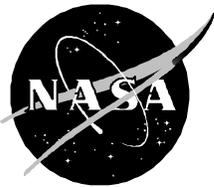


VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PERSONNEL/PAYROLL SYSTEM
Table Release 1.68

PrISMS Contract

December 1997



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PERSONNEL/PAYROLL SYSTEM
TABLES RELEASE 1.68

Prepared by

_____	<u>12/19/97</u>
Brenda Davis	Date
Technical Lead	

Reviewed by

_____	<u>12/19/97</u>	_____	<u>12/19/97</u>
Jim Joyner	Date	Ross Zorn	Date
Agencywide IRM, HR		Configuration Management	

_____	<u>12/19/97</u>	_____	<u>12/19/97</u>
Hector Garcia	Date	Richard Bishop	Date
Agencywide IRM		DBA	

Prepared by

Computer Sciences Corporation, Contract NAS8-60000
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

December 1997

VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PERSONNEL/PAYROLL SYSTEM
TABLES RELEASE 1.68

Approved by

	12/19/97
_____ Sheila Fogle Consolidation Center Project Manager	Date

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

December 1997

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 - 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 - 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 National Aeronautics and Space Administration (NASA) Personnel/Payroll System (NPPS) core tables released for installation/implementation.

1. 1 IDENTIFICATION OF THE RELEASE

System Name – NPPS

Release Number – Tables Release 1.68

Release Effective Date – December 19, 1997

Release Implementation Date - The table release must be implemented after initialization job CA00006 for payperiod starting December 7, 1997.

The release datasets will be made available to the production support DBA for installation, at which time all centers will be notified that it has been released.

1. 2 PURPOSE OF THE RELEASE

The purpose of this release is to implement the table changes allocated to Tables Release 1.68. 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 NPPS with the following information regarding changes to the contents and status of the application, NPPS Core Table Release 1.68, including the following:

- References to other documents affected by this release
- Changes to application files and data formats
- Validation procedures to ensure the reliability of the table changes.

1.4 Contact Points

Sustaining Engineering Support for Agencywide Administrative Systems (SESAAS) provides sustaining engineering for NPPS 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 following Key Words: SESAAS & NPPS)

Telephone: (205) 544-6673

E-Mail james.joyner@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 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 and database administration.

3. 1 TECHNICAL SYSTEM INTERFACES

Not Applicable

3. 2 DATA DICTIONARY CHANGES

Not Applicable

3. 3 SOFTWARE OBJECT CHANGES

Not Applicable

3. 4 DATABASE ADMINISTRATION

This section describes the database administration activities for NPPS.

3. 4.1 Release Dataset Names

The datasets for Core Table Release 1.68 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
CCR	Change Control Request
CNPPS	Consolidated NASA Personnel/Payroll System
CPO	Consolidated Payroll Office
CT	Compensatory Time
CTE	Compensatory Time Earned
CTU	Compensatory Time Used
DBA	Database Administrator
DR	Discrepancy Report
FAX	Electronic Facsimile Transmission
HQ	NASA Headquarters
HR	Human Resources
HRS	Hours
ICD	Interface Control Document
ID	Identification
IRM	Information Resources Management
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA ADP Consolidation Center
NASA	National Aeronautics and Space Administration
NDM	Network Data Mover
NOAC	Nature Of Action Code
NPPS	NASA Personnel/Payroll System
OPM	Office of Personnel Management

RC	Requirements Change
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
SRS	System/Software Requirements Specification
SSN	Social Security Number
T&A	Time and Attendance
TSP	Thrift Savings Plan
UOG	User and Operations Guide
VDD	Version Description Document
YTD	Year To Date

APPENDIX B
GLOSSARY

GLOSSARY

Consolidation Center

Responsibility for processing and balancing payroll for all centers in the consolidated database.

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a core table 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 TABLES RELEASE 1.68

97000141 TRETIR - Change FICA Max Deduction for Pay Year from \$4054.80 to \$4240.80.

Validation: Verify FICA Max \$ deduction changed for each Retirement Plan code.

97000142 TRETIR - Change FICA Max Salary in Retirement Plan Table for all Retirement Plans Codes from \$65,400 to \$68,400.

Validation: Verify FICA Max \$ limit changed for each Retirement Plan code.

97000153 THOLIDAY - Paid Holidays for 1998.

Validation: Verify Holidays identified within the Pay Period for 1998.

97000158 RAPPENDR - Add NOAC 765 to be used with Authority Code BWA.

Validation: Verify NOAC 765 is updated with Authority Code BWA.

97000159 TRETIR - TSP Year Max Deduction changed from \$9,500 to \$10,000.

Validation: Verify TSP Max deduction changed for each Retirement Plan code.

97000160 TMILINT - The interest rate on Military Deposit accounts changed from 0.06875 to 0.0675.

Validation: Verify Interest Rate for 1998 in Military Interest Rate Table is updated.

97000162 TTAX - Change Federal tax withholding allowance amounts for 1998.

Validation: Verify Federal tax withholding allowance amounts in TTAX have been modified for 1998.

97000163 TEIC - Update Earned Income Credit with 1998 rates.

Validation: Verify EIC Limits and rates updated.

97000164 TSALSTEP - AMES Wage Board Salary Increase

Validation: Verify hourly rates updated for Pay Plans WD; WG; WL; WN; WS.

