

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

Release 1.4.2

NASA-NPDMS-VDD-13

PrISMS Contract

April 1997



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

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NASA PROPERTY DISPOSAL MANAGEMENT SYSTEM (NPDMS)
RELEASE 1.4.2**

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

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RELEASE 1.4.2**

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

April 1997

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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 release is for the General Services Administration (GSA) transmittal process at Headquarters only. 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 1.4.2 and has an effective release date of April 1997.

1.2 PURPOSE OF THE RELEASE

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

<u>CCR</u>	<u>Title</u>
306	Add JPL to automated GSA process
310	Duplicate data sets to GSA
330	Change the required data to implement the moving of the GSA data center from Kansas City to Ft. Worth, Texas

1.3 SCOPE

This VDD provides the functional and technical user of NPDMS with information regarding the contents, status, and structure of Release 1.4.2, including the following:

- Changes implemented since Release 1.4.1.
- 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 function and/or the technical aspects as well as the installation of this release should be directed to:

NACC Technical Services Center (Use the Key Words SESAAS and NPDMS)

Telephone: (205) 544-6673

Email: jim.crowell@msfc.nasa.gov

FAX: (205) 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 release has no functional impact on interfaces with any NASA application.

2.3 CRITICAL ISSUES

This section is not applicable for this release.

2.4 AFFECTED DOCUMENTS

No documents are affected by this release.

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 systems interface issues with this release.

3.2 DATA DICTIONARY CHANGES

There are no data dictionary changes in this release.

3.3 SOFTWARE OBJECT CHANGES

Modules affected by this release are included in Appendix D, Section 2.2.

3.4 DATABASE ADMINISTRATION

This section describes the database administration activities for installation of this release.

3.4.1 Release Dataset Names

Refer to Appendix D, Introduction section, for the release dataset names.

3.4.2 Inventory of Objects

Refer to Appendix D, Paragraph 2.1, for an inventory of Natural object types.

3.4.3 Storage Considerations

The changes represented by this release should not affect storage requirements.

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions for NPDMS Software Release 1.4.2 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

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

4. **KNOWN AND OPEN PROBLEMS**

The 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
FAX	Electronic Facsimile Transmission
GSA	General Services Administration
IRM	Information Resources Management
JCL	Job Control Language
JPL	Jet Propulsion Lab
MSFC	Marshall Space Flight Center
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NASA	National Aeronautics and Space Administration
NPDMS	NASA Property Disposal Management System
SESAAS	Sustaining Engineering Support for Agency wide 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.	306	Add JPL to automated GSA process
2.	310	Duplicate data sets to GSA
3.	330	Change the required data to implement the moving of the GSA data center from Kansas City to Ft. Worth, Texas.

Details for the validation procedures follow:

1.0 CCR 306 (Add JPL to the Automated GSA Transmission Process)

JPL needs to transmit their GSA Transactions using the automated process in NPDMS. The process is currently manual.

Description of Change

JPL was added to the consolidated GSA transmission.

Functional Impact

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

Validation Procedures

- Validate that the JPL data is included in the transmission to GSA and that the JPL counts show up in the report listing the total number of records and cases.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
NDMGAPB	GSA Datasets Concatenation	Program	306
NDMGAPC	GSA Datasets Concatenation	Program	306

2.0 CCR 310 (Duplicate Data Sets to GSA)

Headquarters does not have an automated process in place to eliminate duplicate case records being transmitted to GSA

Description of Change

Edits were put into place to check for duplicate transmissions to GSA.

Functional Impact

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

Validation Procedures

- Validate if a center has a duplicate transmission in its dataset that one of the transmissions is rejected (written to an error report) and is not sent to GSA.
- Validate if a center has a partial or incomplete transmission (missing 'X' record or missing 'Y' record) in its dataset that the data is rejected (written to an error report) and is not sent to GSA.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
NDMGSAPE	Duplicate check for GSA transmission	Program	310

3.0 CCR 330 (Change the required data to implement the moving of the GSA data center from Kansas City to Ft. Worth, Texas).

GSA data center is moving from Kansas City to Ft. Worth, TX. Change the FTP address, ID, and password to the new values.

Description of Change

FTP address was changed from 159.142.66.194 to 159.142.77.194. The ID was changed from FTP to FTPNASA. The password was changed from RAPIDO to FEDS.

Functional Impact

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

Validation Procedures

Validate that FTP transmission is received in Ft. Worth, TX.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>	<u>CCR#</u>
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None

Appendix D - INSTALLATION INSTRUCTIONS AND CHECKLIST FOR NPDMS SOFTWARE RELEASE 1.4.2

Introduction

Release information:

System Name: NPDMS
Release Number: 1.4.2
Release Date: April 1997
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: (205) 544-6673

Email: jim.crowell@msfc.nasa.gov

FAX: (205) 544-1836

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

- AIMS.NPDMS.PROD.REL142.REL0497.SRC
- AIMS.NPDMS.PROD.REL142.REL0497.DOC

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 AIMS.NPDMS.PROD.REL142.REL0497.SRC. The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library, 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	0
MAPS	0
HELP ROUTINES	0
SUBROUTINES	0
SUBPROGRAMS	0
PROGRAMS	3
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	3

2.2 List of Source Code Modifications

The following are the modules added, modified and deleted.

