

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

Release 3.1

NASA-NPDMS-VDD-14

PrISMS Contract

August 30, 2002



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 3.1**

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August 30, 2002

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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 3.1 and has an effective release date of August 30, 2002.

1.2 PURPOSE OF THE RELEASE

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

<u>CCR</u>	<u>Title</u>
443	Add value to Ordering Agency ID for T19 transaction
444	Component Case DML Code Populated from next case
445	Increase Length of Comments Fields
446	Modifications to GSA File Layout
447	Report Headers on NPDMS reports - ADOSS
448	Add POC Email address and PODI Email address to Table 50
449	GSA Sales Fee
450	Split Freeze Status Report
451	Add edit 2037 to Regularly Scheduled Reports
452	Report Foreign Property to GSA
453	Cap Sens Code can be changed when processing a Controlled Add
454	PODI Email Address Required on GSA Transmission
455	Display Recipient Information In Case Review
457	Daily Transaction Report (016) Property Description Invalid
458	Remove MFG Name and Model Number from Additional Description
459	Populate Country Code
461	Change GSA-SRD-Date back to OFA-End-Date (Reverse CCR 426)
462	Check NEMS History for Model/Serial Number on non-controlled 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 3.1, including the following:

- Changes implemented since Release 3.0.0;
- 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

2.0 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, 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

NPDMS User and Operation Guide
Data Dictionary for NPDMS

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

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 3.1 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.

4.0 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	443	Add value to Ordering Agency ID for T19 transaction
2.0	444	Component Case DML Code Populated from next case
3.0	445	Increase Length of Comments Fields
4.0	446	Modifications to GSA File Layout
5.0	447	Report Headers on NPDMS reports - ADOSS
6.0	448	Add POC and PODI Email addresses to Table 50
7.0	449	GSA Sales Fee
8.0	450	Split Freeze Status Report
9.0	451	Add edit 2037 to Regularly Scheduled Reports
10.0	452	Report Foreign Property to GSA
11.0	453	Cap Sens Code can be changed when processing Controlled Add
12.0	454	PODI Email Address required on GSA Transmission
13.0	455	Display Recipient Information in Case Review
14.0	457	Daily Transaction Report (016) Property Description Invalid
15.0	458	Remove MFG Name and Model Number from Additional Description
16.0	459	Populate Country Code
17.0	461	Change GSA-SRD-Date to OFA-END-Date (Rev. CCR 426)
18.0	462	Check NEMS History for Model/Serial number on non- controlled change

Details for the validation procedures follow:

1.0 CCR 443 – Add value to Ordering Agency ID for T19 transaction.

An Exchange/Sale transaction requires an Ordering Agency ID to be entered. The values are either NASA (N) or Other Federal Agency (F). Some centers need Vendor (E) value entered.

Description of Change

Code was changed to add the value E to the Ordering Agency ID on the ND5119MA popup window.

Functional Impact

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

Validation Procedures

- Have one case number that is an Exchange/Sale.
- Do a T19 on that case number.
Expected results: Should have the option to enter either (N, F, or E).
- Enter an E.
Expected results: The T19 transaction was completed.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
ND5119MA	Ordering Agency Popup Window	Map

2.0 CCR 444 – Component Case DML Code populated from next case.

On a component case when there are no more items to add a component system screen is displayed with the DML Code populated in certain cases. The DML Code is populated with the DML Code for the next case number.

Description of Change

Code was changed to make sure the case number is the same as the current case and has not advanced to the next case number before populating the DML Code.

Functional Impact

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

Validation Procedures

- Add one component case with two items with no DML Code.
Expected Results: On the Component System Property Case Add screen, the DML Code should be blank.
- Do a T03 transaction on that case.
Expected Results: T03 transaction should complete successfully.
- Do a Reversal of the T03 transaction.
Expected Results: Reversal should complete successfully.
- Do a case review of the previous case.
Expected Results: DML Code should be blank.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDXCSUPA	Updates Component System Level Data	Program

3.0 CCR 445 – Increase length of comments field (NEMS 314).

The STA-COMMENTS fields on the NEMS-INV-STATUS file is currently 70 bytes.

Description of Change

Code was changed to increase the length of STA-COMMENTS field to 140 bytes.

Functional Impact

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

Validation Procedures

- Must enter one ECN in NEMS (01 transaction).
- Open Inventory by Location.
- Process Inventory WITHOUT the above ECN.
- Run batch for Inventory
Expected Results: Verify that the above ECN is on the Locate Missing Items report.
- Do a controlled add in NPDMS with the above ECN.
Expected Results: Should receive a warning message that NPDMS will reconcile the Underage.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDNEMSLA	NEMS-INV-STATUS Local	Local
NDXNEMPA	NEMS Interface with NPDMS	Program

4.0 CCR 446 – Modifications to GSA File Layout.

Currently the GSA interface records are 924 bytes. GSA is adding 2 new fields and increasing the length of 3 others to increase the interface record length to 987 bytes.

Description of Change

Code was changed to accommodate the new fields lengths and new fields.

Functional Impact

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

Validation Procedures

- Schedule the 110 report.
Expected Results: The report should show the new fields as well as the new field lengths.

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

5.0 CCR 447 – Report Headers on NPDMS reports - ADOSS.

Report headers on NPDMS reports vary from page to page which causes problems sending them to ADOSS. If the second page of the NPDMS report does not have the same number of heading lines as the first page, and if the heading date does not appear on the same line and column positions as it does on page one, ADOSS will not process the report correctly. Only the first two parts of the 016 report will transfer to ADOSS correctly, part C will not appear in ADOSS.

