

VERSION DESCRIPTION DOCUMENT FOR THE NASA PROPERTY DISPOSAL MANAGEMENT SYSTEM (NPDMS)

Release 2.7

NASA-NPDMS-VDD-13

PrISMS Contract

August 31, 2000



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT FOR THE
NASA PROPERTY DISPOSAL MANAGEMENT SYSTEM (NPDMS)
RELEASE 2.7**

Submitted by

Neal Cantrell Functional Area Lead	Date
---------------------------------------	------

Reviewed by
CSC

Steve Rowell Agencywide IRM, Property and System's Procurement	Date
--	------

Richard Bishop DBA	Date
-----------------------	------

Hector Garcia Agencywide IRM	Date
---------------------------------	------

Jim Cofer Configuration Management	Date
---------------------------------------	------

Prepared by

Computer Sciences Corporation, Contract NAS8-60000

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

August 31, 2000

TABLE OF CONTENTS

Section	Page
1. INTRODUCTION.....	1 - 1
1.1 IDENTIFICATION OF THE RELEASE.....	1 - 1
1.2 PURPOSE OF THE RELEASE.....	1 - 1
1.3 SCOPE	1 - 2
1.4 CONTACT POINTS.....	1 - 2
2. FUNCTIONAL INFORMATION	2 - 1
2.1 FUNCTIONAL CHANGES.....	2 - 1
2.2 FUNCTIONAL INTERFACES.....	2 - 1
2.3 CRITICAL ISSUES	2 - 1
2.4 AFFECTED DOCUMENTS.....	2 - 1
2.5 APPLICATION SYSTEM ADMINISTRATION.....	2 - 1
3. TECHNICAL INFORMATION.....	3 - 1
3.1 TECHNICAL SYSTEM INTERFACES.....	3 - 1
3.2 DATA DICTIONARY CHANGES	3 - 1
3.3 SOFTWARE OBJECT CHANGES	3 - 1
3.4 DATABASE ADMINISTRATION.....	3 - 1
3.4.1 RELEASE DATASET NAMES.....	3 - 1
3.4.2 INVENTORY OF OBJECTS	3 - 1
3.4.3 STORAGE CONSIDERATIONS	3 - 1
3.4.4 INSTALLATION PROCEDURES.....	3 - 1
3.5 OPERATIONAL PREPARATION.....	3 - 1
4. KNOWN AND OPEN PROBLEMS.....	4 - 1
A ABBREVIATIONS AND ACRONYMS.....	A - 1

TABLE OF CONTENTS

Section	Page
B GLOSSARY	B - 1
C FUNCTIONAL CHANGE VALIDATION PROCEDURES	C - 1
D INSTALLATION INSTRUCTIONS AND CHECKLIST FOR NPDMS SOFTWARE RELEASE 2.7	D - 1
E SAMPLE JCL FOR UNLOADING AND LOADING ND-TABLE	E - 1

1. INTRODUCTION

This Version Description Document (VDD) describes the changes and installation procedures for this release of the NASA Property Disposal Management System (NPDMS). 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 NPDMS, Release 2.7 and has an effective release date of August 31, 2000.

1.2 PURPOSE OF THE RELEASE

This release implements modifications for the following Change Control Requests (CCRs):

<u>CCR</u>	<u>Title</u>
122	Freeze status report--data missing
303	Serial number table reset processing
378	Check NEMS History on Controlled and Non-Controlled Adds
389	016 report not printing requestor agency name and address
390	Year Manufactured on GSA transmission – default MMDD
391	Include fields on the detail record for GSA
393	Delete (E03) records to GSA
394	Increase length on DAYS fields on 023 report
395	Change KSC AAC
397	Add province and country to table 170
398	Move 'C' to AVAIL-STATUS-CODE for an X90 or I90 transaction
399	ADPE Over \$1,000,000 to GSA
400	Discrepancy Flag in Inventory
402	160 report by installation/161 report by subinstallation
405	WSTF Agency Bureau Code/Agency Indicator
406	3 new FSC codes and 1 FSC group name change

This release implements modifications necessitated by the following Discrepancy Reports (DRs):

<u>CCR</u>	<u>Title</u>
None	None

1.3 SCOPE

This VDD provides the functional and technical user of NPDMS with information regarding the content, status, and structure of Release 2.7, including the following:

- Changes implemented since Release 2.5;
- Validation procedures to ensure the reliability of release changes;
- 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 NPDMS 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 (Use following Key Words: SESAAS & NPDMS)

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

2. 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, Installation Instructions, describes all Software PREDICT and SYSERR changes related to this release.

