

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

Tables Release 1.98

PrISMS Contract

May 6, 2002



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 1.98**

Approved by

Sheila Fogle
Consolidated Center Project Manager

05/06/02
Date

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

May 6, 2002

TABLE OF CONTENTS

Section	Page
1.0 INTRODUCTION.....	1 - 1
1.1 IDENTIFICATION OF 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
2.0 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
3.0 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

1.0 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 1.98

Release Date: May 6, 2002

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 1.98. 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 1.98, 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 1.98 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
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
NOAC	Nature of Action Code
NPPS	NASA Personnel/Payroll System
RC	Requirements Change
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
SLR	Student Loan Repayment
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 1.98

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

1. 20010063- Modify tables RNOO, RREQFLD, TAWDTYP, TNOAC, TOPMMSG

RNOO – Add NOAC 848:

NOAC: 848 OPM EDIT CODE: NOO

RREQFLD - Add NOAC 848 for C and L screens per 8.4 design review documentation.

NOAC: 848 SCREEN: C

FUNCTION: R	NOAC: 848__	SCREEN: C
_--COMMENTS	C AGENCY CODE	R APP DATE
_--SIGNATURE	_--REQUIRED 50	_-- PRINT STATUS
_--COMBINED		

NOAC: 848 SCREEN: L

FUNCTION: R	NOAC: 848__	SCREEN: L
C CUR RATING	C CUR YEAR	C CUR EFDATE
C PR1 RATING	C PR1 YEAR	C PR1 EFDATE
C PR2 RATING	C PR2 YEAR	C PR2 EFDATE
C PR3 RATING	C PR3 YEAR	C PR3 EFDATE
__ -- AWARD CHK	R AWARD YR	R AWARD TYPE
R AWARD AMOUNT	C AWARD GROUP	C AWARD BENEFIT AMT
C AWARD TIME OFF HRS	C AWARD TIME LYTD	_-- AWARD GROUP TEXT
-- AWARD BUDGET CODE	C CUR PATTERN	C PR1 PATTERN
C PR2 PATTERN	C PR3 PATTERN	

20010063 (continued)

TAWDTYP - Add 'W' (referral bonus)

AWARD TYPE: W

REMARKS: REFERRAL BONUS

TNOAC - Add NOAC 848:

ACTION CODE: 848

DESCRIPTION LINE 2: REFERRAL BONUS

TOPMMSG - Add 848 to AWQ, DCA, NOC, NOE, NOM, NOO, LOB, LOC.

AWQ

THE AWARD AMOUNT MUST NOT BE BLANK OR 00000.00 WHEN THE NOAC IS 815, 816, 840, 841, 842, 843, 844, 845, **848**, 878, 879, OR 987.(MAY **2002**)

DCA

THE DEPARTURE DESTINATION AND DEPARTURE REASON CODES MUST BE BLANK WHEN THE FIRST CHARACTER OF THE NOAC IS NOT 3 OR THE NOAC IS NOT 825, 840, 841, 842, 843, 844, 845, **848**, 878, 879, 987, 988, 989, 001, OR 002.(MAY **2002**)

NOC

THE FIRST CHARACTER OF THE THREE CHARACTER NOAC MUST BE 1 OR THE NOAC MUST BE 721A, 825, 840, 841, 842, 843, 844, 845, **848**, 878, 879, 987, 988, 989, 001, OR 002 WHEN THE DUTY STATUS IS Z ON THE MATCHING RECORD FOR THE SAME SSN. (MAY **2002**)

NOE

THE FIRST CHARACTER OF THE NOAC MUST BE 3 OR THE NOAC MUST BE 721T, 825, 840, 841, 842, 843, 844, 845, **848**, 878, 879, 987, 988, 989, 001, OR 002 WHEN THE DUTY STATUS IS Z.(MAY **2002**)

NOM

THE FIRST CHARACTER OF THE NOAC MUST BE 3 OR THE NOAC MUST BE 825, 840, 841, 842, 843, 844, 845, **848**, 878, 879, 987, 988, 989, 001, OR 002 WHEN THE DEPARTURE DESTINATION OR DEPARTURE REASON IS NOT BLANK.(MAY **2002**)

NOO

20010063 (continued)

