

VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PERSONNEL/PAYROLL SYSTEM

Tables Release 1.88

PrISMS Contract

December 18, 2000



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 1.88**

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

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Approved by

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

December 18, 2000

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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 1.88

Release Date: December 18, 2000

Release Effective Date: This release must be implemented after Payroll Initialization, CA00006, is run for the Pay Period ending December 20, 2000.

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 1.88. 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 1.88, 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 1.88 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 1.88

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

1. 99000128 – TTAX

- A. Purpose:** To update the Maryland state tax Alternate Percentage fields to the new values in a 2-byte format and change the rates for year 2001.
- B. Validation:** Access the TTAX table entering **TAX CODE:** MD, **MARITAL STATUS:** M and the following **MARYLAND %:** values, 1.25, 1.77, 2.43, 2.55, 2.80, 2.87, 2.94, and 3.07, then verify that the table amounts are valid for year 2001.
- C. Validation:** Access the TTAX table entering **TAX CODE:** MD, **MARITAL STATUS:** S and the following **MARYLAND %:** values, 1.25, 1.77, 2.43, 2.55, 2.80, 2.87, 2.94, and 3.07, then verify that the table amounts are valid for year 2001.

2. 20000076 – THOLIDAY

- A. Purpose:** To update the table for year 2001 holidays
- B. Validation:** Access the THOLIDAY table, then verify the following dates have the applicable entries. Any date not listed is blank.

1 – H

2 – M

3 – M

5 – H

12 – H

15 – H

19 – H

22 – M

24 – H

25 – H

3. 20000085 – TLOA

- A. Purpose:** To add an entry to the table for Pensacola, Florida.
- B. Validation:** Access the TLOA table, then verify that the new entry can be retrieved by entering **DUTY STATION:** 12\$\$\$\$033 and **PAY PLAN:** ES.
- C. Validation:** The remaining fields on the record should match the following entries. If a field is not listed, it has a blank value.

LOA INDICATOR: 88

LOA PERCENT: 6.78

REMARKS: RUS – PENSACOLA, FL

4. 20000086 – TDEGSCH

- A. Purpose:** To add six new school codes to the table.
- B. Validation:** Access the TDEGSCH table, then verify that a record can be retrieved by entering **SCHOOL CODE:** UR00000D and **SCHOOL NAME** is INSTITUTE OF SIMI CONDERCHORS, KIEV, UKRAINE.
- C. Validation:** Access the TDEGSCH table, then verify that a record can be retrieved by entering **SCHOOL CODE:** UR00000E and **SCHOOL NAME** is ODESSA STATE UNIVERSITY, ODESSA, UKRAINE.
- D. Validation:** Access the TDEGSCH table, then verify that a record can be retrieved by entering **SCHOOL CODE:** UR00000F and **SCHOOL NAME** is M V LOMONOSOV INST OF FINE CHEM TECH, MOSCOW, RUSSIA.
- E. Validation:** Access the TDEGSCH table, then verify that a record can be retrieved by entering **SCHOOL CODE:** IN00000T and **SCHOOL NAME** is JAWAHARLAL NEHRU UNIVERSITY, NEW DELHI, INDIA.
- F. Validation:** Access the TDEGSCH table, then verify that a record can be retrieved by entering **SCHOOL CODE:** IN00000U and **SCHOOL NAME** is UNIVERSITY OF DELHI, DELHI, INDIA.
- G. Validation:** Access the TDEGSCH table, then verify that a record can be retrieved by entering **SCHOOL CODE:** CH00000B and **SCHOOL NAME** is PEKING UNIVERSITY, BEIJING, CHINA.

5. 20000087 – TLOA

- A. Purpose:** To add an entry to the table for Los Alamos, New Mexico.
- B. Validation:** Access the TLOA table, then verify that the new entry can be retrieved by entering **DUTY STATION:** 35\$\$\$\$028 and **PAY PLAN:** GS.
- C. Validation:** The remaining fields on the record should match the following entries. If a field is not listed, it has a blank value.

LOA INDICATOR: 88

LOA PERCENT: 6.78

REMARKS: RUS – LOS ALAMOS, NM

6. 20000098 – TAGENCY

- A. Purpose:** To change an entry on the TAGENCY table for VADA.
- B. Validation:** Access the TAGENCY table and retrieve the record with the value VADA. Verify that the value is **AGENCY:** ASST SECRETARY FOR MANAGEMENT.

