

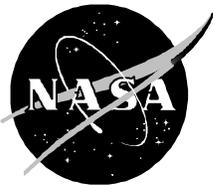
**VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PERSONNEL/PAYROLL SYSTEM**

Software Release 7.4

Tables Release 1.81

PrISMS Contract

10/15/99



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PERSONNEL/PAYROLL SYSTEM
SOFTWARE RELEASE 7.4
TABLES RELEASE 1.81**

Approved by

	10/15/99
_____ Sheila Fogle Consolidation Center Project Manager	Date

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

October 1999

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1. INTRODUCTION

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

1.1 IDENTIFICATION OF THE RELEASE

System Name – NPPS

Release Number – Software Release 7.4

Tables Release 1.81

Release Effective Date – October 15, 1999

Release Implementation Date - November 10, 1999

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 NPPS software allocated for this release and to implement the table changes allocated to Tables Release 1.81. 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 Release 7.4, including the following:

- Changes implemented since the last release
- References to other documents affected by this release
- Changes to application files and data formats
- Detailed software installation procedures
- Validation procedures to ensure the reliability of the software changes.

This release provides the functional and technical user of NPPS with information regarding changes to the content and status of the NPPS Tables Release 1.81, including the following:

- Changes to core tables
- Detailed table install procedures
- 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 the following Key Words: SESAAS & NPPS)

Telephone: (256) 544-6673

E-Mail: james.joyner@msfc.nasa.gov

FAX: (256) 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

The following document is affected by this release:

- NPPS System/Software Requirements Specification (SRS)
- NPPS-UOG-10, NPPS User and Operations Guide (UOG)
- AdminSTAR Interface Control Document (ICD)

The modified pages of these documents will be distributed under separate cover.

2.5 APPLICATION SYSTEM ADMINISTRATION

Not Applicable

3. 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

Modified programs are specified in Paragraph 3.2 of Appendix D, Installation Instructions.

3.4 DATABASE ADMINISTRATION

The specific database administration activities for NPPS 7.4 are detailed in Appendix D, Installation Instructions.

3.4.1 Release Dataset Names

The datasets for Software Release 7.4 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
CPO	Consolidated Payroll Office
DBA	Database Administrator
DR	Discrepancy Report
FAX	Electronic Facsimile Transmission
HR	Human Resources
ICD	Interface Control Document
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
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

VALIDATION PROCEDURES SOFTWARE RELEASE 7.4 PERSONNEL & PAYROLL

1. **95001604**
 - A. **Purpose:** To show page breaks when organization changes
 - B. **Test Procedure:** Run Report 312 has a remote Report. From BJSMM log verify that report has finished without any errors. Print report from TSO.
 - C. **Validation:** Verify Report 312 shows a page break whenever there is a change in organizations.
2. **96000055**
 - A. **Purpose:** To remove the Training Unique Interface.
 - B. **Test Procedure:** At the NATURAL “next” prompt, perform a “list file” (*l f*) to locate file NPS2-TRN-INT.
 - C. **Validation:** Verify the “list file” function returns the message, “SYSLIS 4125: Requested file description not available”, indicating the Training Interface File is no longer present.
3. **96000085**
 - A. **Purpose:** To modify the Union Dues Report (401) to provide an employee count for each union by installation.
 - B. **Test Procedure:** Schedule and run the Union Dues Report (NA00401) through BJS. Print the report.
 - C. **Validation:** Verify the report includes a “headcount” for each union.
4. **97000014**
 - A. **Purpose:** To delete all blank center records from the IMFH file.
 - B. **Test Procedure:** Run ADHOC to determine number of blank records. Run Job 6 to initialize, run ADHOC again.
 - C. **Validation:** Verify report from Job 6 show correct number of records deleted.
5. **97000034**
 - A. **Purpose:** To modify PERACT, Screen L, for NOAC 990, to clear a previous error once corrected data is entered.
 - B. **Test Procedure:** Add NOAC 990 (Performance Rating) through PERACT, entering an “invalid” combination of Rating and Pattern (such 4A, 4B, 2E. When the message, “***CUR PATTERN DOES NOT FALL IN RATING CRITERIA”, is displayed, re-enter a valid combination of Current Rating and Current Pattern.