THE NOAC MUST BE 825, 840, 841, 842, 843, 844, 845, **848**, 878, 879, 916, 987, 988, 989, 001, OR 002 WHEN THE AWARD: YEAR, AWARD: TYPE, OR AWARD: AMOUNT CHANGES. (MAY **2002**)

LOB

THE LEGAL AUTHORITY ONE CODE MUST MATCH ONE OF THOSE LISTED IN TAUTH WHEN THE FIRST CHARACTER OF THE NOAC IS LESS THAN 9 EXCEPT WHEN THE NOAC IS 350, 355, 840, 841, 842, 843, 844, 845, 846, 847, **848**, 001 OR 002.(MAY **2002**)

LOC

THE LEGAL AUTHORITY ONE CODE MUST MATCH ONE OF THOSE LISTED IN TAUTH WHEN THE FIRST CHARACTER OF THE 001 OR 002 REFERENCE NOAC IS LESS THAN 9 EXCEPT WHEN THE NOAC IS 840, 841, 842, 843, 844, 845, 846, 847, OR **848**.(MAY **2002**)

Add new message AWR.

AWR

THE AWARD TYPE MUST BE W WHEN THE NOAC IS 848. (MAY 2002)

A. Purpose: To include NOAC 848 in edit messages in TOPMMSG.

B. Validation: Access the TOPMMSG table and verify that messages are in the table.

2. 20010080 – TTAX - ADD record to table for AL state tax Head of household

TAX CODE: **AL**_ MARITAL STATUS: **H** FUNCTION: R

MARYLAND %: _____ FILING STATUS _____

(DC/GA=J,S)(NJ=A,B,C,D,E)

NAME: **ALABAMA**_____ EX AMT: **_300.00** SPOT AWARDS TAX %: **_5.00**

GROSS PAY OR			GROSS PAY OR		
FED WH	PERCENT	AMOUNT	FED WH	PERCENT	AMOUNT
_____	2.000	_____	500.00	4.000	_____10.00
_____3000.00	5.000	_____110.00	_____	_____	_____

A. Purpose: To add marital status code H for Tax Code AL

B. Validation: Access the table indicated and verify that the new marital status code H is present. Verify that the gross, percentage and amount fields are correct per design review document for 20000080 in release 8.4.

3. 20010107 – Add 6 new messages to TPAYMSG for SLR edits.

3302: *** SLR PAYMENT NEGATES GROSS EARNINGS, SLR DED MUST BE ADJUSTED.

3303: *** SLR PAYMENT NEGATES FEDERAL TAX DEDUCTION. SLR DED MUST BE ADJUSTED.

3304: *** SLR PAYMENT NEGATES STATE TAX DEDUCTION. SLR DED MUST BE ADJUSTED.

3305: *** SLR PAYMENT NEGATES CITY TAX DEDUCTION, SLR DED MUST BE ADJUSTED.

3306: *** INSUFFICIENT NET AMOUNT, NO STATE TAX DEDUCTION FOR SLR.

3307: *** INSUFFICIENT NET AMOUNT, NO CITY TAX DEDUCTION FOR SLR.

A. Purpose: To create edit messages for SLR edit processing.

B. Validation: Access the TPAYMSG table and verify that the 6 new SLR messages are in the table.

4. 20020023 – Add new field LEVEL V LIMIT to TMAX records.

Populate LEVEL V LIMIT field with **4661.60** for all existing records in TMAX.

AD1, AU1, CA1, ED1, ES1, GS1, SL1, ST1, 010, 012, 029, 070, 071, 164, 165, 166, 265, 290, 305, 414, 422, 491, 499, 524, 99B, 99C, 99D, 99E, and 99F

A. Purpose: To populate new LEVEL V LIMIT field in TMAX records

B. Validation: Access the TMAX Table and verify 4661.60 in LIMIT V LEVEL field in specified records.

5. 20020024 – Addition to TNCC and RAPPENDG

Add to RAPPENDG:

NCC: 73525 OCC CODE: 1520 OPM EDIT CODE: NSD

Add to TNCC:

NCC CODE: 73525 NCC: MATHEMATICIAN

A. Purpose: To add new codes to TNCC and RAPPENDG tables.

B. Validation: Access table TNCC and verify that NCC code 73525 Mathematician is on the table. Access table RAPPENDG and verify that NCC code 73525 OCC code 1520 is on the table.