7. 20000099 – TAGENCY

- A. Purpose:** To add an entry to the table for ARAT.
- B. Validation:** Access the T AGENCY table, then verify that the new entry can be retrieved by entering **AGENCY CODE:** ARAT and that it includes the following information **AGENCY:** DEPT OF ARMY, TEST AND EVAL COMMAND.

8. 20000100 – TCOMENT

- A. Purpose:** To update the B41 and B66 comments on the table.
- B. Validation:** Access the TCOMENT table, then verify that the record retrieved by entering **COMMENTS CODE:** B41 has the following text:

HEALTH BENEFITS COVERAGE WILL CONTINUE AS LONG AS YOU PARTICIPATE IN

THE WORK-STUDY PROGRAM IF YOU PAY THE EMPLOYEE’S SHARE OF COSTS.

CONTACT YOUR SERVICING HUMAN RESOURCES OFFICE OR SEE THE FEHB HANDBOOK AT [HTTP://WWW.OPM.GOV/INSURE](http://www.opm.gov/insure) FOR DETAILED INFORMATION.
- C. Validation:** Access the TCOMENT table, then verify that the record retrieved by entering **COMMENTS CODE:** B66 has the following text:

HEALTH BENEFITS COVERAGE WILL CONTINUE FOR 18 MONTHS UNLESS YOU ELECT

TO TERMINATE YOUR COVERAGE. CONTACT YOUR SERVICING HUMAN RESOURCES

OFFICE OR SEE THE FEHB HANDBOOK AT [HTTP://WWW.OPM.GOV/INSURE](http://www.opm.gov/insure) FOR

DETAILED INFORMATION.

9. 20000101 – TCOMENT

- A. Purpose:** To add comment codes B71 and B72 to the table.
- B. Validation:** Access the TCOMENT table, then verify that the record retrieved by entering **COMMENTS CODE:** B71 has the following text:

YOU MUST ELECT TO EITHER: (1) TERMINATE YOUR ENROLLMENT, OR (2) CONTINUE IT FOR UP TO 365 DAYS AND AGREE TO PAY THE PREMIUM OR INCUR A DEBT. IF YOU DO NOT ELECT TO TERMINATE OR CONTINUE YOUR ENROLLMENT, IT AUTOMATICALLY TERMINATES AT THE END OF THE LAST PAY PERIOD IN WHICH YOU PAID PREMIUMS. CONTACT YOUR SERVICING HUMAN RESOURCES OFFICE OR SEE THE FEHB HANDBOOK AT [HTTP://WWW.OPM.GOV/INSURE](http://www.opm.gov/insure) FOR DETAILED INFORMATION.
- C. Validation:** Access the TCOMENT table, then verify that the record retrieved by entering **COMMENTS CODE:** B72 has the following text:

FEGLI COVERAGE CONTINUES UNTIL YOUR TIME IN NONPAY STATUS TOTALS

12 MONTHS. CONTACT YOUR HUMAN RESOURCES OFFICE OR SEE THE FEGLI HANDBOOK AT [HTTP://WWW.OPM.GOV/INSURE](http://www.opm.gov/insure) FOR DETAILED INFORMATION.

10.20000102 – TAUTH/RAPPENDR

- A. **Purpose:** To delete authority code 'ZTS' from the TAUTH and the RAPPENDR tables.
- B. **Validation:** Access the TAUTH table, then verify that the entry for 'ZTS' no longer exists.
- C. **Validation:** Access the RAPPENDR table, then verify that the entry for NOAC 810 and authority code 'ZTS' no longer exists.

11.20000105 – TDEGSCH

- A. **Purpose:** To add Phillips Junior College, Huntsville, AL to the school table.
- B. **Validation:** Access the TDEGSCH table, then verify that the record retrieved by entering **SCHOOL CODE:** 01001089 has the following text:
PHILLIPS JR COLLEGE, HUNTSVILLE, AL

12.20000106 – TRETIRE

- A. **Purpose:** To update the FICA Max Deduction and the FICA Max Salary for retirement codes subject to FICA.
- B. **Validation:** Access the TRETIR table, then verify that for each applicable retirement plan (C, E, K, M, N, R, T, 1, 2, 4, and 6), the FICA Max Deduction is 4984.80 (there is no FICA Max Deduction field for retirement plans 1, 4, or 6) and the FICA Max Salary is 80400.00.

