

VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PERSONNEL/PAYROLL SYSTEM

Tables Release 1.89

PrISMS Contract

January 16, 2001



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 1.89**

Approved by

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01/16/01
Date

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

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1.0 INTRODUCTION

This Version Description Document (VDD) identifies the exact version of the National Aeronautics and Space Administration (NASA) Personnel/Payroll System (NPPS) software and NPPS core tables released for installation/implementation.

1.1 IDENTIFICATION OF RELEASE

System Name: NPPS

Release Number: Tables Release 1.89

Release Date: January 16, 2001

Release Effective Date: This release must be implemented after Payroll Initialization, CA00006, is run for the Pay Period ending January 17, 2001.

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 installed.

1.2 PURPOSE OF THE RELEASE

The purpose of this release is to implement the table changes allocated to table Release 1.89. The detailed description of the release is specified in Appendix C, Functional Change Validation Procedures and Description of All Changes.

1.3 SCOPE OF THE RELEASE

This release provides the functional and technical user of NPPS with information regarding changes to the content and status of the NPPS Tables Release 1.89, including the following:

- Changes to core tables since the last release
- Detailed table installation procedures
- Validation procedures to ensure the reliability of the table changes

No waivers are associated with this release.

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, using the following Key Words: SESAAS and NPPS.

Telephone: (256) 544-5516

E-mail: billy.graham@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

No functional changes have been made for this release. Validation Procedures and descriptions of all changes related to this release are included in Appendix C.

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

3.0 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

3.2 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 dataset names for Tables Release 1.89 have been provided to the production support DBA. The dataset names 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. Review member \$README in the data set for detailed table 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
DBA	Database Administrator
HR	Human Resources
IRM	Information Resources Management
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA ADP Consolidation Center
NASA	National Aeronautics and Space Administration
NPPS	NASA Personnel/Payroll System
RC	Requirements Change
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
VDD	Version Description Document

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 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
AND DESCRIPTION OF ALL CHANGES

VALIDATION PROCEDURES TABLES RELEASE 1.89

This release requires no functional change. The tables affected by this release are listed below, along with the applicable validation procedure.

1. **20000120** - TFEHB

- A. **Purpose:** To update FEHB rates and health plan names for year 2001.
- B. **Validation:** Access the TFEHB table and verify that the FEHB rates and names match the Non-Postal Premium Rates for the Federal Employees Health Benefits Program attachment (see CCR attachment).

2. **20000121** – TRETIR

- A. **Purpose:** To update the CSRS and FERS Employee Withholding Rates for 2001.
- B. **Validation:** Access the TRETIR table with the following retirement FICA codes and verify that the following employee withholding rates are present.
 - 1) C, K, N 0.0080
 - 2) E, M 0.0130
 - 3) R, 1 0.0700
 - 4) T, 6 0.0750

3. **20000122** – TSALSTEP

- A. **Purpose:** To add new special rate tables for certain information technology employees.
- B. **Validation:** Access the TSALSTEP table and verify that the salary rates are present for pay table codes 99B – 99F, steps 5, 7, 9, 11, 12, and 13.
- C. **Validation:** Access the TSALSTEP tables in the previous validation step and verify that the salary rates match the Special Salary Rate Table Number 999B – 999F for Certain Information Technology Employees document from OPM (see CCR attachment).

4. **20000123** – RAPPENDU

- A. **Purpose:** To add entries to support the new special salary tables to avoid erroneously receiving the SPK edit.
- B. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 012585089 is present, with 'CSC Series' 0334, 0854, and 1550 and 'Grade' 09, 11, 12, and 13. Series 1550 is only present for grade 13.
- C. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 061077029 is present, with 'CSC Series' 0334 and 0854 and 'Grade' 09, 11, 12, and 13.