2.2 FUNCTIONAL INTERFACES

This section is not applicable for this release.

2.3 CRITICAL ISSUES

This section is not applicable for this release.

2.4 AFFECTED DOCUMENTS

The following documents are affected by this release:

NPDMS User and Operations Guide (UOG)

NPDMS Data Dictionary

2.5 APPLICATION SYSTEM ADMINISTRATION

There are no application system administration changes associated 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

There are no technical system interface issues with this release.

3.2 DATA DICTIONARY CHANGES

Refer to Appendix D, Section 4.1, 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, Section 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 NPDMS Software Release 2.7 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 this release.

4. **KNOWN AND OPEN PROBLEMS**

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

APPENDIX A - ABBREVIATIONS AND ACRONYMS

CC	Consolidation Center
CCR	Change Control Request
CSC	Computer Sciences Corporation
DBA	Database Administrator
DR	Discrepancy Report
FAX	Electronic Facsimile Transmission
IRM	Information Resources Management
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NASA	National Aeronautics and Space Administration
NEMS	NASA Equipment Management System
NPDMS	NASA Property Disposal Management System
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
VDD	Version Description Document

APPENDIX B - GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

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

Operational Preparation

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

System Administration

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

APPENDIX C - FUNCTIONAL CHANGE VALIDATION PROCEDURES

Index of validation procedures for changes in this release:

Section	CCR	Title
1.0	122	Freeze status report--data missing
2.0	303	Serial number table reset processing
3.0	378	Check NEMS History on Controlled and Non-Controlled Adds
4.0	389	016 report not printing requestor agency name and address
5.0	390	Year Manufactured on GSA transmission – default MMDD
6.0	391	Include fields on the detail record for GSA
7.0	393	Delete (E03) records to GSA
8.0	394	Increase length on DAYS fields on 023 report
9.0	395	Change KSC AAC
10.0	397	Add province and country to table 170
11.0	398	Move 'C' to AVAIL-STATUS-CODE for an X90 or I90 transaction
12.0	399	ADPE Over \$1,000,000 to GSA
13.0	400	Discrepancy Flag in Inventory
14.0	402	160 report by installation/161 report by subinstallation
15.0	405	WSTF Agency Bureau Code/Agency Indicator
16.0	406	3 new FSC codes and 1 FSC group name change

Details for the validation procedures follow:

1.0 CCR 122 - Freeze status report--data missing.

Freeze status report (NDR006PA) does not display the GSA region, DRMO DODAAC or the project report dates.

Description of Change

Code was changed to display the DRMO DODAAC and the DRMO transfer date. The GSA region and GSA report date were already being displayed.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Schedule the NDR110PA report to run 2 days from today's date.
- Create at least one DRMO case and schedule and run the NDR140PA (DD-1348-1A DRMO issue release/receipt document generation) report. Add a freeze with a freeze type of 'F'.
- Create at least one GSA case with the Other Federal Agency screening Begin Date 2 days prior to today's date. **Do not report to GSA yet.** Add a freeze with a freeze type of 'F'.
- Schedule and run the Freeze Status Report (NDR006PA).
Expected result: The 066 – Freeze Status Report will run successfully and will print the DRMO DODAAC code and report date for the DRMO case(s) and the GSA region and report date for the GSA case(s).

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR006MK		Map
NDR006PA	Freeze Status Report	Program

2.0 CCR 303 - Serial number table reset processing.

When NDM200PA runs, the serial number table gets reset to begin with 001. If there was a production problem the night before and the serial number is reset the next morning, then there is a possibility of duplicate numbers. This would happen if the users began work before NDM200PA is run.

Description of Change

Code was changed to reset the serial number tables (100, 110, 112, and 115) online when the NDM200PA job does not successfully complete.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Add several cases to NPDMS. Make sure the NDM200PA maintenance job is scheduled to run in the batch cycle. Make sure the NDM200PA job **does not** complete successfully (cancel the job).

Expected result: The next time a user logs into the NPDMS system a window will be displayed indicating that the Serial Number reset process did not complete successfully. It will also indicate that the serial numbers will be reset to 001. This window will be displayed twice. The first case added should have a serial number of 001.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDO000PB	NPDMS Global initialization program	Program
NDO000ME		Map

3.0 CCR 378 - Check NEMS History on Controlled and Non-Controlled Adds.

- 1) Currently for a Controlled add only the NEMS Equipment file is checked for an ECN.
- 2) Currently on a Non-Controlled add only the NEMS Equipment file is checked for a match on the MFG-SERIAL-NO and MFG-MODEL-NO.

