

**VERSION DESCRIPTION DOCUMENT
FOR THE
CONSOLIDATED AGENCY
PERSONNEL/PAYROLL SYSTEM**

Software Release

4.6

PrISMS Contract

08/15/01



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, Alabama 35812

**VERSION DESCRIPTION DOCUMENT
FOR THE
CONSOLIDATED AGENCY PERSONNEL/PAYROLL SYSTEM
SOFTWARE RELEASE 4.6**

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GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

August 15, 2001

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CONSOLIDATED AGENCY PERSONNEL/PAYROLL SYSTEM
SOFTWARE RELEASE 4.6**

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

August 15, 2001

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 OF THE RELEASE	1 - 1
1.4 CONTACT POINTS.....	1 - 1
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 - 2
3.4.4 INSTALLATION PROCEDURES	3 - 2
3.5 OPERATIONAL PREPARATION	3 - 2

APPENDICES

Appendix		Page
A	ABBREVIATIONS AND ACRONYMS	A - 1
B	GLOSSARY	B - 1
C	FUNCTIONAL CHANGE VALIDATION PROCEDURES	C - 1
D	INSTALLATION INSTRUCTIONS.....	D - 1

1. INTRODUCTION

This Version Description Document (VDD) identifies the exact version of the Consolidated Agency Personnel/Payroll System (CAPPS) software released for installation/implementation.

1.1 IDENTIFICATION OF THE RELEASE

System Name – CAPPS

Release Number – Software Release 4.6

Support of the previous release expires 30 days after the scheduled release date. This release must be implemented before processing center submissions for pay period ending August 11, 2001.

1.2 PURPOSE OF THE RELEASE

The purpose of this release is to implement the CAPPS software allocated for this release. The detailed description of the release is specified in Appendix C, Functional Change Validation Procedures.

1.3 SCOPE OF THE RELEASE

The VDD provides the functional and technical user of CAPPS with the following information regarding changes to the contents and status of the application, CAPPS Release 4.6, including the following:

- Changes implemented since the last release
- References to other documents affected by this release
- Changes to application files and data formats
- Detailed software installation procedures
- Validation procedures to ensure the reliability of the software changes.

1.4 CONTACT POINTS

Sustaining Engineering Support for Agencywide Administrative Systems (SESAAS) provides sustaining engineering for CAPPS through the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center 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:

The NACC Technical Services Center (use the following Key Words: SESAAS & CAPPS)

Telephone: (256) 544-5516

E-Mail: billy.graham@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 Predict changes related to this release.

2.2 FUNCTIONAL INTERFACES

Not Applicable

2.3 CRITICAL ISSUES

Not Applicable

2.4 AFFECTED DOCUMENTS

Not Applicable

2.5 APPLICATION SYSTEM ADMINISTRATION

Not Applicable

3. TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration.

3.1 TECHNICAL SYSTEM INTERFACES

Not Applicable

3.1.1 NPPS Interface

There are no changes to the NPPS Interface with this release.

3.1.2 OPM Interface

There are no changes to the OPM interface with this release.

3.2 DATA DICTIONARY CHANGES

Not Applicable

3.3 SOFTWARE OBJECT CHANGES

Modified programs are specified in Paragraph 3.2 of Appendix D, Installation Instructions.

3.4 DATABASE ADMINISTRATION

The specific database administration activities for CAPPS 4.6 are detailed in Appendix D, Installation Instructions.

3.4.1 Release Dataset Names

The datasets for Software Release 4.6 are included in the Introduction of Appendix D, Installation Instructions.

3.4.2 Inventory of Objects

An inventory of objects is described in Paragraph 3.2 of Appendix D, Installation Instructions.

3.4.3 Storage Considerations

Not Applicable

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions, for detailed installation procedures.

3.5 OPERATIONAL PREPARATION

Refer to the procedures described in Section 3.4.4 for assistance in preparing for proper installation and operational use of the release.

