

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

Release 6.7.1

PrISMS Contract

May 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
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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 6.7.1.

The release has an effective date of May 15, 2001 and is scheduled for implementation by June 15, 2001. Support of the previous release expires on the implementation date of release 6.7.1.

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 6.7.1, 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 993 approved by the CCB. RC 993 is the Software AG product suite upgrade.

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

1. Enhancement - (Software AG Upgrade) 1620# - 993

Change NSMS code to comply with Natural 3.3.1.

ACTION - Make necessary changes for 3.1.3. Test NSMS for consistency between Natural 2.2.8 and 3.1.3.

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

There is no document affected by this release.

2.5 APPLICATION SYSTEM ADMINISTRATION

There are no Application System Administration changes to be made with this release.

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 - (Software AG Upgrade) 1620# - 993

Change NSMS code to comply with Natural 3.1.3.

ACTION - Make necessary changes for 3.1.3. Test NSMS for consistency between Natural 2.2.8 and 3.1.3.

VALIDATION - There is no specific test included for Software Upgrade.

APPENDIX D

INSTALLATION INSTRUCTIONS AND CHECKLIST

Introduction

Release information:

System Name: NSMS
Release Number: 6.7.1
Release Date: May 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.R671.R0501.DOC
- xxMOV.NSMS.PROD.R671.R0501.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. Back Up Existing Data

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

2. Copy Source Code

2.1 Load Source Code

Load the NSMS source modifications from the dataset xxMOV.NSMS.PROD.R671.R0501.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	1
MAPS	1
HELP ROUTINES	0
SUBROUTINES	2
SUBPROGRAMS	0
PROGRAMS	3
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	7

2.2 List of Source Code Modifications

The following are the modules added, modified and deleted.

Added Modules

There are no modules to be added in this release.

Changed Modules

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
NSDLICWC	Inventory Counts	LDA	993
NSPRICWR	Inventory Counts	PGM	993
NSPTDIWP	Display Wash Post	PGM	993
NSSRICWC	Inventory Counts	SUB	993
NSSRABIN	Inventory Counts	SUB	993
NSMPINIT	Initialization	MAP	993
EDPUJTDO	EDI 850 Transactions	PGM	993

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

There is no Predict to install for this release.

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 to be added 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
- 2.0 Copy Source Code
- 5.0 Catalog Source Code