Description of Change

Code was changed to check the history file for an ECN on a Controlled add if it was not found in the equipment file and check for a match on the MFG-SERIAL-NO and MFG-MODEL-NO in the history file if a match is not found in the equipment file. A window will be displayed allowing the user to convert the Non-Controlled add to a Controlled add if a match is found in the history file.

Functional Impact

There is no function impact as a result of this CCR.

Validation Procedures

- Perform an add on an ECN that is present in the NEMS Equipment file using the ECN number.
Expected results: A Controlled add is executed.
- Perform an add on an ECN that is present in the NEMS History file and has been deleted with transaction 71 (Survey (Missing Equipment)) using the ECN number.
Expected results: A Controlled add is executed.
- Perform an add on an ECN that is present in the NEMS History file and has already been added to the NPDMS Case file.
Expected results: An error message is received indicating that the ECN has been previously added to NPDMS.
- Perform an add on an ECN that is present in the NEMS Equipment file without using the ECN number
Expected results: A Non-Controlled add is executed.
 - Fill in fields on the Non-Controlled add screen using the model number and serial number for the ECN.
Expected results: A window is displayed indicating that a match for the model number and serial number was found in the NEMS Equipment file.
 - Enter 'Y' to convert the case to controlled.
Expected results: A Controlled Add is executed using the ECN from the Equipment file.
 - Enter 'N' to leave the case as non-controlled.
Expected results: A Non-Controlled Add is executed.
- Perform an add on an ECN that is present in the NEMS History file and has been deleted with transaction 71 (Survey (Missing Equipment)) without using the ECN number.
Expected results: A Non-Controlled add is executed.

- Fill in fields on the Non-Controlled add screen using the model number and serial number for the ECN in the NEMS History file.
Expected results: A window is displayed indicating that a match for the model number and serial number was found in the NEMS History file.
 - Enter 'Y' to convert the case to controlled.
Expected results: A Controlled Add is executed using the ECN from the History file.
 - Enter 'N' to leave the case as non-controlled.
Expected results: A Non-Controlled Add is executed.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
ND4110MJ		Map
ND4110PA	On-Line Add	Program
ND4110TB	On-Line Add Documentation	Text
ND4210PA	On-Line Change	Program
ND4210TB	On-Line Change Documentation	Text
NDX500NA	Format X19 and X90 NEMS transactions	Subpgm
NDX500PA	Performs edits for dispositions, freezes	Program
NDXNEMNB	Retrieve NEMS History Data	Subpgm
NDXNEMSA	Non-Controlled to Controlled	Subrtn

4.0 CCR 389 - 016 report not printing requestor agency name and address.

The 016 report is not printing the requestor agency name and address for T16 transactions.

Description of Change

Code was changed to print the requestor name and address on the 016 report (Daily Transaction Report) for T16 transactions.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Create at least one T16 transaction. Schedule and run the Daily Transaction Report.
Expected result: The 016 – Daily Transaction Report will run successfully and will print the requestor agency name and address for the T16 transactions.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR016PA	Daily Transaction Report	Program

5.0 CCR 390 - Year Manufactured on GSA transmission – default MMDD.

Currently NPDMS is not sending the Year Manufactured to GSA since they require an 8-digit date. NPDMS only has the YYYY to send to GSA.

Description of Change

Code was changed to default the MMDD to 0101 if the Year Manufactured field is populated.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

(Note: Test this CCR with CCR 391 and CCR 393)

Case 1 - Add a Non-Controlled case that contains a value in Year Manufactured. Case 2 - Add another Non-Controlled case that does not contain a value in Year Manufactured.

- Schedule and run the 110 (GSA transmission) report.
Expected result: The 110 report should run successfully. Case 1 should have the Year Manufactured field populated. Case 2 should not have the Year Manufactured field populated.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR110PA	GSA Dataset Generation	Program
ND4210ND	Change Process	Subpgm

6.0 CCR 391 - Include fields on the detail record for GSA.

Some NPDMS fields are not being transmitted to GSA that contain useful information.

Description of Change

Code was changed to include the Serial Number and Warehouse Location on the detail record for the GSA transmission.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

(Note: Test this CCR with CCR 390 and CCR 393)

Case 1 - Add a case that contains a value in the Serial Number and the Warehouse Location.

