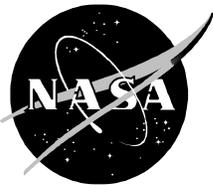


**VERSION DESCRIPTION DOCUMENT  
FOR THE  
NASA PERSONNEL/PAYROLL SYSTEM**

Tables Release 2.8.1

PrISMS Contract

02/23/04



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 2.8.1**

Approved by

	<u>02/23/04</u>
Marisa Wofford	Date
Consolidated Center Project Manager	

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

02/23/04

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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 2.8.1

Release Date: 02/23/04

Release Effective Date: This release must be implemented after a Payroll Initialization, CA00006, has been run.

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 2.8.1. 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 2.8.1, 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](mailto: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

### **2.8.1 AFFECTED DOCUMENTS**

Not applicable

### **2.8.1 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 2.8.1 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.

### **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
CSRS	Civil Service Retirement System
DBA	Database Administrator
FEHB	Federal Employee Health Benefits
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
TSP	Thrift Savings Plan
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 2.8.1

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

### 1. 20030120 - TTAX Changes

A. **Purpose:** Add Nebraska State Taxes.

B. **Validation:** Access the TTAX table, screen 1 of 1 and validate that the following are there, one each for Marital Status type "S" and "M":

TAX CODE: NE_	MARITAL STATUS S	FUNCTION R	SPOT	SUPPLEMENTAL	
MARYLAND %: _____	FILING STATUS _____	AWARDS	WAGES		
(DC/GA=J,S)	(NJ=A,B,C,D,E)	TAX %	FED TAX %		
NAME: NEBRASKA_____	EX AMT: __57.31	_____	_____	_____	
GROSS PAY OR		GROSS PAY OR			
FED WH	PERCENT	AMOUNT	FED WH	PERCENT	AMOUNT
_____85.00	_____2.490	_____	_____169.00	_____3.470	_____2.09
_____596.00	_____5.320	_____45.28	_____2081.00	_____7.220	_____115.08
_____2888.00	_____7.360	_____173.35			

TAX CODE: NE_	MARITAL STATUS M	FUNCTION R	SPOT	SUPPLEMENTAL	
MARYLAND %: _____	FILING STATUS _____	AWARDS	WAGES		
(DC/GA=J,S)	(NJ=A,B,C,D,E)	TAX %	FED TAX %		
NAME: NEBRASKA_____	EX AMT: __57.31	_____	_____	_____	
GROSS PAY OR		GROSS PAY OR			
FED WH	PERCENT	AMOUNT	FED WH	PERCENT	AMOUNT
_____202.00	_____2.490	_____	_____317.00	_____3.470	_____2.86
_____862.00	_____5.320	_____21.77	_____1362.00	_____6.570	_____48.37
_____1652.00	_____6.980	_____67.42	_____2240.00	_____7.220	_____108.46
_____2894.00	_____7.360	_____155.68			

### 2. 20030120 - TEMPRID Changes

A. **Purpose:** Add Nebraska to the State Employer ID Table.

B. **Validation:** Access the TEMPRID table, screen 1 of 1 and validate that the following is there:

STATE CODE: NE\_

EMPLOYER ID 21-9232559\_\_\_\_\_

3. **20030128 - TTAX Changes**

- A. **Purpose:** Add Montana State Taxes.
- B. **Validation:** Access the TTAX table, screen 1 of 1 and validate that the following is there, Marital Status is blank :

TAX CODE: MT\_ MARITAL STATUS  FUNCTION R SPOT SUPPLEMENTAL  
 MARYLAND %: \_\_\_\_\_ FILING STATUS \_ AWARDS WAGES  
 (DC/GA=J,S )(NJ=A,B,C,D,E) TAX % FED TAX %  
 NAME: MONTANA\_\_\_\_\_ EX AMT: 68.00 6.00 \_\_\_\_\_

GROSS PAY OR			GROSS PAY OR		
FED WH	PERCENT	AMOUNT	FED WH	PERCENT	AMOUNT
	2.600		317.00	4.400	8.00
702.00	6.100	25.00	1538.00	6.500	76.00

4. **20030128 - TEMPRID Changes**

- A. **Purpose:** Add Montana to the State Employer ID Table.
- B. **Validation:** Access the TEMPRID table, screen 1 of 1 and validate that the following is there:

