

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

Release 6.1.0

PrISMS Contract

July 1998



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 6.1.0**

Approved by

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

July 1998

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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 6.1.0.

The release has an effective date of July 30, 1998 and is scheduled for implementation by August 30, 1998. Support of the previous release expires on the implementation date of release 6.1.0.

1.2 Purpose of the Release

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

1.3 Scope of the Release

This release provides the functional and technical user of NSMS with changes to the contents and status of the application NSMS, Version 6.1.0, 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, as well as the installation of this release, should be directed to:

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

Steve Rowell at telephone number (205)544-1452 or
by e-mail Steve.Rowell@msfc.nasa.gov

Mark Stevens at telephone number (205)544-1458 or
by e-mail Mark.Stevens@msfc.nasa.gov

The fax number is (205)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) 927.

This release includes the necessary modules to incorporate RC 33, 695, 865, 866, 924 and 928 approved by the CCB.

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

1. ENHANCEMENT - (Build Lot Batch Program Error Listing) 1620# - 33

When running the build lot batch program, when no asset records are found to fulfill the selection criteria, no messages are issued to state this fact, so the user does not know whether or not the job ran.

ACTION - Change the build lot batch process to notify the user when no asset records are found which fulfill the selection criteria.

2. ENHANCEMENT - (Inventory Counts) 1620 - #695

When doing inventory on a large number of records and some records are balanced. Upon aborting the inventory you must reply to each of the records that were balanced. One reply per record, if inventory is large - then a number of replies expected.

ACTION - Modify the process to allow a global response that applies to all records.

3. ENHANCEMENT - (Delinquent Delivery Report) 1620 - #865

The Delinquent Delivery Report only displays one line of stored comments against a delinquent due-in document number.

ACTION - Change the Delinquent Delivery Report to display all stored comments against a delinquent due-in.

4. ENHANCEMENT - (Display Asset Bin-ID's to Complete Excess Report and Partial Excess Report) 1620# - 866

The Complete Excess Report and Partial Excess Report need to reflect all bin-ids.

ACTION - Print all asset bin-ids for an asset on the reports.

5. 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.

6. PROBLEM - (Semi-Annual 1619 Report) 1620# - 927

A Natural error (1301) occurs at line 2700 of the Semi-Annual 1619 report. This occurs when the inventory type is not equal to RFG and when it is trying to add one to the error number counter.

ACTION - Correct the process to allow for the addition of the error number count when the inventory type is not equal to RFG.

7. ENHANCEMENT - (Inventory Counts) 1620# - 928

Provide a capability of ignoring two matched counts, allowing the user to continue to the next count.

ACTION - Add a new option to the control record of the Inventory Counts process to allow for ignoring matched counts.

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 February 1998.

2.5 APPLICATION SYSTEM ADMINISTRATION

Enhancement 33:

1. Using the Batch Task (BATHTSK) process, change the Build Lot Program (NSPUICBL) to include the report produced.

```
ACTION (A,C,D): C
TASK ID: NSPUICBL          TASK NAME: BUILD INVENTORY LOT_____

PARAMETER INPUT MODULE: NSSFICBH
NUMBER OF WORK FILES: 1_
REPORTS INFO:
      ID                NAME                FILE-NO
NSRBICBL  BUILD INVENTORY LOT REPORT_____  1_
```

2. Using the Batch Job (BATCHJOB) process, add the appropriate printer for the report.

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

There are data dictionary changes for 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 6.1.0 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

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

4. KNOWN AND OPEN PROBLEMS

There are no 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
EOQ	Economic Order Quantity
FFG	Federal Supply Group
FSG	Federal Supply Group
IFMP	Integrated Financial Management Program
JCL	Job Control Language
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NASA	National Aeronautics and Space Administration
NSMS	NASA Supply Management System
NSN	National Stock Number
OCA	Organization Cost Account
PCA	Program Cost Account
PF	Program Function
RC	Requirements Change
RFG	Random Federal Supply Group
SOQ	Stock Objective Quantity
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 - (Build Lot Batch) 1620# - 33

When running the build lot batch program, when no asset records are found to fulfill the selection criteria, no messages are issued to state this fact, so the user does not know whether or not the job ran.

ACTION - Change the build lot batch process to notify the user when no asset records are found which fulfill the selection criteria.