Case 2 - Add a case that does not contain a value in the Serial Number but does contain a value in the Warehouse Location.

Case 3 – Add a case that contains a value in the Serial Number but does not contain a value in the Warehouse Location.

Case 4 – Add a case that does not contain a value in the Serial Number or the Warehouse Location.

- Schedule and run the 110 (GSA transmission) report.
Expected result: The 110 report should run successfully. Case 1 should have the Serial Number and Warehouse Location fields populated. Case 2 should not have a value in the Serial Number field but should have a value for the Warehouse Location field. Case 3 should have a value in the Serial Number field but not in the Warehouse Location field. Case 4 should not have a value in the Serial Number or Warehouse Location fields.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR110PA	GSA Dataset Generation	Program
NDR110PB	GSA Dataset Generation	Program

7.0 CCR 393 - Delete (E03) records to GSA.

Currently an NPDMS delete (E03) transaction is being sent to GSA with the flags NNY (delete).

Description of Change

Code was changed to send a NPDMS delete to GSA as a change (NYN) with a quantity of 0.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

(Note: Test this CCR with CCR 390 and CCR 391)

Delete a case from NPDMS.

- Schedule and run the 110 (GSA transmission) report.
Expected result: The 110 report should run successfully. The case that was deleted will report to GSA as a change (NYN) with a quantity of 0.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR110NA	GSA Dataset Generation	Subpgm
NDR110PA	GSA Dataset Generation	Program

8.0 CCR 394 - Increase length on DAYS fields on 023 report.

Some centers may have data that cause the #C-TOTAL-LINE-99-DAYS (99 = 5 - 18) fields to be too small.

Description of Change

Code was changed to increase the length of the DAYS fields.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Schedule and run the 023 (Performance Measures report).
Expected Results: The 023 (Performance Measures report) should run successfully and print up to 9 digits for the DAYS fields in Section B.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR023MB		Map
ND2200MC		Map
NDR023PA	NPDMS Performance Measures Report	Program

9.0 CCR 395 – Change KSC AAC.

After today, May 10, the Activity Address Code for KSC is now 804200. If screening for KSC excess by AAC, this is the appropriate code to use; however, you may still need to use 804235 for a period of time until all property under 804235 is out of the system.

Description of Change

Code was changed to accept the KSC Activity Address Code of 804200.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- **KSC only.** On table 050, change the FEDSTRIP AAC for installation 1010 (and other KSC sub-installations) to 804200.
Expected Results: Record will be successfully changed.
- On table 105, change the FEDSTRIP AAC for installation 1010 (and other KSC sub-installations) to 804200.
Expected Results: Record will be successfully changed.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
ND3050MA		Map
ND3105MA		Map

10.0 CCR 397 – Add province and country to table 170

Currently the Province and Country fields are not part of table 170 (Recipient Name Table). Sometimes transfers are made outside of the U.S.

Description of Change

Code was changed to add the province and country fields to table 170 and all maps that use table 170. The T16 transaction will not pull the province and country fields from table 170. The 160 report and Headquarters extract file will also contain the province and country fields.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Add a record to table 170 (Recipient Name Table)
Expected Results: Required fields are: Recipient, Agency Name, Address (Line 1), City, State, Province, Country, Zip (1st 5), and Phone. Transfer Type and Transfer Subtype are also required. If the Transfer Type and Transfer Subtype are entered then a Browse screen will be displayed to select the Type or Subtype. (If nothing is entered then the Browse screen will start at the top of the list.) When these fields are entered the record will be added.
- Change an existing record on table 170.
Expected Results: The Recipient, Agency Name, Address (Line 1), Address (Line 2), City, State, Province, Country, Zip, Phone, Transfer Type, and Transfer Subtype are displayed. All fields except Recipient are available for modification.

(NOTE: Repeat the next steps several times using different information to create data for the 160 report to be run later.)