- C. **Validation:** Verify PERACT, Screen L, clears the displayed message when a valid combination of Rating and Pattern is entered.

6. **97000035**

- A. **Purpose:** To modify the Approved Action Report (151) such that it no longer generates Comment Code P94, but will generate a modified Comment Code P96.
- B. **Test Procedure:**
 - 1) Select an employee with Pay Plan = GS, Grade > 10, Occupation Code = 1811, PRD = M, and Duty Station = 110010001.
 - 2) Add NOAC 895 (Locality Payment) to suspense through PERACT for the test employee.
 - 3) Schedule and run the Approved Action Report (NE0010) through BJS.
 - 4) Print Report 151.

- C. **Validation:**

- 1) Verify the NOAC 895 (screen 3 of 4) in PERACT displays Comment Code P96.
- 2) Verify the NOAC 895 (screen 3 of 4) in PERACT does not display Comment Code P94.
- 3) Verify Report 151 prints the modified text for Comment Code P96:

IGA CONTINUED RATE OF PAY CONTINUES UNTIL ONE OF THE TERMINATING CONDITIONS OF 5 CFR 531.703(G) IS SATISFIED--I.E., THE EMPLOYEE'S DUTY STATION IS NO LONGER IN AN INTERIM GEOGRAPHIC ADJUSTMENT AREA; THE EMPLOYEE IS NO LONGER IN A POSITION COVERED BY A NATIONWIDE OR WORLDWIDE SPECIAL SALARY RATE; THE EMPLOYEE IS ENTITLED TO A HIGHER RATE OF PAY UNDER ANOTHER AUTHORITY; OR THE EMPLOYEE IS REDUCED IN GRADE.

7. **97000091**

- A. **Purpose:** To set default parameters in BJS and have default passed for Report 202 when report is run, either consolidated or stand-alone.
- B. **Test Procedure:** Check default Parameter in BJS Job Directory for Report 202, to add desired default.
- C. **Validation:** From BJSMM, select Report 202 to run as a remote report. Verify that the parameter entered in BJS has flowed thru to the parameter screen.

8. **97000139**

- A. **Purpose:** To show when state, county, and city are chosen for the parameters for Report 408, that all reports will print with amount of taxes

for each eligible employee. Currently NPPS does not deduct or account for county taxes.

- B. **Test Procedure:** Select an employee with state tax, and city tax, give employee a good T&A. Go to QREG and verify employee was paid and deductions were taken for the state and city taxes.
- C. **Validation:** Run Report 408 and select all three (state, county, city) from the parameter screen, verify the report shows all three divisions with the correct amounts for state and city tax.

9. 98000013

- A. **Purpose:** To show report 427 will indicate 0 (Zero) records when report is run for Centers with no data available.
- B. **Test Procedure:** Sign on to NPPS and give a Non-Personnel award to an individual so data will be available for at least one Center. Submit Report 427 to run for at least 3 Centers. This report has to be run as a stand alone report.
- C. **Validation:** Verify that the report shows “0 Records Output” for the Centers with no data. The correct data should show for the Center with the Non-Personnel award data.

10. 98000050

- A. **Purpose:** To modify the PRI edit for NOAC 892 (Quality Increase) such that a Current Rating of “3” may be entered through PERACT.
- B. **Test Procedure:** Add NOAC 892 to suspense through PERACT, entering a combination of Rating/Pattern such as 3A or 3D.
- C. **Validation:** Verify PERACT does not return the PRI edit.

11. 98000051

- A. **Purpose:** To modify the GRI edit to allow employees in Pay Plan WT to also fall within a range of Grades 01 – 11.
- B. **Test Procedure:**
 - 1) Select a “WT” employee for testing.
 - 2) Add a NOAC 002 (Correction) to suspense through PERACT, changing the employee’s Grade first to 09, then, 10, then 11.
- C. **Validation:** Verify PERACT does return the GRI edit.

