will be known as **Asset1** and **Asset2**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add two store stock assets for **Catalog1** with an ASSET-SUPPLY-TYPE-CODE 'J' for each. Do not add the assets as direct deliveries. Process to completion. These records will be known as **Asset3** and **Asset4**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add two store stock assets for **Catalog1** with an ASSET-SUPPLY-TYPE-CODE 'E' for each. Do not add the assets as direct deliveries. Process to completion. These records will be known as **Asset5** and **Asset6**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add two direct delivery store stock assets for **Catalog1**. Enter a blank ASSET-SUPPLY-TYPE-CODE for each and process to completion. These records will be known as **Asset7** and **Asset8**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add two direct delivery store stock assets for **Catalog1**. Enter a 'J' ASSET-SUPPLY-TYPE-CODE for each and process to completion. These records will be known as **Asset9** and **Asset10**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add two direct delivery store stock assets for **Catalog1**. Enter an 'E' ASSET-SUPPLY-TYPE-CODE for each and process to completion. These records will be known as **Asset11** and **Asset12**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, enter "D" in ACTION and **Asset1**. Process to completion. (Repeat for **Asset3**, **Asset5**, **Asset7**, **Asset9** and **Asset11**.) The assets should be deleted.

- Using the Monitor Transaction (Multi-Purpose) (MONTRANS) process, verify that an Asset Delete (ASDL) transaction was generated for **Asset1**, **Asset3**, **Asset5**, **Asset7**, **Asset9** and **Asset11**. Verify that each of these transactions have the correct value in the ASSET-SUPPLY-TYPE-CODE field.
- Using the Inventory Adjustment (INVADJST) process, add quantity to **Asset2**, **Asset4** and **Asset6**. Process to completion.
- Using the Inventory Adjustment (INVADJST) process subtract all the quantity from **Asset2**, **Asset4** and **Asset6**. The asset quantity should be zero for each of these assets.
- Using the Manual Commercial Due-In (MANCOMDI) process, create a Due-In for **Asset8**, **Asset10** and **Asset12**. Be sure to enter purchase order number in each.
- Using the Receive Due-In Not-Due-In (DINOTDI) process, receive each of the Due-Ins for **Asset8**, **Asset10** and **Asset12**. The asset quantity for each should be zero.
- Using the Add, Change or Delete Asset (ADCHGAST) process, enter “D” in ACTION and **Asset2**. Process to completion. (Repeat for **Asset4**, **Asset6**, **Asset8**, **Asset10** and **Asset12**). The asset(s) should become Discontinued.
- Using the Delete Discontinued Asset Record (DELDISAS) batch job process, enter current date and process to completion.
- Using the Monitor Transaction (Multi-Purpose) (MONTRANS) process, verify that an Asset Delete (ASDL) transaction was created for **Asset2**, **Asset4**, **Asset6**, **Asset8**, **Asset10** and **Asset12**. Verify that each transaction has the correct value in the ASSET-SUPPLY-TYPE-CODE field.
- Repeat the test for Program Stock (Stock Status Code of “2”) and Standby Stock (Stock Status Code of “3”) assets.

SEMI-ANNUAL PERSONAL PROPERTY REPORT VALIDATION

SPECIAL NOTES:

Testing the 1324 report requires executing the Asset Balance process. The Asset Balance process should be run as the last job of the day. Once this process has executed, no one should create any more transactions for that day. Catalog and asset updates (add, change, delete) should not be processed after the Asset Balance has run on that day. Transactions, as well as Catalog and Asset updates, can be created on the following day.

This test will require the supervisor access level for the Asset 1324 Balance process and the Receive Turn-In for Credit/No Credit process. Use the System Security Maintenance (SECURITY) process to change the access level (‘S’ for supervisory) for both processes for this test. After changing the access level, remember to re-initialize (INIT) your user-id before continuing the test.

An adhoc (NSMS970) is provided to assist in verifying the SemiAnnual Report of Supply Operations report. The adhoc must be run at the next prompt.

An adhoc (NSMS970B) is provided to assist in preparing selected JIT Order (DIEC) transactions for this test. This adhoc must be run at the next prompt.

An adhoc (NSMS97L2) is provided to assist in verifying the data on Line 2 of the SemiAnnual Report of Supply Operations. This adhoc must be run at the next prompt.

An adhoc (NSMS97L3) is provided to assist in verifying the data on Line 3 of the SemiAnnual Report of Supply Operations. This adhoc must be run at the next prompt.

An adhoc (NSMS97L9) is provided to assist in verifying the data on Line 9 of the SemiAnnual Report of Supply Operations. This adhoc must be run at the next prompt.

The line item counts for Line2 and Line3 of the SemiAnnual Report of Supply Operations Report will not be incremented when an asset is created/activated then discontinued/deleted within the reporting period.