- Process a Transaction 16 (Transferred To Other Without Prior GSA Approval).
Expected Results: A pop-up window is displayed prompting the user to enter the Category (Required) and Recipient (Optional).
- In the pop-up window enter the Category. Press ENTER.
Expected Results: A browse screen is displayed listing the available recipients with 3 available options (Add, Display, and Select).
- On the browse screen display a recipient.
Expected Results: A window is displayed with the following fields: Recipient, Agency Name, Address, City, State, Zip, Province, Country, Phone, Transfer Type, and Transfer Subtype.
- On the browse screen add a recipient.
Expected Results: A window is displayed enter information for a new Recipient. Required fields are: Recipient, Agency Name, Address (Line 1), City, State, Province, Country, Zip (1st 5), and Phone. Transfer Type and

Transfer Subtype are also required. If the Transfer Type and Transfer Subtype are entered then a Browse screen will be displayed to select the Type or Subtype. (If nothing is entered then the Browse screen will start at the top of the list.) When these fields are entered the record will be added. After the record has been added then it will be displayed. After pressing enter the Transaction 16 screen is displayed with the Recipient information (non-modifiable).

- On the browse screen select a recipient.
Expected Results: A window is displayed showing information for the selected Recipient. After pressing enter the Transaction 16 screen is displayed with the Recipient information (non-modifiable).
- Schedule the 160 report using the date that you entered the T16 transactions as the Begin and End Date. Run the 160 report.
Expected Results: The report should contain Part III – Transfer of Excess Research Equipment – (CENTER). Part III should be broken down into 3 parts (SBIR, Other, and Stevenson-Wydler). Each of the 3 sections should contain the Agency Name, Address, City, State, Zip, Province, Country, Status (Transfer Type and Subtype), Original Acquisition Cost (total for FSG), and FSG code.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR160PB	Summary report of final dispositions	Program
NDULTBPA	Reload ND-Table	Program
NDUUTBPA	Unload ND-Table	Program
ND3170MA		Map
ND3170MB		Map
ND3170ME		Map
ND3170PA	Recipient Name Table Update	Program
ND3170PB	Browse ND-Table Recipient Table	Program
ND3170PC	Browse ND-Table Recipient Table	Program
ND3170PD	Browse ND-Table Recipient Table	Program
ND5116MA		Map
ND5116PA	Transfer to Other without prior GSA approval (T16)	Program

11.0 CCR 398 - Move 'C' to AVAIL-STATUS-CODE for an X90 or I90 transaction.

When an X90 or I90 transaction is created from NPDMS and sent to NEMS Central the AVAIL-STATUS-CODE is not changed.

Description of Change

Code was changed to move 'C' to the AVAIL-STATUS-CODE for an X90 or I90 transaction.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Perform a controlled add for an ECN that has an AVAIL-STATUS-CODE of 'A' or 'B'.
Expected Results: NEMS Daily Transaction file should contain an X90 or I90 transaction with an AVAIL-STATUS-CODE of 'C'.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDXNEMPA	NEMS/NPDMS Interface	Program

12.0 CCR 399 - ADPE Over \$1,000,000 to GSA.

Currently if ADPE (FSG 70) equipment is over \$1,000,000 and the date of manufacture is within 9 years (of the present) then it is not reported to GSA. Report SF-120 is produced for this piece of equipment. The Federal Regulations requirement that made all FSG 70 property reportable to GSA FSS regional offices was published in the Federal Register on August 4, 1998.

Description of Change

Code was changed to remove the edit that forced ADP Equipment over \$1,000,000 to be sent to GSA region 00.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Perform an add for a piece of ADP Equipment (FSG 70) over \$1,000,000. Expected Results: During the add process an edit should not be received indicating that ADP Equipment over \$1,000,000 should be reported to GSA region 00.
- Perform a change on a piece of ADP Equipment (FSG 70) that is under \$1,000,000. Change the cost to \$1,000,000. Expected Results: During the change process an edit should not be received indicating that ADP Equipment over \$1,000,000 should be reported to GSA region 00.
- Perform a receipt on a piece of ADP Equipment (FSG 70) that is under \$1,000,000. Change the cost to \$1,000,000. Expected Results: During the receipt process an edit should not be received indicating that ADP Equipment over \$1,000,000 should be reported to GSA region 00.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
ND4110PA	On-Line Add	Program
ND4110TB	On-Line Add Documentation	Text
ND4210PA	On-Line Change	Program
ND4210TB	On-Line Change Documentation	Text
ND5102MA		Map
ND5102PA	Receipt	Program

13.0 CCR 400 - Discrepancy Flag in Inventory.

Whenever equipment is being excessed that is a discrepancy in the NEMS inventory system, a transaction I90 is generated to delete it from the NEMS equipment file and add to the NEMS history file. The discrepancy flag does not get changed to indicate that it is no longer a discrepancy and the inventory team has no way of clearing the discrepancy.