Description of Change

Code was changed to modify the headers so that the header information is the same for every page. Only reports 007, 016, 024, 025 and 026 were requested to be done.

Functional Impact

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

Validation Procedures

- Schedule reports 007, 016, 024, 025, and 026.
Expected Results: The report headings should be the same for all the pages.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR007PA	Generate NEMS Interface Report	Program
NDR016MA	Report 016 Map	Map
NDR016MB	Report 016 Map	Map
NDR016MC	Report 016 Map	Map
NDR016ME	Report 016 Map	Map
NDR016MF	Report 016 Map	Map
NDR016MG	Report 016 Map	Map
NDR016MH	Report 016 Map	Map
NDR016MY	Report 016 Map	Map
NDR016PB	Daily Transaction Report Part A	Program
NDR016PD	Daily Transaction Report Transaction Summary	Program
NDR024PA	NSMS Accepted Items Report	Program
NDR025PA	NSMS Rejected Items Report	Program
NDR026PA	Matching Overage/Underage Report	Program

6.0 CCR 448 – Add POC Email address and PODI Email address to Table 50.

The POC Email address and PODI Email address are currently required to be changed by each center in the NDR110PA and NDR110PB programs. These values should be added to Table 50 (Center Profile) so they can be used as default values during the add process.

Description of Change

Code was changed to accommodate the new fields.

Functional Impact

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

Validation Procedures

- Have 11 ECNs for controlled cases.
- Have 4 single cases (2 GSA and 2 DRMO) for Converting case to component (change the Contact Person on Add screen 2 – should receive a PODI email address screen) (change the Contact Person on the GSA Reporting Data screen (GSA only) – should receive a POC email address screen).
- Have one controlled (DRMO) component with 3 ECNs for Converting component to case. (change the Contact Person on Add screen 2 – should receive a PODI email address screen)
- Do non-controlled adds for the following:
 - Single case – GSA
 - 3 Component case – GSA
 - Single case – DRMO
 - 3 Component case - DRMO(change the Contact Person on Add screen 2 – should receive a PODI email address screen) (change the Contact Person on the GSA Reporting Data screen (GSA only) – should receive a POC email address screen).
Expected results: Check ND-Case, ND-Case-Hist, ND-Transaction, and ND-Trans-Hist to make sure that the email address is added. For GSA components (in ND-Transaction or ND-Trans-Hist), the default email address is added for the first 2 items and the third item has the changed information. For DRMO cases, the POC information is not filled in.
- Do controlled adds for the following: (use the above ECNs)
 - Single case – GSA
 - 3 Component case - GSA
 - Single case – DRMO
 - 3 Component case - DRMO(change the Contact Person on Add screen 2 – should receive a PODI email address screen) (change the Contact Person on the GSA Reporting Data screen (GSA only) – should receive a POC email address screen).
Expected results: Check ND-Case, ND-Case-Hist, ND-Transaction, and ND-Trans-Hist to make sure that the email address is added. For GSA components (in ND-Transaction or ND-Trans-Hist), the default email address

is added for the first 2 items and the third item has the changed information. For DRMO cases, the POC information is not filled in.

- Do changes on the above non-controlled and controlled adds. (change the Contact Person on screen 2 – should receive a PODI email address screen) (change the Contact Person on the GSA Reporting Data screen (GSA only) – should receive a POC email address screen).

Expected results: Check ND-Case, ND-Case-Hist, ND-Transaction, and ND-Trans-Hist to make sure that the email address is added. For GSA components (in ND-Transaction or ND-Trans-Hist), the default email address is added for the first 2 items and the third item has the changed information. For DRMO cases, the POC information is not filled in.

- Delete all single cases except for the convert case to component ones.
- Delete one component for each of the component cases. Completely delete the DRMO Component.

Expected results: Check ND-Case, ND-Case-Hist, ND-Transaction, and ND-Trans-Hist to make sure that the email address is added. For GSA components (in ND-Transaction or ND-Trans-Hist), the default email address is added for the first 2 items and the third item has the changed information. For DRMO cases, the POC information is not filled in.

- Convert case to component with the initial cases added to the components that are similar (GSA or DRMO).

Expected results: Check ND-Case, ND-Case-Hist, ND-Transaction, and ND-Trans-Hist to make sure that the email address is added. For GSA components (in ND-Transaction or ND-Trans-Hist), the default email address is added for the first 2 items and the third item has the changed information. For DRMO cases, the POC information is not filled in.

- Convert component to case with any one item from each of the components (GSA and DRMO).

Expected results: Check ND-Case, ND-Case-Hist, ND-Transaction, and ND-Trans-Hist to make sure that the email address is added. For GSA components (in ND-Transaction or ND-Trans-Hist), the default email address is added for the first 2 items and the third item has the changed information. For DRMO cases, the POC information is not filled in.

- Do a T06 (GSA) on a non-controlled single case (from convert component to case) and a controlled component.
- Do a T09 (DRMO) on a non-controlled single case (from convert component to case) and a controlled component.

Expected results: Check ND-Case, ND-Case-Hist, ND-Transaction, and ND-Trans-Hist to make sure that the email address is added. For GSA components (in ND-Transaction or ND-Trans-Hist), the default email address is added for the first 2 items and the third item has the changed information. For DRMO cases, the POC information is not filled in.

- Do an add, change, and delete for Table 50.

Expected results: Should be able to enter an email address. Should not be able to delete for Table 50.

- Do an add, change, and delete for Table 51.

Expected results: Should be able to enter an email address. Should not be able to delete for Table 51.

- Browse Tables 50 and 51.