Added Modules

1. NDMGSAPE Duplicate check for GSA transmission

Changed Modules

1. NDMGSAPB GSA Datasets Concatenation
2. NDMGSAPC GSA Datasets Concatenation

Deleted Modules

There are no modules deleted with this release.

2.3 Copy Object Modules

There are no copy object modules with this release.

3.0 Pre-Predict Data Conversion

Not applicable with this release.

4.0 Install Predict

Not applicable with this release.

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

There is no post-Predict data conversion required.

7.0 Perform Release-Specific Procedures

There are no release specific procedures for this release.

8.0 Local JCL Mods

The following flat file needs to be created:

```
NPDM.JPL.GSA.XFER
```

The following generational data set needs to be built with 31 generations:

```
NPDM.JPL.GSA.GDG.DATA  
NPDM.GSA.XFER.LOG
```

Create NPDM.SYSIN(NPDMDUPE) with the following:

```
%*  
NPDMS,NPDMBTCH,NPDMBTCH  
NDMGSAPE  
FIN
```

The JCL in USER.JOBSCHED.CNTL(NPDMGSA2) needs to be modified and then copied to OPNS.JOBSCHED.CNTL(NPDMGSA2) to the following:

```

//NPDMGSA2 JOB (JTSNPDMG),'NPDM',CLASS=T,MSGCLASS=Q,
// NOTIFY=GSFCDBD,PERFORM=1,REGION=8142K
//*
//ND01 EXEC NATBATA,PARM=('IM=D,SYS=CENT')
//CMWKF01 DD DSN=NPDM.LARC.GSA.XFER,DISP=OLD
//CMWKF02 DD DSN=NPDM.ARC.GSA.XFER,DISP=OLD
//CMWKF03 DD DSN=NPDM.DFRF.GSA.XFER,DISP=OLD
//CMWKF04 DD DSN=NPDM.LERC.GSA.XFER,DISP=OLD
//CMWKF05 DD DSN=NPDM.GSFC.GSA.XFER,DISP=OLD
//CMWKF06 DD DSN=NPDM.MSFC.GSA.XFER,DISP=OLD
//CMWKF07 DD DSN=NPDM.JSC.GSA.XFER,DISP=OLD
//CMWKF08 DD DSN=NPDM.WSTF.GSA.XFER,DISP=OLD
//CMWKF09 DD DSN=NPDM.KSC.GSA.XFER,DISP=OLD
//CMWKF10 DD DSN=NPDM.SSC.GSA.XFER,DISP=OLD
//CMWKF11 DD DSN=NPDM.JPL.GSA.XFER,DISP=OLD
//CMWKF12 DD DSN=&&LARC,DISP=(NEW,PASS),
// DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
// SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA
//CMWKF13 DD DSN=&&ARC,DISP=(NEW,PASS),
// DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
// SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA
//CMWKF14 DD DSN=&&DFRF,DISP=(NEW,PASS),
// DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
// SPACE=(TRK,(99,99),RLSE)
//CMWKF15 DD DSN=&&LERC,DISP=(NEW,PASS),
// DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
// SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA
//CMWKF16 DD DSN=&&GSFC,DISP=(NEW,PASS),
// DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
// SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA

```

```

//CMWKF17 DD DSN=&&MSFC,DISP=(NEW,PASS),
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA
//CMWKF18 DD DSN=&&JSC,DISP=(NEW,PASS),
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA
//CMWKF19 DD DSN=&&WSTF,DISP=(NEW,PASS),
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA
//CMWKF20 DD DSN=&&KSC,DISP=(NEW,PASS),
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA
//CMWKF21 DD DSN=&&SSC,DISP=(NEW,PASS),
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA
//CMWKF22 DD DSN=&&JPL,DISP=(NEW,PASS),
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA
//CMWKF23 DD DSN= NPDM.GSA.XFER.LOG(+1),UNIT=SYSDA,
//      DISP=(NEW,CATLG,DELETE),DCB=(MSIRM.NPDMDD.GDGMODL,
//      RECFM=FB,LRECL=80,BLKSIZE=6320),SPACE=(TRK,(99,99),RLSE)
//SYSIN  DD DSN=NPDM.SYSIN(NPDMDUPE),DISP=SHR
//*
//ND02  EXEC NATBATA,PARM=('IM=D,SYS=CENT')
//CMWKF01 DD DSN=&&LARC,DISP=OLD,
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA)
//CMWKF02 DD DSN=&&ARC,DISP=OLD,
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA)
//CMWKF03 DD DSN=&&DFRF,DISP=OLD,