12. 98000056

- A. **Purpose:** To modify Relational Edits such that employees in Pay Plans ES and EX must have a Supervisory Indicator = 2 or 8.
- B. **Test Procedure:**

- 1) Select two (2) test employees: one with Pay Plan = ES; the other with Pay Plan = EX.
 - 2) Add a NOAC 002 (Correction) to suspense for each employee, entering a Supervisory Indicator not equal to 2 or 8.
- C. **Validation:** Verify PERACT returns the new SUG edit,
 THE SUPERVISORY CODE MUST BE '2' OR '8' IF THE PAY PLAN IS 'ES' OR 'EX'.
 (710.13.3)

13.98000061

- A. **Purpose:** To check CTLPAY for multiple Centers and make sure data is in agreement.
- B. **Test Procedure:** Select 2 Centers and make sure CTLPAY is the same for both. Select a 3rd Center with different dates. Run a Consolidated job.
- C. **Validation:** Verify that job is submitted to run. Verify that job errors off. Should receive a message stating "MISMATCHED DATES".

14.98000109

- A. **Purpose:** To modify Relation Edit APD such that it is not returned for NOAC 760 (Extension of Appointment NTE) when the Authority Code is Y1K, Y2K, Y3K, Y4K, or Y5K.
- B. **Test Procedure:**
 - 1) Select an "Appointment NTE" employee.
 - 2) Add NOAC 760 to suspense through PERACT, entering each of the Authority Codes Y1K, Y2K, Y3K, Y4K, and Y5K.
- C. **Validation:** Verify PERACT does not return the APD which reads,
 THE NOAC MUST BE 171, 571, 001, 002, OR 760 WHEN THE LEGAL AUTHORITY ONE CODE OR LEGAL AUTHORITY TWO CODE IS Y1K, Y2K, Y3K, Y4K, or Y5K. (MAY '95)

15.98000119

- A. **Purpose:** To modify Relational Edit DCJ such that "9" (Other) is a valid Departure Reason for NOAC 303 (Retirement Special Option).
- B. **Test Procedure:** Add NOAC 303 to suspense, entering Departure Reason = 9.
- C. **Validation:** Verify PERACT does not return edit DCJ.

16.98000121

- A. **Purpose:** To remove all processing for NOAC 462 (LWP NTE).
- B. **Test Procedure:**
 - 1) Add NOAC 462 to suspense through PERACT.

- C. **Validation:** Verify PERACT returns the message,

***INVALID NATURE OF ACTION CODE.

17. 98000131

- A. **Purpose:** To show the pay period and TSP TAPE SEG will roll to "01" and the end of the pay year. The NEBA Year will also increase by one at the end of pay year. To show that the Prior Leave Year Ending Date will roll automatically when the pay period changes to 02 and will show the pay ending of the first pay period of the year.
- B. **Test Procedure:** Set CTLPAY to the last pay period of the pay year. Prior Leave Year Ending Date: 01/02/99---NEBA YEAR 99---TSP TAPE SEQ 26---PAY PERIOD 26---CURRENT PP BEGINNING DATE 12/05/99---CURRENT PP ENDING DATE 12/18/99---TSP EFFDATE 12/28/99---TAX QUARTER 4---CURRENT LEAVE PERIOD 25---MONTH TO DATE y---NUMBER OF LEAVE PERIODS THIS YEAR 26. Run Job 6 to initialize. Job 6 should be run again so prior leave year ending date will roll to 01/01/00.
- C. **Validation:** Verify from the first run of Job 6 that NEBA YEAR changed to 00, TSP TAPE SEQ changed to 01, PAY PERIOD changed to 01, CURRENT PP BEGINNING DATE CHANGES TO 12/19/99, CURRENT PP ENDING DATE CHANGES TO 01/01/00, CURRENT LEAVE PERIOD CHANGES TO 26, TSP EFF DATE changes to 01/11/00, tax quarter changes to 0, month to date changes to N. The second run of Job should roll the PRIOR LEAVE YEAR ENDING DATE TO 01/01/00. All the other dates will also roll to the next pay period.