Expected results: Should see email address fields.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
ND3050MA	Center Profile	Map
ND3050MC	Center Profile	Map
ND3050PA	Center Profile Table Update	Program
ND3050PB	Browse ND-Table Center Profile	Program
ND3051MA	Reporting Agency	Map
ND3051MB	Reporting Agency	Map
ND3051PA	Reporting Agency Table update	Program
ND3051PB	Browse ND-Table Property Location	Program
ND4110AA	ND-Case	Local
ND4110MB	Add	Map
ND4110MC	Add	Map
ND4110MO	Email Map	Map
ND4110PA	Online Add	Program
ND4110TB	Add text	Text
ND4210AA	ND-Case	Local
ND4210NA	Case Modification Check	Subpgm
ND4210PA	Online Change	Program
ND4210TB	Change text	Text
ND4700LA	ND-Case	Local
ND4700PA	Convert Case to Component System	Program
ND4800PA	Convert Component system to Single Case	Program
NDCASELA	ND-Case	Local
NDCASHLA	ND-Case-Hist	Local
NDR110PA	GSA Dataset Generation	Program
NDR110PB	GSA Dataset Generation	Program
NDT050LA	ND-Table	Local
NDT051LA	ND-Table	Local
NDTXAELA	ND-Transaction	Local
NDTXALA	ND-Transaction	Local
NDTXHDLB	ND-Trans-Hist	Local
NDTXHELA	ND-Trans-Hist	Local
NDTXHLA	ND-Trans-Hist	Local
NDU050PA	Upload for Table 50	Program
NDU051PA	Upload for Table 51	Program
NDX471NA	Store old case item to history file	Subpgm
NDX472NA	Update Freeze/Components to history file	Subpgm
NDXCSUNA	Updates all items in Component	Subpgm
NDXHSTNA	Moves ND-Transaction to ND-Trans-Hist	Subpgm
NDXHSTPA	Moves ND-Case and ND-Transaction to history	Program
NDXNEMNA	Retrieve NEMS Data	Subpgm

NDXNEMNB Retrieve NEMS History Data

Subpgm

7.0 CCR 449 – GSA Sales Fee.

There is not a field in NPDMS that will allow recording of the fee that GSA charges for selling a lot.

Description of Change

Code was changed to add a field for recording the GSA fee (Prop-Sale-GSA-Fee-Amt).

Functional Impact

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

Validation Procedures

- Add 20 non-controlled cases to NPDMS
- Add 5 GSA sales using 10 of the previous cases. Each sale should use a different sale method (2 thru 5 and blank) and should have two lots with one case each.
- Add 5 Local sales using 8 of the previous cases. Each sale should use a different sale method (2 thru 5) and should have two lots with one case each.
- Award each sale (both lots).
Expected Results: For the GSA sales, should have a field on both screens (Yes for more lots brings up the second screen) that says GSA Fee Amount. For the Local sales, this field should not be present.
- Add two single case sales – have one that has a GSA fee and one the does not.
Expected results: Should be able to populate the field or not without any errors.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
ND4930MA	Sale Award Process – Screen 1	Map
ND4930MB	Sale Award Process – Screen 2	Map
ND4930PA	Sale Award Process	Program
ND4960PA	Close Lot	Program
ND5115MA	Single Case Sale	Map
ND5115PA	Single Case Sale	Program
NDTXA5LA	ND-Transaction	Local
NDR016LA	ND-Transaction work names	Local
NDTXALA	ND-Transaction	Local
NDTXATLA	ND-Transaction	Local
NDTXHLA	ND-Trans-Hist	Local
NDXHSTNA	Moves ND-Transaction to ND-Trans-Hist	Subpgm
NDUUPLP3	Upload ND-Transaction	Program
NDUDNLP3	Download ND-Transaction	Program
NDUUPLP4	Upload ND-Trans-Hist	Program
NDUDNLP4	Download ND-Trans-Hist	Program
NDUUPLP5	Upload ND-Table	Program

NDUDNLP5	Download ND-Table	Program
NDTABLA	ND-Table	Local
NDTXNLA	ND-Transaction	Local
NDTXNHLA	ND-Trans-Hist	Local

8.0 CCR 450 – Split Freeze Status Report.

The Freeze Status Report (006) reports information for all types of freezes on 1 report. User would like to see the report split to show true freezes and sales freezes.

Description of Change

Code was changed to the freeze report (On-request only) to allow the user to select which type of freeze they would like to see.

Functional Impact

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

Validation Procedures

- Schedule the Freeze Status report (On-request only) for each type of freeze (N,E,F,D,S). (The Freeze Delinquent date is the date the report should be run on)
Expected Results: Each report should only show the freeze type that was requested

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR006PA	Freeze Status Report	Program
ND2200PA	Allow user to request specific report	Program
ND2200MF	Map to select Freeze type	Map

9.0 CCR 451 – Add edit 2037 to Regularly Scheduled Reports.

The On-Request Reports have an edit (2037) that prevents a report from being scheduled for ADOSS if that report is not set up in the ADOSS table (200).

Description of Change

Code was changed to add the edit (2037) to the regularly scheduled reports.

Functional Impact

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

Validation Procedures

- Have one report that is NOT on Table 200.
- Schedule the report (regularly scheduled) that is not on Table 200 to print to ADOSS.
Expected Results: Should receive a message that states “This report cannot be scheduled for ADOSS”.
- Schedule the same report (regularly scheduled) but not to ADOSS.
Expected Results: The report should schedule successfully.
- Change the report (regularly scheduled) to print to ADOSS.
Expected Results: Should receive a message that states “This report cannot be scheduled for ADOSS”.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
ND2300MB	Distribution Screen for Regularly Scheduled Reports	Map
ND2300PA	Add, Change, and Delete Standard Reports	Program

10.0 CCR 452 – Report Foreign Property to GSA.

Currently in NPDMS Foreign Property is not eligible to be reported to GSA. Edit 3028 (GSA Region not valid for Foreign Property) is received when adding a Foreign Property case to NPDMS.