6. 20020027 - AGENCY, Modification of agency code EDET.

Change AGENCY:

From: AGENCY CODE: EDET AGENCY: OFC OF BILINGUAL ED & MIN LANG AFFAIRS

To: AGENCY CODE: EDET AGENCY: OFFICE OF ENGLISH LANGUAGE ACQUISITION

A. Purpose: To modify agency code EDET

B. Validation: Access table AGENCY and verify that agency code EDET contains agency

Description: "OFFICE OF ENGLISH LANGUAGE ACQUISITION:

7. 20020028 - Additions to TCOMENT table

Add M94 – Employee elected deemed FERS coverage under 5 CFR 846.204 (B) (2) (I) on #.

Add M95 – Employee given deemed FERS election notice on #, and did not respond. Employee is deemed to have elected FERS coverage under 5 CFR 846.204 (B) (2) (I).

Add M96 – Employee declined FERS coverage under 5 CFR 846.204 (B) (2) (II) on #.

A. Purpose: To add new records M94, M95 AND M96.

B. Validation: Access table TCOMENT and verify that M94, M95 and M96 are on table.

8. 20020029 – RAPPENDG, TNCC – Addition to RAPPENDG and TNCC tables.

Add to RAPPENDG

NCC: 61406 OCC CODE: 2003 OPM EDIT CODE: NSD

Add to TNCC:

NCC CODE: 61406 NCC: SUPPLY MANAGEMENT SPECIALIST

A. Purpose: To add records to the RAPPENDG and TNCC tables.

B. Validation: Access table RAPPENDG and TNCC and verify that the tables contain the new records.

9. 20020030 – RAPPENDG, modification to table

Delete: NCC Code: 74507 OCC CODE: 1301 OPM EDIT CODE: NSD

Add: NCC Code: 74507 OCC CODE: OPM EDIT CODE: NSD

A. Purpose: to delete record with NCC code of 74507 and add a new 74507 record.

B. Validation: Access the tables indicated above and verify that the old record has been deleted and the new record added.

10. 20020031- TAGENCY, Addition to table.

Add agency code ARAE to table.

Agency Code: ARAE Agency: ACQUISITION EXECUTIVE SUPPORT AGENCY.

A. Purpose: To add a record to TAGENCY as requested by the change request.

B. Validation: Access TAGENCY and verify that agency code ARAE is on the table.

11. 20020032 - TCOMENT, Delete M63 from table.

Delete the following record:

Comments code: M63 Comments Text: Count: 2

A. Purpose: To delete M63 FROM the TCOMENT Table.

B. Validation: Access the table indicated and verify that comment code M63 is no longer on the table.

**NASA PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
TABLES RELEASE 1.98**

The purpose of this release is to implement the changes allocated to tables release 1.98 described below.

TABLES RELEASE 1.98

RC 1620s IMPLEMENTED

CCR	Description	Table
20010063	Modify tables to allow processing of NOAC 848, referral bonus.	RNOO RREQFLD TAWDTYP TNOAC NOPMMSG
20010080	Add H (head of household to AL)	TTAX
20010107	Student Loan Repayment edit messages	TPAYMSG
20020023	Limit V on TMAX Table	TMAX
20020024	Addition to TNCC	TNCC
20020027	Change EDET in AGENCY	AGENCY
20020028	Add messages M94, M95 and M96 to TCOMMENT Table.	TCOMMENT
20020029	Addition to TNCC and RAPPENDG	TNCC RAPPENDG
20020030	Deletion and change to RAPPENDG	RAPPENDG
20020031	Add ARAE to AGENCY	AGENCY
20020032	Delete M63 from TCOMMENT	TCOMMENT

***** RECORD COUNT = 11

APPENDIX D
INSTALLATION INSTRUCTIONS

INSTALLATION INSTRUCTIONS FOR NPPS TABLE RELEASE 1.98

Introduction

Release Identification:

System Name -	NPPS
Release Number -	Release 1.98
Release Date -	May 6, 2002

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.R198.R0502.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.R198.R0502.TBL into the ADABAS table files NPS2-PER-TABLES (file #237, 19395 records) and NPS2-PAY-TABLES (file #230, 1114 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 "1.98" for table version. The software version remains the same.
3. Press ENTER; a confirmation message displays.
4. Press PF3 to exit the program.