- D. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 062205085 is present, with 'CSC Series' 0334, 0854, and 1550 and 'Grade' 09, 11, 12, and 13. Series 1550 is only present for grade 12 and 13.
 - E. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 110010001 ' 0334 and 'Grade' 09, 11, 12, and 13.
 - F. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 121567009 is present, with 'CSC Series' 0334 and 0854 and 'Grade' 07, 09, 11, 12, and 13. Grade 07 is only present for series 0854.
 - G. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 240710033 is present, with 'CSC Series' 0334, 0854, and 1550 and 'Grade' 07, 09, 11, 12, and 13. Grade 07 is only present for series 0334.
 - H. **Validation:** Access the RAPPENDU table, then verify 'Location Code' is present, with 'CSC Series' 0334 and 0854 and 'Grade' 09, 11, 12, and 13. Series 0854 is only present for Grade 13.
 - I. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 280130045 is present , with 'CSC Series' 0854 and 'Grade' 13.
 - J. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 350871013 is present , with 'CSC Series' 0854 and 'Grade' 13.
 - K. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 391680035 is present, with 'CSC Series' 0334, 0854, and 1550 and 'Grade' 09, 11, 12, and 13.
 - L. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 392560035 is present, with 'CSC Series' 0334 and 0854 and 'Grade' 09, 11, 12, and 13. Grade 13 is only present for Series 0854.
 - M. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 483280201 is present, with 'CSC Series' 0334 and 0854 and 'Grade' 07, 09, 11, 12, and 13.
 - N. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 511180650 is present, with 'CSC Series' 0334, 0854, and 1550 and 'Grade' 07, 09, 11, 12, and 13. Grade 07 is only present for series 0334 and 0854.
 - O. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 512564001 is present, with 'CSC Series' 0334 and 0854 and 'Grade' 07, 09, 11, 12, and 13. Grade 07 is only present for series 0854.
 - P. **Validation:** Access the RAPPENDU table, then verify 'Location Code' 540840049 is present, with 'CSC Series' 0854 and 'Grade' 12.
5. **20000124 – TPAYTBL**
- A. **Purpose:** Add pay table entries for the new special rate tables.
 - B. **Validation:** Access the TPAYTBL table and verify that pay tables 99B – 99F and 010 are present with Salary Indicator 'S' and Pay Table Indicator 'L'. The remarks should be as follows:

- 1) 99B Rus, Orlando, Indianapolis, St. Louis, Huntsville, Kansas City, Richmond, Atlanta, Cleveland, Dayton, Milwaukee IT
 - 2) 99C Columbus, Dallas, Wash, D.C., Minneapolis, Portland, Miami, Seattle, Sacramento, Cincinnati, Philadelphia IT
 - 3) 99D Denver, Boston, Hartford, Chicago, and Detroit IT
 - 4) 99E New York, Los Angeles, and Houston IT
 - 5) 99F San Francisco IT
 - 6) 010 San Francisco Bay Clerk
6. **20000134** – TCOMENT
- A. **Purpose:** To update the table for cost of living increases.
 - B. **Validation:** Access the TCOMENT table for entries Y24 – Y28 and verify that the percentages mentioned are all 2.7.
7. **20000135** – TSALSTEP
- A. **Purpose:** To update the pay tables for year 2001.
 - B. **Validation:** Access the TSALSTEP table for following pay tables and verify the new salaries match the salary rate tables provided by OPM (see CCR attachment).
ES1, GS1, 010, 012, 029, 070, 071, 164, 165, 166, 265, 290, 305, 414, 422, 491, 499, 524
8. **20000136** – TSALRANG/RSRV/RSLQ/RSLs/RSRX/
- A. **Purpose:** To update the salary range tables as well as RSRV, RSLQ, RSLs, and RSRX tables for year 2001.
 - B. **Validation:** Access the TSALRANG table for PAYTBL AD1, then verify that minimum salary is 35658.00 and maximum is 125700.00.
 - C. **Validation:** Access the TSALRANG table for PAYTBL CA1 and GRADE 01, then verify that minimum salary is 125700.00 and maximum is 125700.00.
 - D. **Validation:** Access the TSALRANG table for PAYTBL CA1 and GRADE 02, then verify that minimum salary is 121929.00 and maximum is 121929.00.
 - E. **Validation:** Access the TSALRANG table for PAYTBL CA1 and GRADE 03, then verify that minimum salary is 118158.00 and maximum is 118158.00.
 - F. **Validation:** Access the TSALRANG table for PAYTBL ED1, then verify that minimum salary is 100.00 and maximum is 481.84.
 - G. **Validation:** Access the TSALRANG table for PAYTBL SL1, then verify that minimum salary is 95652.00 and maximum is 125700.00.
 - H. **Validation:** Access the TSALRANG table for PAYTBL ST1, then verify that minimum salary is 95652.00 and maximum is 125700.00.

- I. **Validation:** Access the RSRV table, then verify that the salary limit is 161200.00.
 - J. **Validation:** Access the RSLQ table, then verify that the lower salary limit is 7.95 and the upper salary limit is 37.77.
 - K. **Validation:** Access the RSLS table, then verify that the lower salary limit is 5.00 and the upper salary limit is 481.84.
 - L. **Validation:** Access the RSRX table, then verify that the salary limit is 481.84.
9. **20000137 – REX2**
- A. **Purpose:** To update the salary limits table for year 2001.
 - B. **Validation:** Access the REX2 table, then verify that the salary limits are as follows:

Grade (1)	161200.00
Grade (2)	145100.00
Grade (3)	133700.00
Grade (4)	125700.00
Grade (5)	117600.00
10. **20000138 – TLOA**
- A. **Purpose:** To update the locality adjustment table for year 2001.
 - B. **Validation:** Access the TLOA table, then verify that the LOA PERCENT for all pay plans match the CCR attachments.
11. **20000139 – TSALSTEP**
- A. **Purpose:** To update salary steps for wage grade employees for year 2001.
 - B. **Validation:** Access the TSALSTEP table, then verify that the WGD, WGH, WLH, WSH, and WGA entries match those in the CCR attachment.
12. **20000140 – TAUTH / RAPPENDR**
- A. **Purpose:** To add authority code YCM to TAUTH and RAPPENDR tables.
 - B. **Validation:** Access the TAUTH table, then verify that Authority Code YCM is present with Description Line 2: SCH B, 213.3202(O).
 - C. **Validation:** Access the RAPPENDR table, then verify that AUTH: YCM exists with NOACs 170 and 570.
13. **20000142 – RAPPENDG**
- A. **Purpose:** To add NASA Class Code 39009 to the RAPPENDG table.
 - B. **Validation:** Access the RAPPENDG table, then verify that NCC 39009 with OCC CODE 1801 is present.
14. **20000143 – RAPPENDG**
- A. **Purpose:** To add NASA Class Code 69914 to the RAPPENDG table.

- B. **Validation:** Access the RAPPENDG table, then verify that NCC 69914 with OCC CODE 1801 is present.
15. **20000144** – TMAX
- A. **Purpose:** To update the TMAX overtime rate and biweekly limit without locality pay.
 - B. **Validation:** Access the TMAX table, then verify that the rates and salaries match the CCR attachment.
16. **20010002** – TLIMIT
- A. **Purpose:** To update the Expert Max Daily Pay on the TLIMIT table for year 2001.
 - B. **Validation:** Access the TLIMIT table, then verify that the EXPERT MAX DAILY PAY is 481.84.

NASA PERSONNEL PAYROLL SYSTEM RELEASE DESCRIPTION TABLES RELEASE 1.89

The purpose of this release is to implement the changes allocated to tables release 1.89 described below.

TABLES RELEASE 1.89

RC 1620s IMPLEMENTED

Control #	Table	Required Action
20000120	TFEHB	New FEHB Rates for 2001
20000121	TRETIR	Decrease CSRS and FERS Emp Withholding Rate
20000122	TSALSTEP	New Special Rate Tables
20000123	RAPPENDU	New Special Salary Table additions
20000124	TPAYTBL	New Special Rate Tables
20000134	TCOMENT	Update to TCOMENT for cost of living increase
20000135	TSALSTEP	Update to TSALSTEP
20000136	TSALRANG	Salary updates to TSALRANG and relational tables
	RSRV	
	RSRX	
	RSLQ	
	RSLS	
20000137	REX2	Salary update to REX2
20000138	TLOA	Update to TLOA
20000139	TSALSTEP	Update TSALSTEP for wage grades
20000140	TAUTH	Add YCM to TAUTH and RAPPENDR
	RAPPENDR	
20000142	RAPPENDG	NASA Class code 39909
20000143	RAPPENDG	NASA Class code 69914
20000144	TMAX	2001 TMAX OT Rate and Biweekly Limit Without Locality Pay
20010002	TLIMIT	Change TLIMIT "Expert Max Daily Pay" to 481.84

***** **RECORD COUNT** = 16

APPENDIX D
INSTALLATION INSTRUCTIONS

INSTALLATION INSTRUCTIONS FOR NPPS TABLE RELEASE 1.89

Introduction

Release Identification:

System Name -	NPPS
Release Number -	Release 1.89
Release Date -	January 16, 2001
Release Effective Date -	January 17, 2001

Release Implementation Date: This release must be implemented after Payroll Initialization (job CA00006) is run for the Pay Period Ending January 17, 2000.

Release Inventory:

Dataset Names:

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

- MSMOV.NPPS.PROD.R189.R0101.DOC
- MSMOV.NPPS.PROD.R189.R0101.TBL

Physical media:

VDD

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

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

INSTALLATION SEQUENCE

Installation is to occur in the following sequence:

- 1.0 Backup Existing Data
- 2.0 Install Core Tables
- 3.0 Special Instructions

1.0 BACKUP EXISTING DATA

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

2.0 INSTALL CORE TABLES

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

Load NPPS tables from MSMOV.NPPS.PROD.R189.R0101.TBL into the ADABAS table files NPS2-PER-TABLES (file #237, 19369 records) and NPS2-PAY-TABLES (file #230, 1338 records) using the ADABAS ADASAV utility.

```
ADASAV RESTORE OVERWRITE  
ADASAV FMOVE=230,237
```

3.0 SPECIAL INSTRUCTIONS

3.1 UPDATE NORMAL BASE LINE

Execute normal recalculation job, CA00009, to recalculate the normal base line.

3.2 UPDATE NPPS RELEASE NUMBER

The following process will update the NPPS table release numbers.

1. Execute program TOOLVRSN from the Natural Command line.
2. Enter "1.89" for table version. The software version remains the same.
3. Press ENTER; a confirmation message displays.
4. Press PF3 to exit the program.