Description of Change

Code was changed to allow foreign property to report to GSA.

Functional Impact

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

Validation Procedures

- Do add transactions for the following:
 - Non-controlled foreign property reported to GSA
 - Non-controlled foreign property reported to DRMO
 - Non-controlled reported to GSA
 - Non-controlled reported to DRMO
 - Controlled foreign property reported to GSA
 - Controlled foreign property reported to DRMO
 - Controlled reported to GSA
 - Controlled reported to DRMO
 - Non-controlled component foreign property reported to GSA
 - Non-controlled component foreign property reported to DRMO
 - Non-controlled component reported to GSA
 - Non-controlled component reported to DRMO
 - Controlled component foreign property reported to GSA
 - Controlled component foreign property reported to DRMO
 - Controlled component reported to GSA
 - Controlled component reported to DRMO
- Schedule the 110 report using the DD Parm +21.
Expected results: All GSA cases should be on the report. DRMO cases should not be on the report.
- Make a change to all the cases using DD Parm +23. (Non-Controlled to the quantity and Controlled to the cost)
- Schedule the 110 report using the DD Parm +23.
Expected results: All GSA cases should be on the report. DRMO cases should not be on the report.
- Delete all the cases using the DD Parm +25.
- Schedule the 110 report using the DD Parm +25.
Expected results: All GSA cases should be on the report. DRMO cases should not be on the report.
- Add a new record on Table 015 (Exception Processing Table). Enter a GSA Region and Foreign Property.
Expected Results: Should receive a message stating “Record Successfully added”.

- Change that same record in Table 015. Change the GSA Region to another region.
Expected Results: Should receive a message stating “Previous record successfully changed”.
- Delete that same record in Table 015.
Expected Results: Should receive a message stating “Previous record successfully deleted”.
- Browse Table 015.
Expected results: Verify that the record was deleted.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
ND3015MA	Exception Processing Table Map	Map
ND3015PA	Exception Processing Table Update	Program
ND4110MB	Add/Change Map	Map
ND4110PA	Add Transaction	Program
ND4110TB	Add Text	Text
ND4210PA	Change Transaction	Program
ND4210TB	Change Text	Text
NDR110PA	GSA Transaction (Active)	Program
NDR110PB	GSA Transaction (History)	Program

11.0 CCR 453 – Cap Sens Code can be changed when processing a Controlled add.

The Cap Sens Code in NPDMS must match the one in NEMS or NEMS will be out of balance.

Description of Change

Code was changed to prevent changing the Cap Sens Code when doing a Controlled add.

Functional Impact

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

Validation Procedures

- Must have one ECN in NEMS.
- Do a Controlled add in NPDMS with the previous ECN.
Expected Results: On the first screen, Cap Sens Code should not be able to be changed.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
ND4110PA	Add Module	Program
ND4110TB	Comments for Add module	Text

12.0 CCR 454 – PODI email address required on GSA Transmission.

The PODI email address is only being populated on cases that are being sold by GSA.

Description of Change

Code was changed to require the PODI email address for all cases.

Functional Impact

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

Validation Procedures

- Do a non-controlled add with Reimbursement Code eq 'A' and another eq '2'.
- Schedule the 110 report. (Use a DD parm +21 when scheduling the report as well as running it).
Expected Results: Both case numbers should appear on the report as well as the PODI email address for both. (Will be the second email address).
- Do a change on both case numbers (change the quantity). (Use a DD parm +23).
- Schedule the 110 report. (Use a DD parm +23 when scheduling the report as well as running it).
Expected Results: Both case numbers should appear on the report as well as the PODI email address for both. (Will be the second email address).
- Do a delete on both case numbers. (Use a DD parm +25).
- Schedule the 110 report. (Use a DD parm +25 when scheduling the report as well as running it).
Expected Results: Both case numbers should appear on the report as well as the PODI email address for both. (Will be the second email address).

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR110PA	GSA Transmission (Active)	Program
NDR110PB	GSA Transmission (History)	Program

13.0 – CCR 455 Display Recipient Name Information on Case Review

Recipient Name Information (Name, Transfer Type, Transfer Subtype) is not displayed on the Case Review.

Description of Change

Code was changed to display Recipient Information (if any) with the Y2K information in the Case Review.

Functional Impact

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

Validation Procedures

- Add one case with Y2K information only.
- Do a case review.
Expected Results: When pressing the PF4 key, only Y2K information should be displayed.
- Delete the case.
- Do a case review
Expected Results: When pressing the PF4 key, only Y2K information should be displayed.
- Add one case with no Y2K information
- Do a case review.
Expected Results: When pressing the PF4 key, an error message: “Requested Function Key not Allocated” should appear.
- Delete the case.
- Do a case review.
Expected Results: When pressing the PF4 key, an error message “Requested Function Key Not Allocated” should appear.
- Add two (2) cases (one with Y2K information, one without Y2K information)
- Do a T16 transaction on both cases.
- Do a case review.
Expected Results: When pressing the PF4 key, the case with Y2K information should display recipient information followed by the Y2K information. And the case without the Y2K information should only display the recipient information.
- Do a reversal on the T16 transaction.
- Do a case review.
Expected Results: When pressing the PF4 key, the case with Y2K information should display only the Y2K information. And the case without the Y2K information should display an error message “Requested Function Key Not Allocated” should appear.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDUY2KMB	Optional Information Map	Map
ND4000PB	Case Review-History	Program
ND4000PC	Case Review-Active	Program

14.0 CCR 457 – Daily Transaction Report (016) Property Description Invalid.

The Daily Transaction Report (016) reads the ND-TEXT-DESCRIPTIONS file to populate the Property Description. The Property Description is being populated even though there is not a record for the Case/Item on the ND-TEXT-DESCRIPTIONS file.

