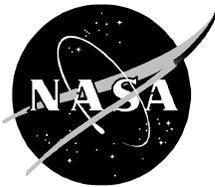


VERSION DESCRIPTION DOCUMENT FOR THE NASA ONLINE SUPPLY CATALOG (NOSC)

Release 3.5

PrISMS Contract

July 2002



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT
FOR THE
NASA ONLINE SUPPLY CATALOG (NOSC)
RELEASE 3.5**

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Approved by

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1.0 INTRODUCTION

This Version Description Document (VDD) describes the changes and installation procedures for Release 3.5 of the NASA Online Supply Catalog (NOSC). This section identifies the release, describes its purpose, defines its scope, and identifies its contact points.

1.1 IDENTIFICATION OF THE RELEASE

This software release is identified as NOSC, Release 3.5 and has an effective release date of July 19, 2002.

1.2 PURPOSE OF THE RELEASE

This release implements modifications necessitated by the following Change Control Requests (CCR):

CCR 988 – Detail Design, Code, Unit and System Test of the interface with IFM

1.3 SCOPE

This VDD provides the functional and technical user of NOSC with information regarding the contents, status, and structure of Release 3.5, including the following:

- Changes implemented since Release 3.3.
- References to other documentation affected by this release.
- Detailed software installation instructions.

No waivers are associated with this release.

1.4 CONTACT POINTS

Sustaining Engineering for NOSC is provided through the Consolidation Center (CC) located at Marshall Space Flight Center (MSFC). Questions regarding the functional and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (Identify yourself as SESAAS & NOSC.)

Telephone: (256) 544-6673

Email: charmaine.styles-oscarson@msfc.nasa.gov

FAX: (256) 544-1836

2.0 FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1 FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, ADABAS/NATURAL Installation Instructions, describes the ADABAS/NATURAL software changes related to this release.

2.2 FUNCTIONAL INTERFACES

This release has a functional impact on the interface with the NASA Supply Management System (NSMS.)

2.3 CRITICAL ISSUES

The batch job used to register your Entire X Broker node and start the listener must have access to CICS. (Refer to the NOSC 3.0 VDD for information about this job.)

2.4 AFFECTED DOCUMENTS

The following document is affected by this release:

NOSC User and Operations Guide (UOG)

2.5 APPLICATION SYSTEM ADMINISTRATION

There are no application system administration changes associated with this release.

3.0 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 release has an impact on the interface with the NASA Supply Management System (NSMS). This release implements an interface with the Integrated Financial Management (IFM) application and should be installed after NSMS 7.0.1 is in place.

3.2 DATA DICTIONARY CHANGES

There are no data dictionary changes in this release.

3.3 SOFTWARE OBJECT CHANGES

ADABAS/NATURAL 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 the ADABAS/NATURAL 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 ADABAS/NATURAL software modules impacted by this release.

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, ADABAS/NATURAL Installation Instructions for NOSC Software Release 3.5 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

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

4.0 KNOWN AND OPEN PROBLEMS

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

APPENDIX A
ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

NOSC	NASA Online Supply Catalog
CC	Consolidation Center
CCR	Change Control Request
DR	Discrepancy Report
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NASA	National Aeronautics and Space Administration
RC	Requirements Change
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
VDD	Version Description Document
SSC	Stock Status Code
JIT	Just-In-Time (Electronic Commerce - EC)
ISPR	Issue Stock Transaction
DOST	Due Out Stock Transaction (Backorder)
DIED	Due In Electronic Direct Buy Transaction
DIEC	Due In Electronic Commerce Transaction (JIT Transaction)

APPENDIX B
GLOSSARY

GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of a release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

APPENDIX C
FUNCTIONAL CHANGE VALIDATION
PROCEDURES

FUNCTIONAL CHANGE VALIDATION PROCEDURES

Index of changes in this release.

Section	CCR	Title
1.0	988	Detail Design, Code, Unit and System Test of the interface with IFM.

1.0 CCR Number 988

Functional Impact

This version of NOSC will now interface with the IFM application. Users placing stock withdrawal requests will be required to enter IFM accounting data consisting of the following fields:

- Cost Center (Required)
- Fund Code (Required)
- Internal Order (Required)
- Project WBS (Optional. Can not be used with Network and Activity)
- Network (Optional. Can not be used with Project WBS. Must be used with Activity)
- Activity (Optional. Can not be used with Project WBS. Must be used with Network)

Site unique accounting data fields may also be required for some centers. These data fields will be displayed and entered after the IFM accounting data fields have been entered.

Validation Procedures

There are no specific validation procedures required for this release.