- Using the Add, Change, or Delete Catalog Detail (CATADCHG) process, add a catalog record. Process to completion. This record will be known as **Cat1**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock, program stock, and standby stock asset for **Cat1**. Enter 'EA' in the unit issue for all three assets, and do not add the assets as direct delivery nor as JIT items. Process to completion.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset for **Cat1** with a supply type code of 'J'. Do not add the asset as direct delivery. Process to completion.
- Using the Asset 1324 Balance (LICT1324) process, execute the batch job to produce an Asset 1324 Balance. Submit the batch job. Process to completion. Do not proceed until the batch job has completed. (See Special Notes.) This Asset 1324 Balance will be known as **Asset-Balance-1**.
- **Special Note:** Do not continue processing the remainder of this test until the next day.
- Using the Supply Source Table (SORCETBL) process, select one supply source from each of the following combinations of (reorder-source + supply-source-type), note the selections:
 - Reorder source 'F' (federal),
Supply-source-type 'F' (federal)

- Reorder source 'F' (federal),
Supply-source-type 'M' (military)
- Reorder source 'F' (federal),
Supply-source-type 'O' (other)
- Reorder source 'C' (commercial),
Supply-source-type 'C' (commercial).
- Using the Add, Change, or Delete Catalog Detail (CATADCHG) process, add a catalog record with the federal - federal supply source. This record will be known as **Cat2**.
- Using the Add, Change, or Delete Catalog Detail (CATADCHG) process, add a catalog record with the federal - military supply source. This record will be known as **Cat3**.
- Using the Add, Change, or Delete Catalog Detail (CATADCHG) process, add a catalog record with the federal - other supply source. This record will be known as **Cat4**.
- Using the Add, Change, or Delete Catalog Detail (CATADCHG) process, add a catalog record with the commercial - commercial supply source. This record will be known as **Cat5**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock, program stock, and standby stock asset for **Cat2**. Enter 'EA' in the unit issue and 100 in the est. avg. monthly demand for all three assets, and do not add the assets as direct delivery nor as JIT items. Process to completion. The store stock asset will be known as **Asset1**. The program stock asset will be known as **Asset2**. The standby stock asset will be known as **Asset3**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock, program stock, and standby stock asset for **Cat3**. Enter 'EA' in the unit issue and 100 in the est. avg. monthly demand, and do not add the assets as direct delivery nor as JIT items. Process to completion. The store stock asset will be known as **Asset4**. The program stock asset will be known as **Asset5**. The standby stock asset will be known as **Asset6**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock, program stock, and standby stock asset for **Cat4**. Enter 'EA' in the unit issue and 100 in the est. avg. monthly demand, and do not add the assets as direct delivery nor as JIT items. Process to completion. The store stock asset will be known as **Asset7**. The program stock asset will be known as **Asset8**. The standby stock asset will be known as **Asset9**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock, program stock, and standby stock asset for **Cat5**. Enter 'EA' in the unit issue and 100 in the est. avg. monthly demand, and do not add the assets as direct delivery nor as JIT items. Process to completion. The store stock asset will be known as **Asset10**. The program stock asset will be known as **Asset11**. The standby stock asset will be known as **Asset12**.

- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset for **Cat2** with a supply type code of 'J'. Enter 'EA' in the unit issue and 100 in the est. avg. monthly demand, and do not add the asset as direct delivery. Process to completion. This asset will be known as **Asset13**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a program stock asset for **Cat3** with a supply type code of 'J'. Enter 'EA' in the unit issue and 100 in the est. avg. monthly demand, and do not add the asset as direct delivery. Process to completion. This asset will be known as **Asset14**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a standby stock asset for **Cat4** with a supply type code of 'J'. Enter unit issue and 100 in the est. avg. monthly demand, and do not add the asset as direct delivery. Process to completion. This asset will be known as **Asset15**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset for **Cat5** with a supply type code of 'J'. Enter 'EA' in the unit issue and 100 in the est. avg. monthly demand, and do not add the asset as direct delivery. Process to completion. This asset will be known as **Asset16**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset for **Cat2** with a direct delivery of 'Y'. Enter 'EA' in the unit issue and 100 in the est. avg. monthly demand, and do not add the asset as a JIT item. Process to completion. This asset will be known as **Asset17**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a program stock asset for **Cat3** with a direct delivery of 'Y'. Enter 'EA' in the unit issue and 100 in the est. avg. monthly demand, and do not add the asset as a JIT item. Process to completion. This asset will be known as **Asset18**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a standby stock asset for **Cat4** with a direct delivery of 'Y'. Enter 'EA' in the unit issue and 100 in the est. avg. monthly demand, and do not add the asset as a JIT item. Process to completion. This asset will be known as **Asset19**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a store stock asset for **Cat5** with a direct delivery of 'Y'. Enter 'EA' in the unit issue and 100 in the est. avg. monthly demand, and do not add the asset as a JIT item. Process to completion. This asset will be known as **Asset20**.
- Using the Fed/Mil Order Demand Items (FEDEMAND) process, order quantity for each of the federal direct delivery assets (**Asset17**, **Asset18**, and **Asset19**). Process to completion.
- Using the Monitor Transaction (MONTRANS) process, note the respective quantities, document numbers, and federal document numbers of the transactions.
- Using the Commercial Order Demand Items (CODIRECT) process, order quantity for the commercial direct delivery asset **Asset20**. Enter a purchase

order number. Process to completion. Note the purchase order number, quantity, and document number.