APPENDIX A
ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

ADP	Automated Data Processing
BJS	Batch Job Submitter
CAPPS	Consolidated Agency Personnel/Payroll System
DBA	Database Administrator
DDM	Data Definition Module
DR	Discrepancy Report
IRM	Information Resources Management
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA ADP Consolidation Center
NASA	National Aeronautics and Space Administration
RC	Requirements Change
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
SRS	System/Software Requirements Specification
UOG	User Operations Guide
VDD	Version Description Document

APPENDIX B
GLOSSARY

GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

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

Operational Preparation

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

System Administration

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

APPENDIX C
FUNCTIONAL CHANGE VALIDATION
PROCEDURES

VALIDATION PROCEDURES SOFTWARE RELEASE 4.6

1. 20010004

A. **Purpose:** To correct a CPDF status file problem, in which the position occupied is blank on occasion.

B. **Test Procedure:**

- 1) From the CAPPS Main Menu, go into the Batch Job Submitter, Job Scheduling, and Schedule Process.
- 2) Execute CP00001 (Accept Input from NDM) and CP00002 (Process Files) for the final pay period of a month. (CP00001 and CP00002 may need to be executed for multiple pay period(s) before the final pay period runs of a month can be executed.)
- 3) Execute CP00001 and CP00002 for a monthly run.

C. **Validation:**

- 1) Examine the CPDF status file that was output from the monthly run of CP00002. Verify that:
 - (1) The position occupied has not been changed from a non-blank value to a blank.
 - (2) When the incoming legal authority 1 code is 'ADM', 'CRK', 'CRN', 'JVM', 'J8P', 'J8R', 'J8V', 'KBM', 'MVM', 'N2M', 'N7M', 'WPM', 'WQM', 'WSM', 'WVM', 'WWM', 'W5M', 'YAM', 'YLM', 'ZOM', '101', or '510', the legal authority 1 code is now 'V2M' for an employee with pay plan 'ES' and 'ZLM' for an employee with pay plan that is not 'ES'.
 - (3) When the incoming legal authority 1 code is 'BPM', 'J8M', 'JYM', 'KDM', 'KHM', 'UFM', 'V8K', 'VEM', 'VPE', 'ZVM', 'H2L', 'KFM', or 'ZVB', or starts with 'T', 'W', 'X', or 'Y', and the position occupied is not '2', the legal authority 1 code is now 'V2M' for an employee with pay plan 'ES' and 'ZLM' for an employee with pay plan that is not 'ES'.

2. 20010005

A. **Purpose:** To extract SSN and PATCO data from CAPPS during each pay period and send to Dryden (DFRC) in a file.

B. **Test Procedure:**

- 1) From the CAPPS Main Menu, go into the Batch Job Submitter, Job Scheduling, and Schedule Process.

- 2) Execute CP00001 (Accept Input from NDM) and CP00002 (Process Files) for a pay period.
- 3) Execute CP00001 for a monthly.

NOTE: CP00001 and CP00002 may need to be executed for more than one pay period to prepare for the monthly.

C. Validation:

- 1) Verify that the generation data group extract file has been produced from CP00001, step STEP5B, during the pay period run but not the monthly run.
- 2) Verify that the records contain the SSN and PATCO values.

3. 20010006

A. Purpose: To change the print destination in CP00002 to U0558 for the SF113A and SF113G reports.

B. Test Procedure:

- 1) From the CAPPs Main Menu, go into the Batch Job Submitter, Job Scheduling, and Schedule Process.
- 2) Execute CP00001 (Accept Input from NDM) and CP00002 (Process Files) for a pay period.
- 3) Execute CP00001 and CP00002 for a monthly run.

NOTE: The SF113G is produced only during the monthly. Also, CP00001 and CP00002 may need to be executed for more than one pay period to prepare for the monthly.

C. Validation:

- 1) Verify that the reports went to the desired printer.

**CONSOLIDATED AGENCY PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
SOFTWARE RELEASE 4.6
August 2001**

The purpose of this release is to implement the changes allocated to software release 4.6 described below.

SOFTWARE RELEASE 4.6

RC 1620s IMPLEMENTED

20010004	Blank Position Occupied in CPDF Status File
20010005	PATCO Data Extract for Dryden (DFRC)
20010006	Change Print Destination for SF113 Reports

******* RECORD COUNT = 03**

DR 1620s IMPLEMENTED

******* RECORD COUNT = 00**

APPENDIX D
INSTALLATION INSTRUCTIONS

**CONSOLIDATED AGENCY PERSONNEL PAYROLL
SYSTEM
RELEASE DESCRIPTION
SOFTWARE RELEASE 4.6
August 2001**

Introduction

Release Date – August 15, 2001

Release Inventory:

Dataset Names:

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

- MSMOV.CAPPS.PROD.R460.R0801.SRC
- MSMOV.CAPPS.PROD.R460.R0801.DOC

Physical media:
VDD

In case of installation problems contact the NACC Technical Services Center (Use following Key Words: SESAAS & CAPPS):

Telephone: (256) 544-5516
E-Mail: billy.graham@msfc.nasa.gov
Fax: (256) 544-1836

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. Applicable sections are listed in the Installation Checklist.