**APPENDIX D
ADABAS/NATURAL
INSTALLATION INSTRUCTIONS
FOR NOSC SOFTWARE RELEASE 3.5**

INSTALLATION INSTRUCTIONS AND CHECKLIST FOR NOSC SOFTWARE RELEASE 3.5

Introduction

Release information:

System Name: NOSC
Release Number: 3.5
Release Date: July 19, 2002
Effective Date: July 19, 2002

*** IMPORTANT NOTE ***

This release has an impact on the interface with the NASA Supply Management System (NSMS). This release implements an interface with the Integrated Financial Management (IFM) application and should be installed after NSMS 7.0.1 is in place.

The following dataset is located on the Central Distribution Facility.

- xxMOV.NOSC.PROD.R350.R0702.SRC

In case of installation problems, contact the NACC Technical Services Center (Identify yourself as SESAAS & NOSC.)

Telephone: (256) 544-6673
Email: charmaine.styles-oscarson@msfc.nasa.gov
FAX: (256) 544-1836

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 6.0 to assist in tracking the installation of this release.

- 1.0 Back Up Existing Data
- 2.0 Copy Source/Object Code
- 3.0 Catalog Source Code
- 4.0 Perform Release-Specific Procedures
- 5.0 Local JCL Mods
- 6.0 Installation Checklist

1.0 Back Up Existing Data

It is advisable to back up the NSMS library as a precautionary measure prior to installation.

2.0 Copy Source/Object Code

2.1 Copy Source Code

Load the NOSC source library from dataset xxMOV.NOSC.PROD.R350.R0702.SRC. The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library 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	7
MAPS	0
HELP ROUTINES	0
SUBROUTINES	9
SUBPROGRAMS	2
PROGRAMS	1
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	19

2.2 List of Source Code Modifications

The following are the modules added, modified and deleted.

Added Modules:

<u>MODULE ID</u>	<u>MODULE DESCRIPTION</u>	<u>TYPE</u>
1. EDSRIFMX	User exit for IFM	SUBROUTINE
2. EFSRPRET	User exit to IFM funds check routines	SUBROUTINE

Changed Modules:

<u>MODULE ID</u>	<u>MODULE DESCRIPTION</u>	<u>TYPE</u>
1. EDDLEXIT	Local Data Area for EDSRPRET	LDA
2. EDDLTRIS	Local Data Area for EDSRTRIS	LDA
3. EDDLVCDB	Local Data Area for EDSRVCDB	LDA
4. EDDLVCIP	Local Data Area for EDSRVCIP	LDA
5. EDDLVCIS	Local Data Area for EDSRVCIS	LDA
6. EDDLVCJT	Local Data Area for EDSRVCJT	LDA
7. EDDLVCOR	Local Data Area for EDSPVCOR	LDA
8. EDSPVCOL	Module that determines if user is processing an order request or program stock quantity request	SUBPROGRAM
9. EDSPVCOR	Module that determines the type of order request to process	SUBPROGRAM
10. EDSRPRET	NOSC core user exit template to be used for center unique processing.	SUBROUTINE
11. EDSRTRIS	Processes traceable asset order requests – ISPR transactions	SUBROUTINE
12. EDSRUEX1	NOSC User Exit 1	SUBROUTINE

<u>MODULE ID</u>	<u>MODULE DESCRIPTION</u>	<u>TYPE</u>
13. EDSRVCDB	Processes JIT direct buys - DIED transactions	SUBROUTINE
14. EDSRVCIP	Processes program stock order requests – ISPR transactions	SUBROUTINE
15. EDSRVCIS	Processes stock order requests - ISPR transactions	SUBROUTINE
16. EDSRVCJT	Processes JIT orders from outside Vendors – DIEC transactions	SUBROUTINE
17. EDETBSRV	Registers the Broker ID and starts the listener.	PROGRAM

Deleted Modules:

There are no modules deleted in this release.

3.0 Catalog Source Code

Run a batch job to catalog (CATALL) all modules in the NSMS library or other named library. The SESAAS Batch standard parameters should be used for the compile.

After all objects are compiled, the NOSC application will run under the SESAAS batch standard parameters.

4.0 Perform Release-Specific Procedures

There are no Release-Specific Procedures with this release.

5.0 Local JCL Mods

There are no local JCL mods associated with this release.

6.0 Installation Checklist

- 1.0 Back Up Existing Data
- 2.1 Copy Source Code
- 3.0 Catalog Source Code

**APPENDIX E
ADABAS/NATURAL
SAMPLE JOB CONTROL LANGUAGE FOR
RELEASE 3.5**

**SAMPLE JOB CONTROL LANGUAGE
FOR RELEASE 3.5**

There are no JCL changes associated with this release.