- Using the Monitor Transaction (MONTRANS) process, verify all transactions associated with the order.
- Using the Create Manual Due Out (MANUALDO) process, order quantity for each of the federal JIT assets (**Asset13**, **Asset14**, and **Asset15**) and the commercial JIT asset **Asset16**.
- Using the Monitor Transactions (MONTRANS) process, verify the due-out transactions.
- Using the Manual Fed/Mil Order Entry (MANFED) process, order the quantities requested in the respective due-out transactions for each of the federal JIT assets (**Asset13**, **Asset14**, and **Asset15**). Process to completion.
- Using the Monitor Transaction (MONTRANS) process, note the respective quantities, document numbers and purchase order numbers of each transaction (**Asset13**, **Asset14**, and **Asset15**).
- Using the Manual Commercial Due-In (MANCOMDI) process, order the quantity requested in the due-out transaction for the commercial JIT asset **Asset16**. Enter a purchase order number. Process to completion. Note the purchase order number, quantity, and document number.
- Using the Monitor Transaction (MONTRANS) process, verify all transactions associated with the order.
- Using the Receive Due-in/Not-Due-in (DINOTDI) process, receive the quantities ordered for all of the JIT and direct delivery assets (**Asset13**, **Asset14**, **Asset15**, **Asset16**, **Asset17**, **Asset18**, **Asset19**, and **Asset20**). Remember to release due-outs. Note: when receiving commercial JIT asset **Asset16** and commercial direct delivery asset **Asset20**, use the specific purchase order numbers that were ordered. Process to completion.
- Using the Monitor Transactions (MONTRANS) process, verify the receipt and issue transactions. Note the document numbers of the transactions.
- Using the Asset Scan (SCANASET) process, verify the quantity on-hand is zero for **Asset13**, **Asset14**, **Asset15**, **Asset16**, **Asset17**, **Asset18**, **Asset19**, and **Asset20**.
- Using the Add, Change or Delete Catalog Detail (CATADCHG) process, add valid vendor id values to **Cat2**, **Cat3**, **Cat4**, and **Cat5**.
- Using the Add, Change or Delete Asset (ADCHGAST) process, change the supply type codes of **Asset13**, **Asset14**, **Asset15**, and **Asset16** to 'E'. Process to completion.
- Using the Manual Due-Out (MANUALDO) process, order quantity for each of the federal JIT assets (**Asset13**, **Asset14**, and **Asset15**) and the commercial JIT asset **Asset16**. Note the document numbers created.
- At the next prompt, run the adhoc program NSMS970B. Enter the domain, stock number, stock status code, stock ownership and purchase order

number and press <enter>. This must be done for **Asset13, Asset14, Asset15, and Asset16.**

- Using the View DIEC/DIED (VIEWECED) process, note the presence of the asset keys of **Asset13, Asset14, Asset15, and Asset16**, enter a 'Y' in the "Do you want to transmit EDI?" field. Process to completion.
- Using the EDI 850 Transactions (JIT850) process, enter domain 'NS' to create/transmit the 850 electronic file for **Asset13, Asset14, Asset15, and Asset16.** Process to completion.
- Using the Monitor Transaction (MONTRANS) process, note the respective quantities, document numbers, and purchase order numbers for each transaction.
- Using the JIT Receipt (JITRCEC) process, receive the quantities ordered for **Asset13, Asset14, Asset15, and Asset16** using the document numbers of the due-in/due-out (DIEC) transactions created for the assets. Process to completion. Note the document number(s) for each receipt transaction.
- Using the Monitor Transactions (MONTRANS) process, verify the receipt transactions.
- Using the Asset Scan (SCANASET) process, verify the quantity on-hand is zero for **Asset13, Asset14, Asset15, and Asset16.**
- Using the Receive Due-in/Not-Due-in (DINOTDI) process, receive not-due-in quantities (at least 20 units each) against the following stocked assets: **Asset1, Asset2, Asset3, Asset4, Asset5, Asset6, Asset7, Asset8, Asset9, Asset10, Asset11, and Asset12.** When prompted, enter the specific supply source code used in the assets' respective catalog records and do not release due-outs. Process to completion. Note the respective quantity and document number(s) for each receipt transaction.
- Using the Monitor Transactions (MONTRANS) process, verify the receipt transactions. Note: the receipt transactions for **Asset1, Asset3, Asset4, Asset7, Asset8, Asset9, and Asset11** will be known respectively as **Receipt1, Receipt3, Receipt4, Receipt7, Receipt8, Receipt9, and Receipt11.**
- Using the Asset Scan (SCANASET) process, verify the quantities on-hand for **Asset1, Asset2, Asset3, Asset4, Asset5, Asset6, Asset7, Asset8, Asset9, Asset10, Asset11, and Asset12.**
- Using the Create Issue Directive (ISSUEPRE) process, issue approximately one-half of the quantity on-hand for each of **Asset2, Asset6, and Asset10.**
- Using the Monitor Transactions (MONTRANS) process, verify the issue transactions.
- Using the Asset Scan (SCANASET) process, verify the quantities on-hand for **Asset2, Asset6, and Asset10.**
- Using the Create Issue Directive (ISSUEPRE) process, issue quantity which exceeds the remaining quantity on-hand of **Asset2, Asset6, and Asset10.** Make sure to allow partial issues and the creation of Due-Outs.