RSLQ - Change Upper Salary Limit to \$29.92

Validation: Verify Salary Limit modified.

97000166 TSALSTEP - Dryden Wage Board Salary Increase

Validation: Verify hourly rates updated for Pay Plans WD; WG; WL; WN; WS.

97000167 TSALSTEP - Goddard Wage Board Salary Increase

Validation: Verify hourly rates updated for Pay Plans WD; WG; WL; WN; WS and delete pay tables for Pay Plan XDH; XLH; XNH; XPH;XSH

NASA PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
TABLES RELEASE 1.68

CONTROL NUMBER	REL NO	TITLE
97000141	1.68	TRETIR FICA MAX DEDUCT
97000142	1.68	TRETIR FICA MAX SALARY
97000153	1.68	THOLIDAY 1998 PAY YEAR HOLS
97000158	1.68	RAPPENDR ADD LEGAL AUTH BWA NOAC 765
97000159	1.68	TRETIR TSP MAX
97000160	1.68	TMILINT 1998 MIL INT DEP
97000162	1.68	TTAX 1998 IRS INCOME TAX WITHHOLD
97000163	1.68	TEIC EARNED INCOME CREDIT
97000164	1.68	TSALSTEP RSLQ AMES WAGE BOARD SALARY INCREASE
97000166	1.68	TSALSTEP DRYDEN WAGE BOARD SALARY INCREASE
97000167	1.68	TSALSTEP GODDARD WAGE BOARD SALARY INCREASE

***** RECORD COUNT = 11

APPENDIX D
INSTALLATION INSTRUCTIONS

INSTALLATION INSTRUCTIONS FOR NPPS CORE TABLE RELEASE 1.68

Introduction

Release Implementation Date

The table release must be implemented after initialization job CA00006 for payperiod starting December 7, 1997.

Release Inventory:

Dataset Names:

AIMS.NPPS.PROD.RELT168.REL1297.DOC

The allocation requirements for this dataset are:

VOLUME:	Site determined
ORG:	PO
RECFM:	FB
LRECL:	80
BLKSIZE:	4000
TRKS:	4

AIMS.NPPS.PROD.RELT168.REL1297.PERTB168

The allocation requirements for this dataset are:

VOLUME:	Site determined
ORG:	PS
RECFM:	VB
LRECL:	27994
BLKSIZE:	27998
TRKS:	23
RECORD COUNT:	19207

AIMS.NPPS.PROD.RELT168.REL1297.PAYTB168

The allocation requirements for this dataset are:

VOLUME:	Site determined
ORG:	PS
RECFM:	VB
LRECL:	27994
BLKSIZE:	27998
TRKS:	5
RECORD COUNT:	1759

Physical media:
VDD

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

Telephone: (205) 544-6673
E-Mail: james.joyner@msfc.nasa.gov
Fax: (205) 544-1836

Installation Sequence

Installation is to occur in the following sequence:

- 1.0 Backup Existing Data
- 2.0 Pre-Predict Data Conversion
- 3.0 Copy Source Code
- 4.0 Install Predict
- 5.0 Install Data Glossary
- 6.0 Catalog Source Code
- 7.0 Post-Predict Data Conversion
- 8.0 Install Core Tables
- 9.0 Install Modified Command Table
- 10.0 Install Modified JCL, Report Directory, and Job Directory
- 11.0 Installing XEROX Forms
- 12.0 Install Modified Help Screens
- 13.0 Special Instructions

1.0 BACKUP EXISTING DATA

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

2.0 PRE-PREDICT DATA CONVERSION

Not Applicable

3.0 COPY SOURCE

Not Applicable

4.0 INSTALL PREDICT

Not Applicable

4.1 Physical File Changes

Not Applicable

5.0 INSTALL DATA GLOSSARY

Not Applicable

6.0 CATALOG SOURCE CODES

Not Applicable

7.0 POST-PREDICT DATA CONVERSION

Not Applicable

8.0 INSTALL CORE TABLES

Perform the following procedures to implement the modifications to NPPS Core Tables release 1.68.

Load NPPS tables from AIMS.NPPS.PROD.RELT168.REL1297.PERTB168 into the ADABAS table files NPS2-PER-TABLES (file # 237) and AIMS.NPPS.PROD.RELT168.REL1297.PAYTB168 into the ADABAS table files NPS2-PAY-TABLES (file # 230) using ADABAS load utility ADALOD.

9.0 INSTALL MODIFIED COMMAND TABLE

Not Applicable

10.0 INSTALL MODIFIED JCL, REPORT DIRECTORY, AND JOB DIRECTORY

Not Applicable

10.6 Network Data Mover (NDM)

Not Applicable

11.0 INSTALLING XEROX FORMS

Not Applicable

12.0 INSTALL MODIFIED HELP SCREEN

Not Applicable

13.0 SPECIAL INSTRUCTIONS

13.1 UPDATE NORMAL BASE LINE

Execute normal recalculation job, NA00009 to recalculate the normal base line.

13.2 UPDATE NPPS RE LEASE NUMBER

The following process will update the NPPS table release number:

1. Execute program TOOLVRSN from the Natural Command line.
2. Enter "1.68" for table version number and latest version for software release..
3. Press ENTER; a confirmation message displays.
4. Press PF3 to exit the program.