- 1.0 Backup 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 JCL/BJIS Modifications
- 8.0 Special Instructions
- 9.0 Installation Checklist

1.0 BACKUP EXISTING DATA

It is advisable to back up all CAPPS files as a precautionary measure prior to installation of software release.

2.0 COPY SOURCE/OBJECT CODE

2.1 Copy Source Modules

When installing software release 4.6, load the CAPPS new and modified programs from dataset MSMOV.CAPPS.PROD.R460.R0801.SRC using the Natural utility NATLOAD. The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library CAPPS, 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 Areas	0
Local/Param Data Areas	0
Maps	0
Helproutines	0
Subroutines	0
Subprograms	0
Programs	4
Copycode	0
Text	0
Process	0
Miscellaneous Objects	0
=====	
Total Programming Objects	4
Total Views Unloaded	0
Total Objects Read	4
Total Object Unloaded	4

2.2 List of Source Code Modifications

The following is a list of all modules that were modified for the software release 4.6:

PROGRAM	DESCRIPTION
CAPP1120	Store CAPPs Status Data on the CAPPs-INPT-STS-FILE
CAPP2200	Store CAPPs-INPT-STS-FILE Data on the CAPPs-OPM-STS-FILE
CAPP3210	Create the OPM Status Extract File

RELEASE PROGRAMS (MOD) ==> 03

2.3 List of Source Code Additions

The following is a list of all modules that were added for the software release 4.6:

PROGRAM	DESCRIPTION
CAPP1180	Extract Data from the CAPPs-INPT-STS-FILE for Dryden

RELEASE PROGRAMS (ADD) ==> 01

2.4 List of Source Code Deletions

Not Applicable

3.0 PRE-PREDICT DATA CONVERSION

Not Applicable

4.0 INSTALL PREDICT

Not Applicable

5.0 CATALOG SOURCE CODES

When installing software release 4.6, run a batch job to catalog (CATALL) all modules in the CAPPs or other named library. It is not necessary to catalog the Global Data Area. The Batch standard parameters should be used for the compile.

After objects are compiled, the CAPPs application will run under the On-line standard parameters.

6.0 POST-PREDICT DATA CONVERSION

Not Applicable

7.0 JCL/BJS MODIFICATIONS

JCL

JP00001

STEP5:

BJSPC240 #QUE-ISN STEP 5 STARTED;STEP COMPLETES ON SCHDL TYPE:P/E

STEP5B (New):

```
//* PRODUCE SSN/PATCO FILE FOR DFRC - RELEASE 4.6 (08/2001) - NLC
```

```
//STEP5B EXEC N35Z,COND=((32,EQ),(37,EQ),(40,EQ)),TIME=10
```

```
//CMWKF01 DD DSN=AGAOH.CAPPP.CP00001.DFRC.PATCO(+1),
```

```
//      DISP=(,CATLG,DELETE),UNIT=SYSDA,
```

```
//      DCB=(RECFM=FB,LRECL=10,BLKSIZE=6600),
```

```
//      SPACE=(CYL,(20,10),RLSE)
```

```
//CMSYNIN DD *
```

```
CAPPPROD,CAPPBTCH
```

```
%*
```

```
CAPPBTCH
```

```
BJSPC240 #QUE-ISN STEP 5B STARTED;STEP COMPLETES ON SCHDL TYPE:P
```

```
BJSPC270 BJSCAPPSHQ #JOB-NO 16 CAPP1180 #QUE-ISN
```

```
BJSPC245 #QUE-ISN
```

```
FIN
```

JP00002

STEP11:

```
//CMPRT01 DD SYSOUT=7,DEST=U0558,
```

STEP12:

```
//CMPRT01 DD SYSOUT=7,DEST=U0558,
```

BJS

Not Applicable

8.0 SPECIAL INSTRUCTIONS

The following is a list of steps to update the CAPPs release number.

1. Execute program CAPP1525 from the Natural Command line.
2. Enter "04.6 0.00" when the program requests the release number.
3. Verify that the correct release number is displayed by viewing the CAPPs logo screen after logging on to CAPPs.

9.0 INSTALLATION CHECKLIST

- 1.0 Back Up Existing Data
- 2.0 Copy Source/Object Code
- 5.0 Catalog Source Code
- 7.0 JCL/BJs Modifications
- 8.0 Special Instructions