- Using the Monitor Transactions (MONTRANS) process, verify the issue and due-out transactions for each asset.
- Using the Asset Scan (SCANASET) process, verify the quantity on-hand is zero for **Asset2**, **Asset6** and **Asset10**.
- Using the Manual Commercial Due-In (MANCOMDI) process, order quantity for the commercial stocked asset (**Asset10**). Enter a purchase order number. Process to completion. Note the purchase order number, quantity ordered, and document number.
- Using the Monitor Transactions (MONTRANS) process, verify the due-in transaction.
- Using the Manual Fed/Mil Order Entry (MANFED) process, order quantity for the Federal/Federal and Federal/Military stocked assets (**Asset2** and **Asset6**). Process to completion. Note the quantities ordered, and document numbers associated for each transaction.
- Using the Monitor Transactions (MONTRANS) process, verify the due-in transactions for **Asset2** and **Asset6**.
- Using the Inventory Adjustment (INVADJST) process, adjust the stocked assets (**Asset3**, **Asset7**, and **Asset11**) quantities on-hand as shown below. The assets, the reasons, the reason codes, and the quantities increased/decreased for the respective adjustments are as follows:
 - **Asset3** Physical Inventory Discrepancy (Code 1) decrease by 2 units
 - **Asset7** Physical Inventory Discrepancy (Code 1) increase by 5 units
 - **Asset11** Damage/Destruction (Code 2) decrease by 1 unit
 - **Asset3** Obsolescence/Deterioration (Code 3)) decrease by 4 units
 - **Asset7** Loss (Code 4) decrease by 2 units
 - **Asset11** Theft (Code 5) decrease by 3 units
 - **Asset3** Correct Adjust Done in Error (Code 6) decrease by 2 units
 - **Asset7** Correct Adjust Done in Error (Code 6) increase by 4 units
 - **Asset11** Operational Error (Code 7) decrease by 2 units
 - **Asset3** Operational Error (Code 7) increase by 1 unit
 - **Asset7** Fed/Mil Order Conversion Discrepancy (Code 8) decrease by 1 unit
 - **Asset11** Returns to Vendor (Code 10) decrease by 2 units
 - **Asset3** Excess to PDO (Code 11) decrease by 3 units
- Using the Monitor Transactions (MONTRANS) process, verify the adjustment transactions. Note the respective quantity, price difference, and reason associated with each adjustment.
- Using the Asset Scan (SCANASET) process, verify the quantity on-hand and average price for the assets.
- Using the Asset Scan (SCANASET) process, note the quantity on-hand for **Asset1**.