STATE CODE: MT\_  
 EMPLOYER ID: 804778\_\_\_\_\_

5. **20040003 – TDEGSCH Changes**

- A. **Purpose:** Add EG00000B to the Educational School table.
- B. **Validation:** Access the TDEGSCH table, screen 1 of 1 and validate that the following is there:

SCHOOL CODE: EG00000B  
 SCHOOL NAME: ALEXANDRIA UNIVERSITY, ALEXANDRIA, EGYPT

6. **20040004 – TTAX Changes**

- A. **Purpose:** Update California taxes.
- B. **Validation:** Access the TTAX table, screen 1 of 1 and validate that the following is there, one for each Marital Status:

TAX CODE: CA\_ MARITAL STATUS S FUNCTION R SPOT SUPPLEMENTAL  
 MARYLAND %: \_\_\_\_\_ FILING STATUS \_ AWARDS WAGES  
 (DC/GA=J,S )(NJ=A,B,C,D,E) TAX % FED TAX %  
 NAME: CALIFORNIA\_ EX AMT: \_\_\_\_\_ 6.00 \_\_\_\_\_  
 GROSS PAY OR GROSS PAY OR  
 FED WH PERCENT AMOUNT FED WH PERCENT AMOUNT

_____	_1.000	_____	_____	230.00	_2.000	_____	2.30		
_____	544.00	_4.000	_____	8.58	_____	858.00	_6.000	_____	21.14
_____	1190.00	_8.000	_____	41.06	_____	1506.00	_9.300	_____	66.34

TAX CODE: CA\_ MARITAL STATUS M FUNCTION R SPOT SUPPLEMENTAL  
 MARYLAND %: \_\_\_\_\_ FILING STATUS \_\_\_\_\_ AWARDS WAGES  
 (DC/GA=J,S )(NJ=A,B,C,D,E) TAX % FED TAX %

NAME: CALIFORNIA\_ EX AMT: \_\_\_\_\_ \_6.00 \_\_\_\_\_

GROSS PAY OR			GROSS PAY OR						
FED WH	PERCENT	AMOUNT	FED WH	PERCENT	AMOUNT				
_____	_1.000	_____	_____	460.00	_2.000	_____	4.60		
_____	1088.00	_4.000	_____	17.16	_____	1716.00	_6.000	_____	42.28
_____	2380.00	_8.000	_____	82.12	_____	3012.00	9.300	_____	132.68

1000 -----

TAX CODE: CA\_ MARITAL STATUS H FUNCTION R SPOT SUPPLEMENTAL  
 MARYLAND %: \_\_\_\_\_ FILING STATUS \_\_\_\_\_ AWARDS WAGES  
 (DC/GA=J,S )(NJ=A,B,C,D,E) TAX % FED TAX %

NAME: CALIFORNIA\_ EX AMT: \_\_\_\_\_ \_6.00 \_\_\_\_\_

GROSS PAY OR			GROSS PAY OR						
FED WH	PERCENT	AMOUNT	FED WH	PERCENT	AMOUNT				
_____	_1.000	_____	_____	458.00	_2.000	_____	4.58		
_____	1088.00	_4.000	_____	17.18	_____	1402.00	_6.000	_____	29.74
_____	1734.00	_8.000	_____	49.66	_____	2048.00	_9.300	_____	74.78

7. **20040006 – AGENCY Changes**

A. **Purpose:** Change agency names.

B. **Validation:** Access the AGENCY table, screen 1 of 1 and validate that the following is there, two different codes with name changes:

FUNCTION: R AGENCY CODE: **NV62**  
 AGENCY: CHIEF OF NAVAL EDUCATION & TRAINING\_\_\_\_\_

FUNCTION: R AGENCY CODE: **ARMP**  
 AGENCY: U.S.ARMY HUMAN RESOURCES COMMAND\_\_\_\_\_

8. **20040007 – AGENCY Changes**

- A. **Purpose:** Delete agency codes and names.
- B. **Validation:** Access the AGENCY table, screen 1 of 1 and validate that the following is not available, two different codes deleted.