VALIDATION

- Using Process Inventory Counts (INVCTSMM), select Build Inventory Control Record (option one—(1)) and enter a unique Run-ID, and an inventory-type of 'FSA' (For Single Asset (NSN)). Enter a non-existent NSN.
- Using Process Inventory Counts (INVCTSMM) again, select Build Inventory Lot (option three—(3)). Enter the Run-ID established in the previous step; submit batch job. A report should be generated reflecting "NO ASSETS WERE SELECTED FOR THE INVENTORY".
- Using Process Inventory Counts (INVCTSMM), select Build Inventory Control Record (option one—(1)) and enter a unique Run-ID, and an inventory-type of 'FFG' (Full count by Federal Supply Group). Enter a non-existent Federal Supply Group (FSG).
- Using Process Inventory Counts (INVCTSMM) again, select Build Inventory Lot (option three (3)). Enter the Run-ID established in the previous step; submit batch job. A report should be generated reflecting "NO ASSETS WERE SELECTED FOR THE INVENTORY".

2. ENHANCEMENT - (Inventory Counts) 1620 - #695

When doing inventory on a large number of records and some records are balanced. Upon aborting the inventory you must reply to each of the records that were balanced. One reply per record, if inventory is large - then a number of replies expected.

ACTION - Modify the process to allow a global response that applies to all records.

SPECIAL NOTES:

The Site Parameter (SITEPARM) process may be used to change the Update Bin Indicator to 'N' for centers not updating at the bin level. Centers updating at the bin level may use the SITEPARM process to set the Update Bin Indicator to 'Y'.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a catalog record.
- Using the Add, Change, or Delete Asset (ADCHGAST) process, add several assets for the above catalog record.
- Using the Inventory Adjustment (INVADJST) process, increase the quantities for the 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 assets.
- 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 balance some of the assets and leave some unbalanced. Process to completion.
- Using the Process Inventory Counts (INVCTSMM) process, execute the Abort This Inventory (option 10). Enter the Run-Id to confirm the abort. In response to the window that says 'THIS INVENTORY CONTAINS BALANCED ASSETS', enter 'C' to cancel the abort.
- Using the Process Inventory Counts (INVCTSMM) process, execute the Process Warehouse Counts (option 5) for the above Run Id. Verify that the inventory has not been aborted.
- Using the Process Inventory Counts (INVCTSMM) process, execute the Abort This Inventory (option 10). Enter the Run-Id to confirm the abort. In response to the window that says 'THIS INVENTORY CONTAINS BALANCED ASSETS', enter 'P' to process the abort.
- Using the Process Inventory Counts (INVCTSMM) process, execute the Process Warehouse Counts (option 5) for the above Run Id. Verify that the inventory has been aborted.

3. ENHANCEMENT - (Delinquent Delivery Report) 1620 - #865

The Delinquent Delivery Report only displays one line of stored comments against a delinquent due-in document number.

ACTION - Change the Delinquent Delivery Report to display all stored comments against a delinquent due-in.

VALIDATION

- Using the Order Priority Table Maintenance (PRIORTBL) process, add a new record and enter a one in the DELIVERY DAYS field and leave the FEDMIL PRIORITY field blank.
- Using the Add Change Delete Catalog Detail (CATADCHG) process, add four catalog records. Make note of the catalog records.
- Using the Add Change or Delete Asset (ADCHGAST) process, add an asset for the catalog records added in the previous step. Make a note of the assets. These assets will be referred to as Asset 1, Asset 2, Asset 3 and Asset 4.
- Using the Inventory Adjustment (INVADJST) process, add some quantity to Asset1, Asset2, Asset3 and Asset4.
- Using the Manual Commercial Due-Ins (MANCOMDI) process, create due-ins for Asset1, Asset2, Asset3 and Asset4. Enter more than one line of comments for each asset. Note the document numbers of the due-ins.
- **Wait two days before continuing this test case. After two days than proceed with the next step.**
- Using the Receipt Due-In Not Due-In (DINOTDI) process, create a suspended receipt due-in for Asset 2.
- Using the Delinquent Delivery Report (DLNQUANT) process, enter a 'Y' IN THE RUN THIS REPORT FOR NASA DOMAIN. Submit the report. Verify the due-in documents appear on the report.
- Using the Monitor Transaction(MONTRANS) process, enter the due-in document number and verify all the lines of comments on the report against the due-in are being displayed.

4. ENHANCEMENT - (Display Asset Bin-ID's to Complete Excess Report and Partial Excess Report) 1620# - 866

The Complete Excess Report and Partial Excess Report need to reflect all bin-ids.

ACTION - Print all asset bin-ids for an asset on the reports.