- Using the Transfer Asset (TRANSAST) process, transfer quantity from the store stock asset **Asset1** to the standby stock asset **Asset3**.
- Using the Monitor Transactions (MONTRANS) process, verify the transfer transactions.
- Using the Asset Scan (SCANASET) process, note the quantity on-hand and average price for the assets.
- Using the Asset Scan (SCANASET) process, determine the quantity on-hand for **Asset9**.
- Using the Transfer Asset (TRANSAST) process, transfer a different quantity (different from the quantity transferred from **Asset1** to **Asset3**) from the standby stock asset **Asset9** to the store stock asset **Asset7**.
- Using the Monitor Transactions (MONTRANS) process, verify the transfer transactions. Note the respective price difference associated with the transfer transactions.
- Using the Asset Scan (SCANASET) process, verify the quantity on-hand and average price for the assets.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add store stock assets for **Cat2** and **Cat5**. For both assets, enter the same stock ownership value. Enter 'EA' in the unit issue and 100 in the est. avg. monthly demand, and do not add the assets as direct delivery nor as JIT items. Process to completion. The asset created for **Cat2** will be known as **Asset21**. The asset created for **Cat5** will be known as **Asset22**.
- Using the Receive Due-in/Not-Due-in (DINOTDI) process, receive not-due-in quantities (different quantities—at least 20 units each) against **Asset21** and **Asset22**. When prompted, enter the specific supply source codes used in **Cat2** and **Cat5** and do not release due-outs. Process to completion. Note the quantities and document numbers.
- Using the Monitor Transactions (MONTRANS) process, verify the receipt transactions. Note: the receipt transaction for **Asset22** will be known as **Receipt22**.
- Using the Asset Scan (SCANASET) process, verify the quantity on-hand for **Asset21** and **Asset22**.
- Using the Consolidate Asset Process (CONSLAST) process, consolidate **Asset22** into **Asset21**. Process to completion.
- Using the Monitor Transactions (MONTRANS) process, verify the consolidation transactions. Note the document numbers.
- Using the Asset Scan (SCANASET) process, verify the quantity on-hand for **Asset21** and verify that **Asset22** is no longer listed.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add bin-ids to **Asset3**, **Asset7**, and **Asset11**.
- Using the Create Issue Directive (ISSUEPRE) process, issue less than the quantity on-hand for **Asset3**, **Asset7**, and **Asset11**. Note the respective document numbers associated with each issue transaction.

- Using the Create Warehouse Denial (WHSEDENI) process, specify the same document numbers and physical quantities less than the quantities issued to create warehouse denials for the issues of **Asset3**, **Asset7**, and **Asset11**. Note all document numbers associated for each denial.
- Using the Monitor Transactions (MONTRANS) process, verify the transactions associated with each asset.
- Using the Freeze/Unfreeze Asset (FRZASSET) process, remove the warehouse denial freezes on **Asset3**, **Asset7**, and **Asset11**.
- Using the Asset Scan (SCANASET) process, note the quantity on-hand for **Asset3**, **Asset7**, and **Asset11**.
- Using the Inventory Counts Main Menu (INVCTSMM) process, prepare and process an inventory count of type FSA (specify 'N' for last inventory date check) for **Asset3**, **Asset7**, and **Asset11**. For each asset, specify a quantity which differs from the quantity on-hand. Process to completion of the final adjustment.
- Using the Monitor Transactions (MONTRANS) process, note the document numbers associated with each asset, and verify the transactions associated with each asset.
- Using the Receive Turn-in for Credit/No Credit (TURNIN) process, specify the document numbers of the Issue Pre-Post (ISPR) transactions generated by the warehouse denials to receive turn in quantities of **Asset3** and **Asset7** for credit, and **Asset11** for no credit. Note the document number of the transactions. The turn-in transactions for **Asset3**, **Asset7**, and **Asset11** will be respectively known as **Turn-in3**, **Turn-in7**, and **Turn-in11**.
- Using the Monitor Transactions (MONTRANS) process, verify the transaction associated with each asset.
- Using the Reservation of Program Stock (RESERVE) process, reserve quantity of **Asset11**.
- Using the Issue/Adjust Reserved Stock (ISSUERSV) process, specify the asset key for **Asset11** to issue less than the reserved quantity of **Asset11**.
- Using the Monitor Transactions (MONTRANS) process, verify the reservation transaction and the issue transaction.
- Using the Receipt/Issue (Wash-Post) process (WASHPOST), receive/issue quantity of **Asset11**.
- Using the Monitor Transactions (MONTRANS) process, verify the associated transactions.
- Using the Transaction Adjustment (TRANSADJ) process, specify new total prices for **Receipt1**, **Receipt3**, **Receipt7**, **Receipt9**, **Receipt11**, **Receipt22**, **Turn-in3**, **Turn-in7**, and **Turn-in11**. Process to completion. If the process encounters a "branching" situation (e.g.; an asset transfer or consolidation), the process records the document number of those transactions so the Transaction Adjustment (TRANSADJ) process can be repeated for the "branching" transactions. You must complete all the transactions (both sides,

i.e. if you did a receipt on an asset, then transferred some quantity to a different asset, you must do the adjustment for the gaining asset.) Note the document numbers of the transactions.