13.20000107 – TFEHB

- A. **Purpose:** To delete the WH1 and WH2 FEHB codes from the table.
- B. **Validation:** Access the TFEHB table, then verify that the WH1 and WH2 Health Codes do not exist.

14.20000108 – TDEGSCH

- A. **Purpose:** To add University of Pretoria, South Africa to the table.
- B. **Validation:** Access the TDEGSCH table, then verify that the record retrieved by entering **SCHOOL CODE:** AF00000A has the following text:
UNIVERSITY OF PRETORIA, SOUTH AFRICA

15.20000109 – TDEGSCH

- A. **Purpose:** To add University of Texas School of Public Health, Houston to the table.
- B. **Validation:** Access the TDEGSCH table, then verify that the record retrieved by entering **SCHOOL CODE:** 48003653 has the following text:
UNIVERSITY OF TEXAS SCHOOL OF PUBLIC HEALTH - HOUSTON

16.20000117 – TMILINT

A. Purpose: To update the Interest on Military Deposit Accounts.

B. Validation: Access the TMILINT table, then verify that the interest rate for year 2001 is 0.06375.

17.20000125 – TTAX

A. Purpose: To update the income tax withholding allowances amounts.

B. Validation: Access the TTAX table, then verify that the record received by entering **TAX CODE:** 99 and **MARITAL STATUS:** S or M has valid amounts for year 2001.

18.20000126 – TEIC

A. Purpose: To update the Earned Income Credit Tax Rates and Limit.

B. Validation: Access the TEIC table, then verify that the EIC LIMIT, EARNINGS, and ADDEND fields contain the valid amounts for year 2001.

19.20000129 – TTAX

A. Purpose: To update California state tax.

B. Validation: Access the TTAX table for California Single (S), Married (M), and Head of Household (H), then verify that the new tax withholding and amounts are the valid rates for year 2001.

20.20000131 – RAPPENDR

A. Purpose: To add authority code ZJM with NOAC 100 to the table.

B. Validation: Access the RAPPENDR table for NOAC: 100 and authority code ZJM, then verify that record exists.

**NASA PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
TABLES RELEASE 1.88**

The purpose of this release is to implement the changes allocated to tables release 1.88 described below.

TABLES RELEASE 1.88

RC 1620s IMPLEMENTED

Control #	Table	Required Action
99000128	TTAX	Change to new Maryland state alternate percentages
20000076	THOLIDAY	Update for year 2001
20000085	TLOA	Add locality adjustment for Pensacola, Florida
20000086	TDEGSCH	Add six new school codes
20000087	TLOA	Add locality adjustment for Los Alamos, New Mexico
20000098	TAGENCY	Change agency name for code VADA
20000099	TAGENCY	Add agency code ARAT
20000100	TCOMENT	Revise comment codes B66 and B41
20000101	TCOMENT	Add comment codes B71 and B72
20000102	TAUTH	Delete ZTS authority code
	RAPPENDR	
20000105	TDEGSCH	Add one new school code
20000106	TRETIR	Update FICA Max Deduction and Salary
20000107	TFEHB	Delete FEHB codes WH1 and WH2
20000108	TDEGSCH	Add one new school code
20000109	TDEGSCH	Add one new school code
20000117	TMILINT	Add interest rate on military deposit accounts for year 2001
20000125	TTAX	Update IRS income tax withholding allowances amount
20000126	TEIC	Update EIC tax rates and limit
20000129	TTAX	Update California State tax amounts for year 2001
20000131	RAPPENDR	Add authority code ZJM.

***** **RECORD COUNT** = 20

APPENDIX D
INSTALLATION INSTRUCTIONS

INSTALLATION INSTRUCTIONS FOR NPPS TABLE RELEASE 1.88

Introduction

Release Identification:

System Name -	NPPS
Release Number -	Release 1.88
Release Date -	December 18, 2000
Release Effective Date -	December 20, 2000

Release Implementation Date: This release must be implemented after Payroll Initialization (job CA00006) is run for the Pay Period Ending December 20, 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.R188.R1200.DOC
- MSMOV.NPPS.PROD.R188.R1200.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.R188.R1200.TBL into the ADABAS table files NPS2-PER-TABLES (file #237, 19220 records) and NPS2-PAY-TABLES (file #230, 1287 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 "1.88" for table version. The software version remains the same.
3. Press ENTER; a confirmation message displays.
4. Press PF3 to exit the program.