VALIDATION

- Using the Complete Excess Report (EXCESS) process, execute the batch job. Select an asset(s) from the report to modify.
- Using the Add/Change Asset (ADCHGAST) process, add some bins to the asset. Note: If the Update Bin Quantity Indicator is set to 'Y', an indefinite number of bins can be added to an asset by using the Bin Transfer (BINTRNSF) process.
- Using the Complete Excess Report (EXCESS) process, execute the batch job. Verify that all bin-ids for the asset changed above are reflected on the report.
- Using the Scan Asset (SCANASET) process, search for an active, store-stock asset.
- Using the Stock Inquiry (STOCKINQ) process, enter the stock number of the asset selected. Compare the on-hand quantity to the Stock Objective Quantity (SOQ). For the asset to appear on the Partial Excess Report, the on-hand quantity must be greater than the SOQ. Note the economic order quantity (EOQ) months.
- 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.
- Using the Inventory Adjust (INVADJST) process, increase the asset's on-hand quantity to be greater than the SOQ.
- Using the Add/Change Asset (ADCHGAST) process, add some bins to the asset. Note: If the Update Bin Quantity Indicator is set to 'Y', an indefinite number of bins can be added to an asset by using the Bin Transfer (BINTRNSF) process.
- Using the Partial Excess Report (PRTEXCES) process, execute the batch job. Verify all bin-ids for the asset changed above are reflected on the report.

5. ENHANCEMENT - (IFMP) 1620 - 924

Change NSMS to contain OCA/PCA which is needed by IFMP.

ACTION - IFMP requires OCA/PCA which NSMS does not carry. Change NSMS to carry OCA/PCA.

VALIDATION - There is no validation at this time.

6. PROBLEM - (Semi-Annual 1619 Report) 1620# - 927

A Natural error (1301) occurs at line 2700 of the Semi-Annual 1619 report. This occurs when the inventory type is not equal to RFG and when there is more than 999 items in error.

ACTION - Correct the process to allow for an error count more than 999.

VALIDATION

- Using the Process Inventory Counts (INVCTSMM) process, build an inventory control record (option 1). Enter an inventory type other than RFG that will select at least 1,000 records for the inventory.
- Using the Process Inventory Counts (INVCTSMM), build the inventory lot (option 3). Process to completion.
- Using the Process Inventory Counts (INVCTSMM), execute the Warehouse Data Collection Report (option 4).
- Using the Process Inventory Counts (INVCTSMM), process the warehouse counts (option 5), entering zero for count one. Process to completion.
- Using the Process Inventory Counts (INVCTSMM), submit the final adjustment (option 7). Process to completion.
- Using the Semi-annual 1619 Report (HQAN1619) process, execute the batch job. Enter the run-id from the inventory just completed. The report should allow for more than 999 errors to occur in complete inventory data.

7. ENHANCEMENT - (Inventory Counts) 1620# - 928

Provide a capability of ignoring two matched counts, allowing the user to continue to the next count.

ACTION - Add a new option to the control record of the Inventory Counts process to allow for ignoring matched counts.

SPECIAL NOTES:

The Site Parameter (SITEPARM) process may be used to change the Update Bin Indicator to 'N' for centers not updating at the bin level. Centers updating at the bin level may use the SITEPARM process to set the Update Bin Indicator to 'Y'.

VALIDATION

- Using the Add Change or Delete Catalog Detail (CATADCHG) process, add a traceable and non-traceable catalog 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 assets added in the previous step.
- 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 assets. Notice the new field 'IGNORE MATCHING COUNTS'. Leave the field 'IGNORE MATCHING COUNTS' blank and press <ENTER>. An error message will display. 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 count 1. 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 Monitor Transaction (MONTRANS) process, 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.

APPENDIX D

INSTALLATION INSTRUCTIONS AND CHECKLIST

Introduction

Release information:

System Name: NSMS
Release Number: 6.1.0
Release Date: July 1998
Effective Date: Immediately

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

Telephone: (205) 544-6673
Email: pam.leak@msfc.nasa.gov
FAX: (205) 544-1836

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

- **AIMS.NSMS.PROD.REL610.REL0798.DOC**
 - VOLUME = site determined
 - ORG = PO
 - RECFM = FB
 - LRECL = 80
 - BLKSIZE = 4000
 - TRKS = 4

- **AIMS.NSMS.PROD.REL610.REL0798.PRD323**
 - VOLUME = site determined
 - ORG = PS
 - RECFM = VB
 - LRECL = 4624
 - BLKSIZE = 4628
 - TRKS = 153

- **AIMS.NSMS.PROD.REL610.REL0798.PRD341**

VOLUME	=	site determined
ORG	=	PS
RECFM	=	VB
LRECL	=	4624
BLKSIZE	=	4628
TRKS	=	360