- Using the Monitor Transactions (MONTRANS) process, verify all transactions associated with each asset.
- Using the Post-Post Issue (ISSUEPP) process, issue quantity for **Asset3**, **Asset7**, and **Asset11**.
- Using the Monitor Transactions (MONTRANS) process, verify the issue transaction associated with each asset.
- Using the Add, Change, and Delete Asset (ADCHGAST) process, delete/discontinue two of the assets created for **Cat1**. Process to completion.
- Using the Delete Discontinued Assets (DELDISAS) process, delete those assets which were discontinued on or prior to the test date. Process to completion.
- Using the Add, Change, and Delete Asset (ADCHGAST) process, delete/discontinue all remaining assets created for **Cat1**. Process to completion.
- Using the Asset 1324 Balance (LICT1324) process, execute the batch job to produce an Asset 1324 Balance. Submit the batch job. Process to completion. Do not proceed until the batch job has completed. This Asset 1324 Balance will be known as **Asset-Balance-2**.
- Using the Semiannual Report of Supply Operations (NASA13B2) process, execute the batch job to produce the 1324 Report. For the beginning date, type a 'B' next to the date of **Asset-Balance-1**. For the ending date, type an 'E' next to the date of **Asset-Balance-2**. Specify values for Installation Site and Installation Contact. Submit the batch job. Process to completion. Do not proceed until the batch job has completed. This issue of the report will be known as **Report1**.
- Using the Monitor Transaction (MONTRANS) process, verify that **Report1** properly reports the issues, receipts, refusals, adjustments, reversals, and transfers occurring within its reporting period.
- **Special Note:** Do not continue processing the remainder of this test until the next day.
- Using the Receive Due-in/Not-Due-in (DINOTDI) process, receive not-due-in quantities (at least 20 units each) against **Asset3**, **Asset7**, and **Asset11**. When prompted, enter the specific supply source code used in the assets' respective catalog records and do not release due-outs. Process to completion. Note the respective quantity and document number(s) of the transactions.
- Using the Monitor Transactions (MONTRANS) process, verify the receipt transactions.
- Using the Asset Scan (SCANASET) process, verify the quantities on-hand for **Asset3**, **Asset7** and **Asset11**.

- Using the Post-Post Issue (ISSUEPP) process, issue quantity for **Asset3**, **Asset7**, and **Asset11**.
- Using the Monitor Transactions (MONTRANS) process, verify the issue transaction associated with each asset.
- Using the Inventory Adjustment (INVADJST) process, adjust the quantities of **Asset3**, **Asset7**, and **Asset11**. Specify a different reason for each adjustment.
- Using the Monitor Transactions (MONTRANS) process, verify the adjustment transactions. Note the respective quantity, price difference, and reason associated with each adjustment.
- Using the Asset Scan (SCANASET) process, note the quantity on-hand and average price for the assets.
- Using the Transaction Reversals (REVTRANS) process, reverse the **Receipt4** and **Receipt8** transactions. Process to completion.
- Using the Monitor Transactions (MONTRANS) process, verify the reversal transactions and the reversed status of the receipt transactions.
- Using the Asset Scan (SCANASET) process, verify the quantities on-hand are zero.
- Using the Asset 1324 Balance (LICT1324) process, execute the batch job to produce an Asset 1324 Balance. Submit the batch job. Process to completion. Do not proceed until the batch job has completed. (See Special Notes.) This Asset 1324 Balance will be known as **Asset-Balance-3**. Note: **Asset-Balance-3** must not occur on the same date as **Asset-Balance-2**.
- Using the Semiannual Report of Supply Operations (NASA13B2) process, execute the batch job to produce the 1324 Report. For the beginning date, type a 'B' next to the date of **Asset-Balance-1**. For the ending date, type an 'E' next to the date of **Asset-Balance-2**. Specify values for Installation Site and Installation Contact. Submit the batch job. Process to completion. Do not proceed until the batch job has completed. This issue of the report will be known as **Report2**.
- Compare the output from **Report1** and **Report2**. Verify that the receipt/issue/adjustment/reversal activity which took place following **Asset Balance-2** and before **Asset Balance-3** does not appear in **Report2**.
- Compare the output from **Report1** and **Report2**. Verify that the information presented in lines 1 through 34 is identical in the two reports. In the event that transactions are processed on the same day of **Report1** but after **Report1** has been executed, the line counts and dollar values may not match.
- Using the Semiannual Report of Supply Operations (NASA13B2) process, execute the batch job to produce the 1324 Report. For the beginning date, type a 'B' next to the date of **Asset-Balance-2**. For the ending date, type an 'E' next to the date of **Asset-Balance-3**. Specify the same values for Installation Site and Installation Contact as were specified for **Report1**.

Submit the batch job. This report will be known as **Report3**. Do not proceed until the batch job has completed.