Description of Change

Code was changed to remove the check for a match on either the custodian account or grid location.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Perform a controlled add on an ECN that is an underage in the NEMS Inventory file.
Expected results: The record for the ECN should be deleted from the NEMS Inventory file.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDXNEMPA	NEMS/NPDMS Interface	Program

14.0 CCR 402 - 160 report by installation/161 report by subinstallation.

Currently the 160 report (ANNUAL REPORT OF PERSONAL PROPERTY PROVIDED TO NON-FEDERAL ORG) is produced by sub-installation. LTAN will only accept data for the entire installation.

Description of Change

The 160 report was copied to the 161 report to continue to be produced by sub-installation. The new 160 report will be produced by installation. The LTAN dataset produced from the 160 report will be for the entire installation.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Schedule and run the 160 and 161 report for the main installation (example: for MSFC 0808).
Expected results: The 160 report will contain information for the entire installation (MSFC = 08). The 161 report will contain information for the main installation (MSFC = 0808).
- Schedule and run the 160 and 161 report for the sub-installation (example: for MSFC 0881).
Expected results: The 160 report will contain information for the entire installation (MSFC = 08). The 161 report will contain information for the sub-installation (MSFC = 0881).

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR160PA	Summary report of final dispositions by installation	Program
NDR161PA	Summary report of final dispositions by sub-installation Program	
NDR161PB	Summary report of final dispositions by sub-installation Program	

15.0 CCR 405 – WSTF Agency Bureau Code/Agency Indicator.

Currently the Agency Indicator for White Sands Test Facility is set to NWFC on the Center Profile Table (050). The Agency/Bureau Code is set to 8006 on the Installation Code Table (105). NWFC is for NASA Wallops Flight Center. 8006 is for Johnson Space Center.

Description of Change

Code was changed to accept NWTF as the Agency Indicator on the Center Profile Table and 8016 as the Agency/Bureau Code on the Installation Code Table.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- **JSC and WSTF only.** On table 050, change the Agency/Bureau Code to 8016 and the Agency Ind to NWTF for installation.
Expected Results: Record will be successfully changed.
- On table 105, change the Agency Ind to NWTF and the Agency/Bureau Code to 8016 for installation 0991.
Expected Results: Record will be successfully changed.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
ND3050MA		Map
ND3105MA		Map

16.0 CCR 406 – 3 new FSC codes and 1 FSC group name change.

The FSC group name has changed for 6505 and FSC 6509, 1352, and 1353 have been added.

Description of Change

A program was created to add 6509, 1352, and 1353 and update the group name 6506.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Run program NDU020PA in batch.
Expected Results: The group name will be changed successfully and the new codes will be added.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDU020PA	Updates the Federal Supply Classification	Program

APPENDIX D - INSTALLATION INSTRUCTIONS AND CHECKLIST FOR NPDMS SOFTWARE RELEASE 2.7

Introduction

Release information:

System Name: NPDMS
Release Number: 2.7
Release Date: August 31, 2000
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 & NPDMS)

Telephone: (256) 544-6673
Email: neal.cantrell@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.NPDMS.PROD.R270.R0800.DOC
xxMOV.NPDMS.PROD.R270.R0800.ERR
xxMOV.NPDMS.PROD.R270.R0800.PRD
xxMOV.NPDMS.PROD.R270.R0800.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 9.0 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 Perform Release-Specific Procedures
- 8.0 Local JCL Mods
- 9.0 Installation Checklist

1.0 Back Up Existing Data

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

2.0 Copy Source/Object Code

2.1 Copy Source Code

Load the NPDMS source library from dataset:

`xxmov.NPDMS.PROD.R270.R0800.SRC.`

The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library NPDMS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

Natural Source Modules by Type	Count
GLOBAL DATA AREA	0
LOCAL/PARAM DATA AREA	0
MAPS	12
HELP ROUTINES	0
SUBROUTINES	1
SUBPROGRAMS	4
PROGRAMS	24
COPYCODE	0
TEXT	2
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	43

2.2 List of Source Code Modifications

The following are the modules added, modified, and deleted. **(NOTE: Modules in bold have been changed since the Beta release.)**

Added Modules:

1. ND4110MJ Map
2. NDR006MK Map
3. NDR110NA Subpgm
4. **NDR110PB** Program
5. NDR161PA Program
6. NDR161PB Program
7. NDULTBPA Program
8. NDUUTBPA Program
9. NDX500NA Subpgm
10. NDXNEMNB Subpgm
11. **NDU020PA** Program

Changed Modules:

1. ND2200MC Map
2. ND3050MA Map
3. ND3105MA Map
4. ND3170MA Map
5. ND3170MB Map
6. ND3170ME Map
7. ND3170PA Program
8. ND3170PB Program
9. ND3170PC Program
10. ND3170PD Program
11. ND4110PA Program
12. ND4110TB Text
13. ND4210ND Subpgm
14. **ND4210PA** Program
15. **ND4210TB** Text
16. ND5102MA Map
17. ND5102PA Program
18. ND5116MA Map
19. ND5116PA Program
20. NDO000ME Map
21. NDO000PA Program
22. NDO000PB Program
23. NDR006PA Program
24. NDR016PA Program
25. NDR023MB Map

26.NDR023PA Program
27.NDR110PA Program
 28.NDR160PA Program
 29.NDR160PB Program
30.NDX500PA Program
 31.NDXNEMPA Program
32.NDXNEMSA Subroutine

Deleted Modules:

There are no modules deleted with this release.

3.0 Pre-Predict Data Conversion

ND-TABLE must be unloaded prior to making the file changes. Run program NDUUTBPA in batch to create a backup file for ND-TABLE. See Appendix E for sample JCL.

4.0 Install Predict

4.1 Data Dictionary Changes

This release will include the new enhancements for Version 2.7.0. Details for changes in this release can be found under Section 4.1.3 Physical File Changes or by performing Predict reporting on the keyword NPDMS-2.7.0.

Use SYSDICBE to load the PREDICT modifications from the dataset:
 xxMOV.NPDMS.PROD.R270.R0800.PRD.

The following NPDMS DDMs should be generated after the PREDICT load is completed:

ND-TABLE

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/Help files	-	1
ADABAS Files and Views	-	1

4.1.2 Storage Considerations

Not applicable with this release.

4.1.3 Physical File Changes

Delete and rebuild the following file empty using ADALOD:

(2 new group fields were added to Table 170)

ND-TABLE		File # 249							
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*-	-	-----	*-	-----	-----	*	*	--	*
	3	RCPNT-ADRS-PRVNC-NAME	A	20.0				FJ	N
	3	RCPNT-ADRS-CNTRY-NAME	A	30.0				FK	N

5.0 Catalog Source Code

Run a batch job to catalog (CATALL) all modules in the NPDMS 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 NPDMS application will run under the NASA On-line Standard Parameter.

6.0 Post-Predict Data Conversion

ND-TABLE must be reloaded after making the file changes. Run program NDULTBPA in batch to reload ND-TABLE. See Appendix E for sample JCL.

7.0 Perform Release-Specific Procedures

7.1 Load Natural Error Messages

Load error messages from the NASA Distribution data set xxMOV.NPDMS.PROD.REL270.R0800.ERR, using the NATURAL SYSERR utility ERRLODUS. This release contains 796 error messages, which will load to the library NPDMS. For additional information concerning SYSERR, refer to the NATURAL 2 Administrator's Manual.

7.2 Change report 160 title/Add report 161

The title for report 160 should be changed to the following:

Job Type Determination : R (R=Report, M=Maintenance)
Report/Maintenance Job No : 160 (Use 900 thru 999 for center uniques)
Report Execution Sequence No: *100 (Use 8000 thru 8999 for center uniques)
Allow Immediate Submission : N (Reserved for future use)

Description: **ANNUAL RPT OF PERSONAL PROP PROVIDED TO NON-FED ORG BY INST*******

----- Required Inputs -----	----- Criteria For Custom Inputs -----
Start Date : B (O,R,B or Blank)	Criteria 1 _____
End Date : B (O,R,B or Blank)	Criteria 2 _____
No. of Days: _ (O,R,B or Blank)	Criteria 3 _____
	Criteria 4 _____
(O=On Request, R=Reg. Scheduled B=Both, Blank=Not Required)	Criteria 5 _____

Report 161 should be added to table 055 with the following:

Job Type Determination : R (R=Report, M=Maintenance)
Report/Maintenance Job No : 161 (Use 900 thru 999 for center uniques)
Report Execution Sequence No: *100 (Use 8000 thru 8999 for center uniques)
Allow Immediate Submission : N (Reserved for future use)

Description: **ANNUAL RPT OF PERSONAL PROP PROVIDED TO NON-FED ORG BY SUB-INST****

----- Required Inputs -----	----- Criteria For Custom Inputs -----
Start Date : B (O,R,B or Blank)	Criteria 1 _____
End Date : B (O,R,B or Blank)	Criteria 2 _____
No. of Days: _ (O,R,B or Blank)	Criteria 3 _____
	Criteria 4 _____
(O=On Request, R=Reg. Scheduled B=Both, Blank=Not Required)	Criteria 5 _____

7.3 Run NDU020PA to update table 020

Program NDU020PA should be run online or in batch to update table 020 with the new group name for 1 FSC and add the 3 new FSC codes.