Description of Change

Code was changed to correct Property Description.

Functional Impact

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

Validation Procedures

- Schedule the 016 report.
Expected Results: The correct Property Descriptions are displayed.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR016PC	Daily Transaction Report	Program
NDTEXTLA	ND-TEXT-HIST	Local

15.0 CCR 458 – Remove MFG Name and Model Number from Additional Description

The Manufacturer Name and Manufacturer Model Number are currently being included in the additional description record in the GSA interface. With the new version of the GSA interface to be implemented on September 30 these two fields have been added.

Description of Change

Code was changed to remove MFG Name and Model Number from Additional Description.

Functional Impact

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

Validation Procedures

- Enter a case with the MFG name and model number.
- Schedule the 110 report using a DD parm(+21).
Expected results: case should be added to the GSA without MFG name and model number in the additional description.
- Delete the case using DD parm (+23).
- Schedule the 110 report.
Expected results: case should be added to the GSA without MFG name and model number in the additional description.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR110PA	GSA Dataset Generation (active)	Program
NDR110PB	GSA Dataset Generation (history)	Program

16.0 CCR 459 – Populate Country Code

The new GSA interface file includes a 2 byte field for country code. NPDMS does not contain a 2 byte country code field but contains a 20 byte country name.

Description of Change

Code was changed to use the first two bytes of the country field.

Functional Impact

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

Validation Procedures

- Enter a foreign property case.
- Schedule the 110 report using a DD parm(+21).
Expected results: case should include a two byte country code.
- Delete the case using DD parm (+23).
- Schedule the 110 report.
Expected results: case should include a two byte country code.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR110PA	GSA Dataset Generation (active)	Program
NDR110PB	GSA Dataset Generation (history)	Program

17.0 CCR 461 – Reverse PROP-OFA-BGN-DATE to PROP-OFA-END-DATE

CCR 426 changed the NPDMS Surplus Release Date to equal the Other Federal Agency Begin Date instead of the Other Federal Agency End Date.

Description of Change

Code was changed to make the NPDMS Surplus Release Date equal the Other Federal Agency End Date.

Functional Impact

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

Validation Procedures

- Must have four new cases (one must be a component with at least two items) with screening days of all zero except for OFA date which should be 10 days.
- Do a case review on the first case.
Expected results: The Surplus Rel Date should be equal to the OFA End Date.
- Run report 110.
- Do another case review on the first case.
Expected results: The Surplus Rel Date should be equal to the OFA End Date.
- Do a case review on the second case.
Expected results: The Surplus Rel Date should be equal to the OFA End Date.
- Run report 110.
- Do another case review on the second case.
Expected results: The Surplus Rel Date should be equal to the OFA End Date.
- Do a Change transaction on the second case. Go to the 2nd change screen- change NASA-Wide Screening end date to two (2) days from today's date and change OFA Screening begin date to two (2) days from today's date.
- Do another case review on the second case.
Expected results: The Surplus Rel Date should be equal to the OFA End Date.
- Do a T05 on the second case.
- Do another case review on the second case.
Expected results: The Surplus Rel Date should be equal to the OFA End Date.
- Run report 110.
- Do another case review on the second case.
Expected results: The Surplus Rel Date should be equal to the OFA End Date.
- Do a case review on the third case.

Expected results: The Surplus Rel Date should be equal to the OFA End Date.

- Do a case review on the component case.

Expected results: The Surplus Rel Date should be equal to the OFA End Date.

- Convert the 3rd case to the component case. (Selection 9 in Transactions)
- Do another case review on the component case.

Expected results: The Surplus Rel Date should be equal to the OFA Begin Date.

To test the NSMS part:

- Go to Table 155. See how many days NASA-Wide screening is for the PROP type. Write this number down.
- Enter NPDMS using the DD parm set at (NASA-Wide screening days + 3).
- Schedule the 110 report.
- Run the Batch job for NPDMS. Be sure to enter the DD parm in the JCL before running the batch job. (This is going to remove any cases that are waiting to go to GSA.)
- Enter three NSMS records.
- Run the Batch job for NPDMS. (NDM100PA (maintenance) will run and pick up the NSMS records.
- Enter NPDMS using the DD parm.
- Schedule the 110 report.
- Look at the 110 report.

Expected Results: It should have 3 case numbers on it (the NSMS items). Check the item name to make sure that these are your NSMS records. Write the case numbers down.

- Do a case review on those cases.

Expected Results: The Surplus Rel Date should be equal to the OFA End Date.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDR110PA	GSA Dataset Generation (active)	Program
NDR110PB	GSA Dataset Generation (history)	Program
NDXCSUPA	Update Component System Level Data	Program
NDM100PA	NSMS Batch Interface	Program
ND4110PA	Add Module	Program
ND4110TB	Documentation for ND4110TB	Text
ND4210PA	Change Module	Program
ND4210TB	Documentation for ND4210TB	Text
ND5100NA	Recalculate Screening Dates	Subpgm
ND4800PA	Convert Component System Item to Single-Case Item	Program

18.0 Added since BETA - CCR 462 – Check NEMS History for Model/Serial number on non-controlled change

NEMS history is checked for a matched on the model number/serial number on non-controlled adds. If there is a match then the user is given the opportunity to convert the add to a controlled add. The user should also have the opportunity to convert a non-controlled change to a controlled change

Description of Change

Code was changed to have a change transaction check the NEMS history file for a model/serial number match.