- **AIMS.NSMS.PROD.REL610.REL0798.SRC**

VOLUME	=	site determined
ORG	=	PS
RECFM	=	VB
LRECL	=	4624
BLKSIZE	=	4628
TRKS	=	20

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

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. A checklist is provided in Section 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 AIMS.NSMS.PROD.REL610.REL0798.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	10
MAPS	10
HELP ROUTINES	0
SUBROUTINES	2
SUBPROGRAMS	0
PROGRAMS	9
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	31

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>
NSMFICB1	Build Inventory Lot	MAP	033

Changed Modules

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
NSMPINIT	NSMS Initial Map	MAP	
NSPUICBL	Build Inventory Lot	PGM	033
NSDLICBL	Build Inventory Lot	LDA	033
NSSRICAD	Abort Or Delete Inventory	SUB	695
NSDLICAD	Abort Or Delete Inventory	LDA	695
NSPRDELQ	Delinquent Delivery Report	PGM	865
NSDLDELQ	Delinquent Delivery Report	LDA	865
NSPRCOEX	Complete Excess Report	PGM	866
NSDLCOEX	Complete Excess Report	LDA	866
NSPRPAEX	Partial Excess Report	PGM	866
NSDLPAEX	Partial Excess Report	LDA	866
NSPRB619	Semi-Annual 1619 Report	PGM	927
NSDLB619	Semi-Annual 1619 Report	LDA	927
NSMFB601	Semi-Annual 1619 Report	MAP	927
NSPTICMM	Inventory Counts Main Menu	PGM	928
NSDLICMM	Inventory Counts Main Menu	LDA	928
NSMPICMI	Inventory By Federal Supply Group	MAP	928
NSPRICPC	Inventory Control Report	PGM	928
NSDLICPC	Inventory Control Report	LDA	928
NSSRICBC	Build Inventory Control Record	SUB	928
NSDLICBC	Build Inventory Control Record	LDA	928
NSPRICWR	Warehouse Data Collection Report	PGM	928
NSDLICWR	Warehouse Data Collection Report	LDA	928
NSMPICBR	Inventory By Bin Range	MAP	928
NSMPICLC	Inventory By Random Lot	MAP	928
NSMPICPW	Inventory By Primary Warehouse	MAP	928
NSMPICSA	Inventory By Single Asset	MAP	928
NSMPICTA	Inventory By Object Class/TypeAcct	MAP	928
NSSRICAD	Abort Or Delete Inventory	SUB	928
NSDLICAD	Abort Or Delete Inventory	LDA	928
NSPUICAJ	Inventory Counts Asset Adjustment	PGM	928
NSMPICFG	Inventory By Federal Supply Group	MAP	928

Deleted Modules

No modules were deleted within 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 6.1.0. Details for changes in this release can be found under paragraph 4.1.3 Physical File Changes or by performing PREDICT reporting on the keyword NSMS-6.1.0.

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

NS-INVENTORY-CONTROL
NS-TRANSACTION

PREDICT Version 3.2.3 Load

Use SYSDICBE to load the PREDICT modifications from the dataset AIMS.NSMS.PROD.REL610.REL0798.PRD323.

PREDICT Version 3.4.1 Load

Use SYSDICBE to load the PREDICT modifications from the dataset AIMS.NSMS.PROD.REL610.REL0798.PRD341.

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
ADABAS Files and Views	-	33
Data Elements	-	2396
Total Object Count	-	2430

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 from the VDD and pasted into the TSO ISPF editor. Include the six (6) spaces before the command in the "CUT" and position the cursor in the first position of the ISPF sequence numbers, for the "PASTE". Call RICK BISHOP (256)544-5352 with any questions or problems.

Add the following fields:

NS-TRANSACTION -FILE		File # 182							
Ty	L	Field name	F	Length	Occ	D	U	DB	S
*-	-	-----	*	-----	-----	*	*	--	*
1		ORG-COST-ACCT-CODE	A	6.0				GT	N
1		PROG-COST-ACCT-CODE	A	5.0				GU	N

Using the following command to change the field length:

```
ADADBS NEWFIELD FILE=182
ADADBS FNDEF='01,GT,6,A,NU'
ADADBS FNDEF='01,GU,5,A,NU'
```

NS-INVENTORY-CONTROL -FILE		File # 178							
Ty	L	Field name	F	Length	Occ	D	U	DB	S

```
*- - - - - *- - - - - * * - - *  
1 INV-CNTRL-MNDTRY-CNT-IND      A      1.0      AP N
```

Using the following command to change the field length:

```
ADADBS NEWFIELD FILE=178  
ADADBS FNDEF='01,AP,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

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