```

```

//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA)
//CMWK04 DD DSN=##LERC,DISP=OLD,
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA)
//CMWK05 DD DSN=##GSFC,DISP=OLD,
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA)
//CMWK06 DD DSN=##MSFC,DISP=OLD,
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA)
//CMWK07 DD DSN=##JSC,DISP=OLD,
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA)
//CMWK08 DD DSN=##WSTF,DISP=OLD,
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA)
//CMWK09 DD DSN=##KSC,DISP=OLD,
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA)
//CMWK10 DD DSN=##SSC,DISP=OLD,
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA)
//CMWK11 DD DSN=##JPL,DISP=OLD,
//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=SYSDA)
//CMWK12 DD DSN=NPDM.GSA.CONOLID.DATA(+1),DISP=(NEW,CATLG,DELETE),
//      DCB=(SYS1.GDGMODEL,RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=DISK
//CMWK13 DD DSN=NPDM.LARC.GSA.GDG.DATA(+1),DISP=(NEW,CATLG,DELETE),
//      DCB=(SYS1.GDGMODEL,RECFM=FB,LRECL=80,BLKSIZE=6320),

```

```

//      SPACE=(TRK,(99,99),RLSE),UNIT=DISK
//CMWK14 DD DSN=NPDM.ARC.GSA.GDG.DATA(+1),DISP=(NEW,CATLG,DELETE),
//      DCB=(SYS1.GDGMODEL,RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=DISK
//CMWK15 DD DSN=NPDM.DFRF.GSA.GDG.DATA(+1),DISP=(NEW,CATLG,DELETE),
//      DCB=(SYS1.GDGMODEL,RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=DISK
//CMWK16 DD DSN=NPDM.LERC.GSA.GDG.DATA(+1),DISP=(NEW,CATLG,DELETE),
//      DCB=(SYS1.GDGMODEL,RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=DISK
//CMWK17 DD DSN=NPDM.GSFC.GSA.GDG.DATA(+1),DISP=(NEW,CATLG,DELETE),
//      DCB=(SYS1.GDGMODEL,RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=DISK
//CMWK18 DD DSN=NPDM.MSFC.GSA.GDG.DATA(+1),DISP=(NEW,CATLG,DELETE),
//      DCB=(SYS1.GDGMODEL,RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=DISK
//CMWK19 DD DSN=NPDM.JSC.GSA.GDG.DATA(+1),DISP=(NEW,CATLG,DELETE),
//      DCB=(SYS1.GDGMODEL,RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=DISK
//CMWK20 DD DSN=NPDM.WSTF.GSA.GDG.DATA(+1),DISP=(NEW,CATLG,DELETE),
//      DCB=(SYS1.GDGMODEL,RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=DISK
//CMWK21 DD DSN=NPDM.KSC.GSA.GDG.DATA(+1),DISP=(NEW,CATLG,DELETE),
//      DCB=(SYS1.GDGMODEL,RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=DISK
//CMWK22 DD DSN=NPDM.SSC.GSA.GDG.DATA(+1),DISP=(NEW,CATLG,DELETE),
//      DCB=(SYS1.GDGMODEL,RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=DISK
//CMWK23 DD DSN=NPDM.JPL.GSA.GDG.DATA(+1),DISP=(NEW,CATLG,DELETE),
//      DCB=(SYS1.GDGMODEL,RECFM=FB,LRECL=80,BLKSIZE=6320),
//      SPACE=(TRK,(99,99),RLSE),UNIT=DISK

```

```

//SYSIN DD DSN=NPDM.SYSIN(NPDMGSA2),DISP=SHR
//*
//ND03 EXEC PGM=FTP,COND=(4,LE),PARM='(EXIT'
//SYSUDUMP DD SYSOUT=*
//SYSPRINT DD SYSOUT=*
//FTPSLOG DD SYSOUT=*
//FTPOUT DD SYSOUT=*
//SYSIN DD DSN=NPDM.SYSIN(GSAXMIT),DISP=SHR
//*
//ND04 EXEC NATBATA,PARM=('IM=D,SYS=CENT'),COND=(4,LE)
//CMWKF01 DD DSN=NPDM.LARC.GSA.XFER,DISP=OLD
//CMWKF02 DD DSN=NPDM.ARC.GSA.XFER,DISP=OLD
//CMWKF03 DD DSN=NPDM.DFRF.GSA.XFER,DISP=OLD
//CMWKF04 DD DSN=NPDM.LERC.GSA.XFER,DISP=OLD
//CMWKF05 DD DSN=NPDM.GSFC.GSA.XFER,DISP=OLD
//CMWKF06 DD DSN=NPDM.MSFC.GSA.XFER,DISP=OLD
//CMWKF07 DD DSN=NPDM.JSC.GSA.XFER,DISP=OLD
//CMWKF08 DD DSN=NPDM.WSTF.GSA.XFER,DISP=OLD
//CMWKF09 DD DSN=NPDM.KSC.GSA.XFER,DISP=OLD
//CMWKF10 DD DSN=NPDM.SSC.GSA.XFER,DISP=OLD
//CMWKF11 DD DSN=NPDM.JPL.GSA.XFER,DISP=OLD
//SYSIN DD DSN=NPDM.SYSIN(NPDMGSA3),DISP=SHR
//

```

9.0 Installation Checklist

- 1.0 Back Up Existing Data
- 2.1 Copy Source Code
- 5.0 Catalog Source Code
- 8.0 Local JCL Mods