Functional Impact

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

Validation Procedures

- Add 9 ECNS to NEMS using 01 transaction. (Write down the model/serial numbers)
- Delete 3 ECNs with the 71 transaction.
- Delete 3 ECNs with the 65 transaction.
- Add 3 single non-controlled cases to NPDMS.
- Add 3 component non-controlled cases to NPDMS.
- Do a change transaction on the single cases. Enter the model/serial numbers of each of the following: 71, 65, and Equipment file ECNs.
Expected results: Should allow the user to convert to controlled cases.
- Do a change transaction on the component cases. Enter the model/serial numbers of each of the following: two 71, two 65, and two Equipment file ECNs.
Expected results: Should allow the user to convert to controlled cases.
- Do a case review on the cases.
Expected results: The cases with the 71 and 65 transactions will have the following transactions listed: A02, E02, and E01. The cases with the Equipment file ECNs will have the following transactions listed: A02, E02, X90, and E01.
- In NEMS, do adhoc on the ECNS in the Daily Transaction file.
Expected results: The 71 transactions will have the following transactions listed: X19 and X90. The 65 transactions will have nothing listed. The Equipment file ECNs will have the following transactions listed: 01 and X90.
- Check the Equipment file for all the ECNs.
Expected results: None of the ECNs should be on the Equipment file.
- Do adhoc on the ECNs in the History File.
Expected results: The 71 transactions will have the following transactions listed: X19, X90, 01 and 71. The 65 transactions will have the following transactions listed: 01 and 65. The Equipment file ECNs will have the following transactions listed: 01 and X90.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
ND4210PA	Change Transaction	Program
ND4210TB	Change Transaction Text	Text
NDXNEMSA	Non-Controlled to Controlled	Subpgm

APPENDIX D - INSTALLATION INSTRUCTIONS AND CHECKLIST FOR NPDMS SOFTWARE RELEASE 3.1

Introduction

Release information:

System Name: NPDMS
Release Number: 3.1
Release Date: August 30, 2002
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

***** IMPORTANT NOTE *****

All release datasets must be deleted from the transient storage DASD volumes within 1 month of the release date. Failure to delete release datasets could negatively impact NPPS production.

The following datasets are located on the transient storage DASD volumes under the following data sets names:

xxMOV.NPDMS.PROD.R310.R0802.ERR
xxMOV.NPDMS.PROD.R310.R0802.PRD
xxMOV.NPDMS.PROD.R310.R0802.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

NOTE: All centers **MUST** implement the new 110 report on September 30, 2002. If these programs (NDR110PA and NDR110PB) are loaded before September 30, 2002, then you must **NOT** send a dataset to GSA until September 30, 2002. Should a dataset accidentally get sent, your cases will be rejected until September 30, 2002. If these programs (NDR110PA and NDR110PB) are **NOT** loaded by September 30, 2002, then you must **NOT** send a dataset after September 30, 2002. Should a dataset accidentally get sent, your cases will be rejected until the new programs (NDR110PA and NDR110PB) are loaded.

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
- 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

2.1 Copy Source Code

Load the NPDMS source library from dataset:

xxMOV.NPDMS.PROD.R310.R0802.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	20
MAPS	23
HELP ROUTINES	0
SUBROUTINES	0
SUBPROGRAMS	9
PROGRAMS	39
COPYCODE	0
TEXT	2
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	93

2.2 List of Source Code Modifications

The following are the modules added, modified, and deleted.

Added Modules:

- | | |
|--------------|---------|
| 1. ND2200MF | Map |
| 2. ND4110MO | Map |
| 3. NDTABLA | Local |
| 4. NDTEXTLA | Local |
| 5. NDTXNHLA | Local |
| 6. NDTXNLA | Local |
| 7. NDU050PA | Program |
| 8. NDU051PA | Program |
| 9. NDUDNLP3 | Program |
| 10. NDUDNLP4 | Program |
| 11. NDUDNLP5 | Program |
| 12. NDUUPLP3 | Program |
| 13. NDUUPLP4 | Program |
| 14. NDUUPLP5 | Program |

Changed Modules:

- | | |
|---------------------|----------------|
| 1. ND2200PA | Program |
| 2. ND2300MB | Map |
| 3. ND2300PA | Program |
| 4. ND3015MA | Map |
| 5. ND3015PA | Program |
| 6. ND3050MA | Map |
| 7. ND3050MC | Map |
| 8. ND3050PA | Program |
| 9. ND3050PB | Program |
| 10. ND3051MA | Map |
| 11. ND3051MB | Map |
| 12. ND3051PA | Program |
| 13. ND3051PB | Program |
| 14. ND4000PB | Program |
| 15. ND4000PC | Program |
| 16. ND4110AA | Local |
| 17. ND4110MB | Map |
| 18. ND4110MC | Map |
| 19. ND4110PA | Program |
| 20. ND4110TB | Text |
| 21. ND4210AA | Local |
| 22. ND4210NA | Subprogram |
| 23. ND4210PA | Program |
| 24. ND4210TB | Text |
| 25. ND4700LA | Local |