- Using the Monitor Transactions (MONTRANS) process, verify that the receipt/issue/adjustment/reversal activity which took place following **Asset Balance-2** and before **Asset Balance-3** appears in **Report3**.
- Verify the accuracy of each 1324 Report's beginning/ending dates, fiscal year, installation site, and installation contact. Note that the beginning date shown in each report header is the first day following the date of its beginning Asset 1324 Balance.
- **Special Note:** Do not continue processing the remainder of this test until the next day.
- Using the NSMS Initialization & Logon (163) (INIT) process, logon to a domain other than 'NS'. The domain identifier must begin with 'N'. This domain will be known as **Domain1**.
- Using the Site Parameter Table (SITEPARM) process, modify the site parameters for **Domain1**. Specify a Include in 1324 HQ Report value of 'Y', an As Pre-Expended value of 'N', and an Include Recpts in 1324 value of 'Y'. Process to completion.
- Using the Add, Change or Delete Asset (ADCHGAST) process, add a program stock asset and a standby stock asset for **Cat5**. Enter 'EA' in the unit issue and 100 in the est. avg. monthly demand, and do not add the assets as direct delivery nor as JIT items. Process to completion. The program stock asset will be known as **Asset23**. The standby stock asset will be known as **Asset24**.
- Using the Manual Commercial Due-In (MANCOMDI) process, order quantities of **Asset23** and **Asset24**. Enter purchase order numbers for each asset ordered. Process to completion. Note the purchase order numbers, quantities ordered, and document number(s).
- Using the Receive Due-in/Not-Due-in (DINOTDI) process, receive the quantities ordered for **Asset23** and **Asset24**. Process to completion.
- Using the Monitor Transactions (MONTRANS) process, verify the receipt transactions.
- Using the Asset Scan (SCANASET) process, verify the quantities on-hand for **Asset23** and **Asset24**.
- Using the Post-Post Issue (ISSUEPP) process, issue quantities for **Asset23** and **Asset24**.
- Using the Monitor Transactions (MONTRANS) process, verify the issue transactions.
- Using the NSMS Initialization & Logon (163) (INIT) process, logon to domain 'NS'.
- Using the Asset 1324 Balance (LICT1324) process, generate an Asset 1324 Balance. Submit the batch job. Process to completion. Do not proceed until the batch job has completed. (See Special Notes.) This Asset 1324 Balance

will be known as **Asset-Balance-4**. Note: **Asset-Balance-4** must not occur on the same date as **Asset-Balance-3**.

- Using the Semi-Annual Report of Supply Operations (NASA13B2) process, execute the batch job to produce the 1324 Report. For the beginning date, type a 'B' next to the date of **Asset-Balance-3**. For the ending date, type an 'E' next to the date of **Asset-Balance-4**. Specify the same values for Installation Site and Installation Contact as were specified for **Report1**. Submit the batch job. Process to completion. Do not proceed until the batch job has completed. This issue of the report will be known as **Report4**.
- Examine Section 1 of **Report4**. Verify that the addition of **Asset23** and **Asset24** is reported in Section1.
- Using the NSMS Initialization & Logon (163) (INIT) process, logon to **Domain1**.
- Using the Monitor Transaction (MONTRANS) process, verify that **Report4** properly reports the orders, issues, and receipts against **Asset23** and **Asset24** occurring within its reporting period.

2. Enhancement - (NSMS Initialization) 1620# - 995

Add a Government Warning statement upon entry to NSMS.

ACTION – Add the following message for the NASA official warning banner as follows “WARNING! This is a US Government computer. This system is for the use of authorized users only. By accessing and using the computer system you are consenting to system monitoring, including the monitoring of keystrokes. Unauthorized use of, or access to, this computer system may subject you to disciplinary action and criminal prosecution. Press Enter to Continue or PF12 to Cancel” to be displayed prior to entering the system.

VALIDATION

- Log into NSMS, a window should be displayed reflecting “WARNING! This is a US Government computer. This system is for the use of authorized users only. By accessing and using the computer system you are consenting to system monitoring, including the monitoring of keystrokes. Unauthorized use of, or access to, this computer system may subject you to disciplinary action and criminal prosecution. Press Enter to Continue or PF12 to Cancel”. Press <PF12> to cancel.
- Log into NSMS. a window should be displayed reflecting “WARNING! This is a US Government computer. This system is for the use of authorized users only. By accessing and using the computer system you are consenting to system monitoring, including the monitoring of keystrokes. Unauthorized use of, or access to, this computer system may subject you to disciplinary action and criminal prosecution. Press Enter to Continue or PF12 to Cancel”. Press <enter> to log into NSMS.

APPENDIX D

INSTALLATION INSTRUCTIONS AND CHECKLIST

Introduction

Release information:

System Name: NSMS
Release Number: 6.6.2
Release Date: March 2001
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.R662.R0301.DOC
- xxMOV.NSMS.PROD.R662.R0301.ERR
- xxMOV.NSMS.PROD.R662.R0301.PRD
- xxMOV.NSMS.PROD.R662.R0301.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
- 9.0 Installation Checklist

1. Back Up Existing Data

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

2. Copy Source/Object Code

2.1 Load Source Code

Load the NSMS source modifications from the dataset xxMOV.NSMS.PROD.R662.R0301.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:

Natural Source Modules by Type	
GLOBAL DATA AREA	0
LOCAL/PARAM DATA AREA	12
MAPS	18
HELP ROUTINES	0
SUBROUTINES	6
SUBPROGRAMS	0
PROGRAMS	16
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	52