Should receive the following error message: "\*\*\*\* DATA CANNOT BE FOUND IN TABLE "

FUNCTION: R      AGENCY CODE: **EM02**  
FUNCTION: R      AGENCY CODE: **TD02**

9. **20040008 – TCOMENT Changes**

- A. **Purpose:** Add additions to TCOMENT table.
- B. **Validation:** Access the TCOMENT, screen 1 of 1 and validate that the following is there, three new SF50 comments:

FUNCTION R      COMMENTS CODE: **Y18**  
COMMENT TEXT:                      COUNT:  
EFFECTIVE JANUARY 11,2004, A NEW PAY SYSTEM IS ESTABLISHED FOR MEMBERS  
OF THE SENIOR EXECUTIVE SERVICE, UNDER WHICH ALL PAY WILL BE BASE PAY,  
WITH NO LOCALITY PAY. \_\_\_\_\_

FUNCTION R      COMMENTS CODE: **Y19**  
COMMENT TEXT:                      COUNT:  
UPON INITIAL CONVERSION TO THE NEW PAY SYSTEM, BASE PAY IS SET EQUAL TO  
THE ADJUSTED RATE OF PAY (BASE PLUS LOCALITY PAY) IN EFFECT IMMEDIATELY  
PRIOR TO CONVERSION. \_\_\_\_\_

FUNCTION R      COMMENTS CODE: **M97**  
COMMENT TEXT:                      COUNT:  
SES MEMBER SUBJECT TO POST-EMPLOYMENT RESTRICTIONS UNDER 18 U.S.C. 207  
(C). \_\_\_\_\_

10. **20040009 - TTAX Changes**

A. **Purpose:** Change Pennsylvania State Taxes.

B. **Validation:** Access the TTAX table, screen 1 of 1 and validate that the following are there, one for each Marital Status type S and M:

TAX CODE: PA\_ MARITAL STATUS **S** FUNCTION R SPOT SUPPLEMENTAL  
MARYLAND %: \_\_\_\_\_ FILING STATUS \_ AWARDS WAGES  
(DC/GA=J,S)(NJ=A,B,C,D,E) TAX % FED TAX %  
NAME: PENNSYLVANIA EX AMT: \_\_\_\_\_ \_3.00 \_\_\_\_\_  
GROSS PAY OR GROSS PAY OR  
FED WH PERCENT AMOUNT FED WH PERCENT AMOUNT  
\_\_\_\_\_ **3.070** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

TAX CODE: PA\_ MARITAL STATUS **M** FUNCTION R SPOT SUPPLEMENTAL  
MARYLAND %: \_\_\_\_\_ FILING STATUS \_ AWARDS WAGES  
(DC/GA=J,S)(NJ=A,B,C,D,E) TAX % FED TAX %  
NAME: PENNSYLVANIA EX AMT: \_\_\_\_\_ \_3.00 \_\_\_\_\_  
GROSS PAY OR GROSS PAY OR  
FED WH PERCENT AMOUNT FED WH PERCENT AMOUNT  
\_\_\_\_\_ **3.070** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

11. **20040010 – T AGENCY Changes**

A. **Purpose:** Add agency names.

B. **Validation:** Access the T AGENCY table, screen 1 of 1 and validate that the following is there, four new codes and names:

FUNCTION: R AGENCY CODE: **AF1A**  
AGENCY: **AF C2 & INTELLIG, SURVEILL & RECONNAIS**\_\_\_\_\_

FUNCTION: R AGENCY CODE: **AF11**  
AGENCY: **AIR FORCE MANPOWER AGENCY**

FUNCTION: R AGENCY CODE: **AF3K**  
AGENCY: **HQ U.S. EUROPEAN COMMAND**

FUNCTION: R AGENCY CODE: **GQ00**  
AGENCY: **ELECTION ASSISTANCE COMMISSION**



CODE: NM\_ MARITAL STATUS S FUNCTION R SPOT SUPPLEMENTAL  
 MARYLAND %: \_\_\_\_\_ FILING STATUS \_ AWARDS WAGES  
 (DC/GA=J,S)(NJ=A,B,C,D,E) TAX % FED TAX %  
 NAME: NEW MEXICO\_\_ EX AMT: 117.31 6.80 \_\_\_\_\_