26.ND4700PA	Program
27.ND4800PA	Program
28.ND4930MA	Map
29.ND4930MB	Map
30.ND4930PA	Program
31.ND4960PA	Program
32.ND5115MA	Map
33.ND5115PA	Program
34.ND5119MA	Map
35.NDCASELA	Local
36.NDCASHLA	Local
37.NDNEMSLA	Local
38.NDO000PA	Program
39.NDR006PA	Program
40.NDR007PA	Program
41.NDR016LA	Local
42.NDR016MA	Map
43.NDR016MB	Map
44.NDR016MC	Map
45.NDR016ME	Map
46.NDR016MF	Map
47.NDR016MG	Map
48.NDR016MH	Map
49.NDR016MY	Map
50.NDR016PB	Program
51.NDR016PC	Program
52.NDR016PD	Program
53.NDR024PA	Program
54.NDR025PA	Program
55.NDR026PA	Program
56.NDR110PA	Program
57.NDR110PB	Program
58.NDT050LA	Local
59.NDT051LA	Local
60.NDTXA5LA	Local
61.NDTXAELA	Local
62.NDTXALA	Local
63.NDTXATLA	Local
64.NDTXHDLB	Local
65.NDTXHELA	Local
66.NDTXHLA	Local
67.NDUY2KMB	Map
68.NDX471NA	Subprogram
69.NDX472NA	Subprogram
70.NDXCSUNA	Subprogram
71.NDXCSUPA	Program

72.NDXHSTNA	Subprogram
73.NDXHSTPA	Program
74.NDXNEMNA	Subprogram
75.NDXNEMNB	Subprogram
76.NDXNEMPA	Program
77.NDXNEMSA	Subprogram
78.NDM100PA	Program
79.ND5100NA	Subprogram

Deleted Modules:

There are no modules deleted with this release.

3.0 Pre-Predict Data Conversion

NDUDNLP3, NDUDNLP4 and NDUDNLP5 need to be run (batch) before installing the PREDICT dataset. These programs will unload ND-TRANSACTION, ND-TRANS-HIST and ND-TABLE data into workfiles. An example of the JCL is included in Section 8.0.

4.0 Install Predict

4.1 Data Dictionary Changes

This release will include the new enhancements for Version 3.1.0. 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-3.1.0.

Use SYSDICBE to load the PREDICT modifications from the dataset:
xxMOV.NPDMS.PROD.R310.R0802.PRD.

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

- ND-CASE
- ND-CASE-HIST
- ND-TABLE
- ND-TRANS-HIST
- ND-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/Help files	-	1
ADABAS Files and Views	-	5

4.1.2 Storage Considerations

Not applicable with this release.

4.1.3 Physical File Changes

Add the following fields:

ND-CASE		File #	248						
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*- -	-	-----	*- -	-----	-----	*	*	--	*
1		INST-RPTNG-POC-EMAIL-ADRS	A	64.0				FV	N
1		PROP-LCTN-PODI-EMAIL-ADRS	A	64.0				FW	N

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=248
ADADBS FNDEF='01,FV,64,A,NU'
ADADBS FNDEF='01,FW,64,A,NU'
/*
```

Add the following fields:

ND-CASE-HIST		File #	252						
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*- -	-	-----	*- -	-----	-----	*	*	--	*
1		INST-RPTNG-POC-EMAIL-ADRS	A	64.0				FP	N
1		PROP-LCTN-PODI-EMAIL-ADRS	A	64.0				FQ	N

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=252
ADADBS FNDEF='01,FP,64,A,NU'
ADADBS FNDEF='01,FQ,64,A,NU'
/*
```

Delete and rebuild (empty) the following files using the new PREDICT documentation:

```
ND-TABLE          File # 249
ND-TRANS-HIST    File # 251
ND-TRANSACTION   File # 250
```

Due to the following PREDICT modifications:

```
ND-TABLE                      File # 249
  Ty L Field ID                F Length  Occ  D U DB S
  *- - -----*-----*-----* * * -- *
      3 POC-EMAIL-ADRS          A   64.0          FQ N
      3 PODI-EMAIL-ADRS         A   64.0          FR N
```

```
ND-TRANS-HIST                 File # 251
  Ty L Field ID                F Length  Occ  D U DB S
  *- - -----*-----*-----* * * -- *
      4 PROP-SALE-GSA-FEE-AMT    P   10.2          JO N
      1 INST-RPTNG-POC-EMAIL-ADRS A   64.0          IQ N
      1 PROP-LCTN-PODI-EMAIL-ADRS A   64.0          JA N
```

```
ND-TRANSACTION                 File # 250
  Ty L Field ID                F Length  Occ  D U DB S
  *- - -----*-----*-----* * * -- *
      4 PROP-SALE-GSA-FEE-AMT    P   10.2          JM N
      1 INST-RPTNG-POC-EMAIL-ADRS A   64.0          HR N
      1 PROP-LCTN-PODI-EMAIL-ADRS A   64.0          IQ 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

NDUUPLP3, NDUUPLP4 and NDUUPLP5 need to be run (batch) after installing the PREDICT dataset. These programs will upload ND-TRANSACTION, ND-TRANS-HIST and ND-TABLE data from the workfiles created during the Pre-Predict Data Conversion. An example of the JCL is included in Section 8.0.

7.0 Perform Release-Specific Procedures

7.1 Load Natural Error Messages

Load error messages from the NASA Distribution data set xxMOV.NPDMS.PROD.REL310.R0802.ERR, using the NATURAL SYSERR utility ERRLODUS. This release contains 806 error messages, which will load to the library NPDMS. For additional information concerning SYSERR, refer to the NATURAL 2 Administrator's Manual.

7.2 Run NDU050PA and NDU051PA

NDU050PA and NDU051PA can be run either batch or online. Please read the instructions at the top of the program (about adding the installation number and email address). These programs will update your current installation center profile and reporting agency information.

8.0 Local JCL Mods

The following change should be made to the source JCL. The updated JCL should then be loaded into the NPDMS library. The following is an example of the JCL. (NOTE: The information in BOLD is the added or changed information.) Do **NOT** make the JCL changes until September 30, 2002 (This change is for the new fields for GSA).