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>
NSDL13B1	Asset 1324 Balance	LDA	970
NSDL13B2	NASA1324	LDA	970
NSDL13B3	NASA1324	LDA	970
NSDL13B4	NASA1324	LDA	970
NSDL13B5	NASA1324	LDA	970
NSDL13B6	NASA1324	LDA	970
NSMF13B1	NASA1324 Sections 1, 2, & 3	MAP	970
NSMF13B2	NASA1324 Sections 4 & 5	MAP	970
NSMF13B3	NASA1324 Section 9	MAP	970
NSMF13B4	NASA1324 Section 10	MAP	970
NSMH13B1	Asset 1324 Balance	MAP	970
NSMH13B2	NASA1324 Date Selection Help	MAP	970
NSMP13B1	Asset 1324 Balance	MAP	970
NSMP13B2	NASA1324 Date Selection Map	MAP	970
NSMP13B3	NASA1324 Date Confirmation	MAP	970
NSMPINAS	System Initialization	MAP	970
NSMPINAT	System Initialization	MAP	970
NSPR13B2	NASA1324	PGM	970
NSPT13B2	NASA1324	PGM	970
NSSF13B1	Asset 1324 Balance	PGM	970
NSSF13B2	NASA1324	PGM	970
NSSR13B2	NASA1324	SUB	970
NSSR13B4	NASA1324 Section 1	SUB	970
NSSR13B5	NASA1324 Section 9 & 10	SUB	970
NSSR13B6	NASA1324	SUB	970
NSMS970	Adhoc – by SSC	PGM	970
NSMS970A	Adhoc for validation	PGM	970
NSMS970B	Adhoc – Update PO Number	PGM	970
NSMS97L2	Adhoc – Line 2	PGM	970
NSMS97L3	Adhoc – Line 3	PGM	970
NSMS97L9	Adhoc – Line 9	PGM	970
NSMPSCMP	Gov't. Warning	MAP	995

Changed Modules

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
NSDL132D	Asset 1324 Balance	LDA	970

NSDLACD1	Add, Change or Delete Asset	LDA	970
NSDLDDAS	Delete Discontinued Assets	LDA	970
NSDLINIT	System Initialization	LDA	970
NSMPINIT	System Initialization	MAP	970
NSDLTPRM	Site Parameter Table	LDA	970
NSDLVACD	Display Deleted Assets	LDA	970
NSMPAACD	Add, Change or Delete Asset	MAP	970
NSMPTPRM	Site Parameter Table	MAP	970
NSMPVACD	Display Deleted Assets	MAP	970
NSPTAACD	Add, Change or Delete Asset	PGM	970
NSPTINIT	System Initialization	PGM	970
NSPTVACD	Display Deleted Assets	PGM	970
NSPU132B	Asset 1324 Balance	PGM	970
NSPUDDAS	Delete Discontinued Assets	PGM	970
NSPTTPRM	Site Parameter Table	PGM	970
NSSRACD1	Add, Change or Delete Asset	SUB	970
NSSRACD6	Add, Change or Delete Asset	SUB	970
NSMFFTER	Standard of Execution Errors	MAP	970
NSMFRPTT	Standard Report Terminator	MAP	970
NSPTINIT	System Initialization	PGM	995

Deleted Modules

There are no modules to be deleted in this release.

3.0 Pre-Predict Data Conversion

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

4.0 Install Predict

4.1 Data Dictionary Changes

This release will include the new enhancements for version 6.6.2. 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-6.6.2.

Use SYSDICBE to load the PREDICT modifications from the dataset xxMOV.NSMS.PROD.R662.R0301.PRD.

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

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	-	31

4.1.2 Storage Considerations

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

4.1.3 Physical File Changes

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

Add the following field:

```

NS-TABLES-FILE                               File # 181
Ty L Field ID                                F Length  Occ  D U DB S
*- - -----*-----*-----*-----* * * -- *
**      +++ NEW SITE PARAMETERS FIELD
      1 TBL-SITE-PRMTR-1324-END-DATE          N      8.0                GE N

```

Using the following commands:

```

ADADBS NEWFIELD FILE=181
ADADBS FNDEF='01,GE,8,U,NU'

```

Add the following field:

```

NS-TRANSACTION-FILE                           File # 182
Ty L Field ID                                F Length  Occ  D U DB S
*- - -----*-----*-----*-----* * * -- *
      1 ASSET-SUPPLY-TYPE-CODE                A      1.0                EH N

```

Using the following commands:

```
ADADBS NEWFIELD FILE=182  
ADADBS FNDEF='01,EH,1,A,NU'
```

5.0 Catalog Source Code

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

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

6.0 Post-Predict Data Conversion

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

7.0 Load Natural Error Messages

From the xxMOV.NSMS.PROD.R662.R0301.ERR dataset, load the Natural error messages to the NSMS library using the ERRLODUS utility in the SYSERR library.

Total Error Messages - 305

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
- 7.0 Load Natural Error Messages