8.0 Local JCL Mods

The following changes should be made to the source JCL. The updated JCL should then be loaded into the NPDMS ND-TABLE file (JCL Table 140) using the utility program NDU140PA executed in batch. The following is an **example** of the JCL that will be needed to run the NDR230PA report and should be modified to meet each Center's standard. **(NOTE: Lines in BOLD are added/changed lines.)**

```
140R160PA1001  //*
140R160PA1002  //*****  NDR160PA  *****
140R161PA1001  //*
140R161PA1002  //*****  NDR161PA  *****
140R170PA1001  //*
140R170PA1002  //*****  NDR170PA  *****

140R130PA2002  //CMWKF01  DD  DSN=&&NDR130A,SPACE=(TRK,(20,3),RLSE),UNIT=SYSDA
140R160PA2001  //CMPRT03  DD  SYSOUT=(,),OUTPUT=(*.#DEST#),COPIES=#COPIES#
140R160PA2002  //CMWKF01  DD  DSN=&&NDR160A,SPACE=(TRK,(20,3),RLSE),UNIT=SYSDA
140R160PA2003  //CMWKF02  DD  DSN=MSIRM.NPDMDD.HQEXT,
140R160PA2004  //                               UNIT=SYSDA,
140R160PA2005  //                               DISP=(SHR,KEEP,KEEP),
140R160PA2006  //                               SPACE=(TRK,(5,3),RLSE),
140R160PA2007  //                               DCB=(RECFM=FB,LRECL=198,BLKSIZE=198)
140R161PA2001  //CMPRT03  DD  SYSOUT=(,),OUTPUT=(*.#DEST#),COPIES=#COPIES#
140R161PA2002  //CMWKF01  DD  DSN=&&NDR161A,SPACE=(TRK,(20,3),RLSE),UNIT=SYSDA
140R180PA2001  //CMPRT03  DD  SYSOUT=(,),OUTPUT=(*.#DEST#),COPIES=#COPIES#
```

9.0 Installation Checklist

- 1.0 Back Up Existing Data
- 2.0 Copy Source/Object Code
- 2.1 Copy Source Code
- 2.2 List of Source Code Modifications
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 7.0 Perform Release Specific Procedures
- 7.1 Load Natural Error Messages
- 7.2 Change report 160 title/Add report 161
- 7.3 Run NDU020PA to update table 020
- 8.0 Local JCL Mods

APPENDIX E – SAMPLE JCL FOR UNLOADING AND LOADING ND-TABLE

Sample JCL to Unload ND-TABLE:

```
//IRUUTBPA JOB (AGAOHNEMS002), 'CANTRELL',MSGCLASS=A,CLASS=D,
//          NOTIFY=MSJOC
//*****
//* THIS JOB IS SET UP TO UNLOAD THE ND-TABLE FILE
//*****
//NATURAL EXEC N02Z
//CMPRINT DD SYSOUT=(I,P3103102)
//CMWKF01 DD DSN=MSIRM.NPDMDD.TABLE,
//          DISP=(NEW,CATLG,DELETE),
//          DCB=(RECFM=FB,LRECL=4154,BLKSIZE=4154),
//          UNIT=SYSDA,
//          SPACE=(CYL,(2,2),RLSE)
//CMSYNIN DD *
NDDEVL,MSJOC
MSJOC
NDUUTBPA
FIN
//
```

Sample JCL to Load ND-TABLE:

```
//IRULTBPA JOB (AGAOHNEMS002), 'CANTRELL',MSGCLASS=A,CLASS=D,
//          NOTIFY=MSJOC
//*****
//* THIS JOB IS SET UP TO LOAD THE ND-TABLE FILE
//*****
//NATURAL EXEC N02Z
//CMPRINT DD SYSOUT=(I,P3103102)
//CMWKF01 DD DSN=MSIRM.NPDMDD.TABLE,
//          DISP=(SHR,KEEP,KEEP)
//CMSYNIN DD *
NDDEVL,MSJOC
MSJOC
NDULTBPA
FIN
//
```