```
000356 140R110PA2001 //CMWKF01 DD DSN=MSIRM.NPDMDD.GSA.TRANSFER,
000357 140R110PA2002 //          DISP=(,CATLG,DELETE),
000358 140R110PA2003 //          DCB=(RECFM=FB,LRECL=998,BLKSIZE=9980),
000359 140R110PA2004 //          SPACE=(TRK,(5,3),RLSE),
000360 140R110PA2005 //          UNIT=SYSDA
000361 140R110PA2501 //CMPRINT DD DSN=#FILENAME#,
000362 140R110PA2502 //          DISP=OLD
000363 140R110PA2503 //CMPRT01 DD DSN=#FILENAME#,
000364 140R110PA2504 //          DISP=OLD
000365 140R110PA2505 //CMWKF01 DD DSN=MSIRM.NPDMDD.GSA.TRANSFER,
000366 140R110PA2506 //          DISP=(,CATLG,DELETE),
000367 140R110PA2507 //          DCB=(RECFM=FB,LRECL=998,BLKSIZE=9980),
000368 140R110PA2508 //          SPACE=(TRK,(5,3),RLSE),
```

000369 140R110PA2509 // UNIT=SYSDA

JCL for downloads:

```
000001 //IRNKKDN JOB (MSIRNPD004,MG-2),'DOWNLOAD',CLASS=D,
000002 //          NOTIFY=MSKKF,MSGLEVEL=(1,1),MSGCLASS=A
000003 //*
000004 //*
000005 //STEP03 EXEC N01Z
000006 //CMPRINT DD SYSOUT=(A,P3103102)
000007 //CMWKF03 DD DSN=MSIRM.NPDMDD.TRANS,
000008 //          DISP=(NEW,CATLG,),
000009 //          DCB=(RECFM=FB),
000010 //          SPACE=(CYL,(20,20),RLSE),
000011 //          UNIT=SYSDA
000012 //CMSYNIN DD *
000013 NDDEVL,MSKKF
000014 %*
000015 MSKKF
000016 NDUDNLP3
000017 FIN
000018 /*
000019 /*
000020 //STEP04 EXEC N01Z
000021 //CMPRINT DD SYSOUT=(A,P3103102)
000022 //CMWKF04 DD DSN=MSIRM.NPDMDD.TRANS.HIST,
000023 //          DISP=(NEW,CATLG,),
000024 //          DCB=(RECFM=FB),
000025 //          SPACE=(CYL,(10,10),RLSE),
000026 //          UNIT=SYSDA
000027 //CMSYNIN DD *
000028 NDDEVL,MSKKF
000029 %*
000030 MSKKF
000031 NDUDNLP4
000032 FIN
000033 /*
000034 /*
000035 //STEP05 EXEC N01Z
000036 //CMPRINT DD SYSOUT=(A,P3103102)
000037 //CMWKF05 DD DSN=MSIRM.NPDMDD.TABLE,
000038 //          DISP=(NEW,CATLG,),
000039 //          DCB=(RECFM=FB),
000040 //          SPACE=(CYL,(10,10),RLSE),
000041 //          UNIT=SYSDA
000042 //CMSYNIN DD *
000043 NDDEVL,MSKKF
```

```
000044 %*
000045 MSKKF
000046 NDUDNLP5
000047 FIN
000048 /*
000049 /**
```

JCL for Uploads:

```
000001 //IRNKKDN JOB (MSIRNPD004,MG-2),'UPLOAD',CLASS=D,
000002 //          NOTIFY=MSKKF,MSGLEVEL=(1,1),MSGCLASS=A
000003 /**
000004 //STEP03 EXEC N01Z
000005 //CMPRINT DD SYSOUT=(A,P3103102)
000006 //CMWKF03 DD DSN=MSIRM.NPDMDD.TRANS,
000007 //          DISP=(SHR,KEEP,KEEP)
000008 //CMSYNIN DD *
000009 NDDEVL,MSKKF
000010 %*
000011 MSKKF
000012 NDUUPLP3
000013 FIN
000014 /*
000015 /**
000016 //STEP04 EXEC N01Z
000017 //CMPRINT DD SYSOUT=(A,P3103102)
000018 //CMWKF04 DD DSN=MSIRM.NPDMDD.TRANS.HIST,
000019 //          DISP=(SHR,KEEP,KEEP)
000020 //CMSYNIN DD *
000021 NDDEVL,MSKKF
000022 %*
000023 MSKKF
000024 NDUUPLP4
000025 FIN
000026 /*
000027 /**
000028 //STEP05 EXEC N01Z
000029 //CMPRINT DD SYSOUT=(A,P3103102)
000030 //CMWKF05 DD DSN=MSIRM.NPDMDD.TABLE,
000031 //          DISP=(SHR,KEEP,KEEP)
000032 //CMSYNIN DD *
000033 NDDEVL,MSKKF
000034 %*
000035 MSKKF
000036 NDUUPLP5
000037 FIN
000038 /*
```

9.0 Installation Checklist

- 1.0 Back Up Existing Data
- 2.0 Copy Source
 - 2.1 Copy Source Code
 - 2.2 List of Source Code Modifications
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