GROSS PAY OR			GROSS PAY OR		
FED WH	PERCENT	AMOUNT	FED WH	PERCENT	AMOUNT
_____65.00	<u>1.700</u>	_____	_____277.00	<u>3.200</u>	_____3.60
_____488.00	<u>4.700</u>	_____10.37	_____681.00	<u>6.000</u>	_____19.40
_____1065.00	<u>6.800</u>	_____42.48	_____	_____	_____
_____	_____	_____	_____	_____	_____

**15. 20030024 - TAUTH Changes**

**A. Purpose:** Add New Legal Authority

**B. Validation:** Access the TAUTH table, screen 1 or 1 and validate that the following is there:

FUNCTION: A AUTHORITY CODE: VWS

DESCRIPTION LINE 1: \_\_\_\_\_  
 DESCRIPTION LINE 2: CPM 2004-04, JANUARY 20, 2004

**16. 20040028 - TTAX Changes**

**A. Purpose:** Change Michigan State Taxes.

**B. Validation:** Access the TTAX table, screen 1 of 1 and validate that the following are there, one only with no Marital Status:

TAX CODE: MI\_ MARITAL STATUS \_ FUNCTION R SPOT SUPPLEMENTAL  
 MARYLAND %: \_\_\_\_\_ FILING STATUS \_ AWARDS WAGES  
 (DC/GA=J,S)(NJ=A,B,C,D,E) TAX % FED TAX %  
 NAME: MICHIGAN\_\_ EX AMT: 119.23 4.00 \_\_\_\_\_

GROSS PAY OR			GROSS PAY OR		
FED WH	PERCENT	AMOUNT	FED WH	PERCENT	AMOUNT
_____	<u>4.000</u>	_____	_____	_____	_____

17. **20040031 – TDEGSCH Changes**

- A. **Purpose:** Add JO00000A to the Educational School table.
- B. **Validation:** Access the TDEGSCH table, screen 1 of 1 and validate that the following is there:

SCHOOL CODE: JO00000A

SCHOOL NAME: UNIVERSITY OF JORDAN,AMMAN,JORDAN

18. **20040032 – TDEGSCH Changes**

- A. **Purpose:** Add PR00000A to the Educational School table.
- B. **Validation:** Access the TDEGSCH table, screen 1 of 1 and validate that the following is there:

SCHOOL CODE: JO00000A

SCHOOL NAME: UNIVERSITY OF PUERTO RICO,MAYAGUEZ CAMPUS

**NASA PERSONNEL PAYROLL SYSTEM  
RELEASE DESCRIPTION  
TABLES RELEASE 2.8.1**

The purpose of this release is to implement the changes allocated to tables release 2.8.1 described below.

**TABLES RELEASE 2.8.1**

RC 1620s IMPLEMENTED

<b>CCR</b>	<b>Description</b>	<b>Table</b>
20030120	Nebraska State Tax	TTAX
20030128	Montana State Tax	TTAX
20040003	Addition to TDESCH	TDEGSCH
20040004	California State Tax	TTAX
20040006	Agency Name Changes	TAGENCY
20040007	Agency Name Deletions	TAGENCY
20040008	Additions to TCOMENT	TCOMENT
20040009	Pennsylvania State Tax	TTAX
20040010	Additions to TAGENCY	TAGENCY
20040011	Change to TAGENCY	TAGENCY
20040014	New Mexico State Tax	TTAX
20040024	New Legal Code	TAUTH
20040028	Michigan State Tax	TTAX
20040031	Add to TDEGSCH	TDEGSCH
20040032	Add to TDEGSCH	TDEGSCH
20040013	Update TDEGFLD	TDEGFLD

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

**APPENDIX D**  
**INSTALLATION INSTRUCTIONS**

# INSTALLATION INSTRUCTIONS FOR NPPS TABLE RELEASE 2.8.1

## Introduction

Release Identification:

System Name - NPPS  
Release Number - Release 2.8.1  
Release Date - 02/23/04

Release Implementation Date: This release must be implemented after a Payroll Initialization (job CA00006) is run.

Release Inventory:

Dataset Names:

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

- MSMOV.NPPS.PROD.R281.R0204.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.R281.R0204.TBL into the ADABAS table files NPS2-PER-TABLES (file #237, 19373 records) and NPS2-PAY-TABLES (file #230, 1187 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 "2.8.1" for table version. The software version remains the same.
3. Press ENTER; a confirmation message displays.
4. Press PF3 to exit the program.