18. 98000147

- A. **Purpose:** To modify Planning Actions such that TSP Letters may be generated through the PLAN screen.
- B. **Test Procedure:**
- 1) Add NOAC 943, with TSP Letters, through the PLAN screen.
 - 2) Print the generated TSP Letters.
- C. **Validation:**
- 1) Verify the requested TSP Letters are generated through the PLAN screen.
 - 2) Verify the printed letters are in the appropriate format.

19. 98000174

- A. **Purpose:** To eliminate MTD PCS earnings from showing on Report 111 under heading of Current PCS earnings.
- B. **Test Procedure:** select Employee 100-95-1234, screen print YTDADJ1, Screen 3, Enter PCS City earnings on PCS Screen. Go to YTDADJ1

screen and verify amount entered on PCS screen shows on screen 3 of the YTDADJ1. Logon on to BJSMM and select 3 for reports, Select Report 111, and submit report to run. When report finishes without error print the report from TSO.

- C. **Validation:** Verify the month to date city earnings do not show on Report 111 under the PCS City earnings current field.

20.99000006

- A. **Purpose:** To ensure deleted non-personnel cash awards show on Report 118 with a minus (-) in the adj column of the Report.
- B. **Test Procedure:** Logon To NPPS—NON-PERSONNEL Award. Cancel an award. Award must have been given in current year. Go to BJSMM Screen and select reports. Submit Report 118, When report finishes, print from TSO.
- C. **Validation:** Verify that awards that were canceled show on the report with a minus (-) in the column marked ADJ on this report.

21.99000007

- A. **Purpose:** To show the correct data on Report 518 when the pay period beginning date is in one calendar year and the pay period ending date is in a different year.
- B. **Test Procedure:** Verify data is available for Report 518, change CTLPAY to the pay period beginning and pay period ending in the same calendar year. From BJSMM select 3 for reports and submit Report 518 to run. Change CTLPAY so the pay period beginning date is in one calendar year and the pay period ending date is in another year. Run Report 518 for the second time.
- C. **Validation:** Verify the 1st report has the correct data and that the 2nd report does not have data.

22.99000019/99000022/99000051

- A. **Purpose:** To replace words on Leave and Earnings Statement (L&E) “use or lose next PP” to a date using the format MM/DD/YY and using the following calculation to arrive at the date: Add 28 days to the pay period ending date from CTLPAY. To print the hours in pay period six with the calculated date.
- B. **Test Procedure:** Select employees with compensatory time, religious comp time and extended comp time. Employees with comp time and religious comp time should have hours in pay period 6. Select employee with MASEXTCT. Add 28 days to the pay period ending date from CTLPAY, if the date on MASEXTCT in EXTENDED THRU DATE, matches this date, hours and date will print on the L&E. Go to TAEDIT and give selected employees a good T&A. Run L&Es.

- C. **Validation:** Verify use or lose date is calculated and displayed as MM/DD/YY on the L&E. Verify number of hours in pay period 6 are shown on L&E with the date the hours will be lost.

23. 99000032

- A. **Purpose:** To increase size of TSP fields for current deductions to six digits, quarterly deductions to 7 digits and year-to-date deductions to eight digits for Report 423, Individual Pay Record.
- B. **Test Procedure:** An adhoc (CH990032) was used to populate the current, quarterly and YTD fields for this report. These fields are normally filled by regular payroll processing plus adjustments. From BJSMM, select 3 for reports, select Report 423 to run. When report is finished print from TSO.
- C. **Validation:** Verify Report 423 has current pay period values of six digits, quarterly has values of seven digits and YTD fields have values of eight digits.

24. 99000049

- A. **Purpose:** To ensure FEGLI age increments the pay period following the birth date at the end of the year when the pay period beginning date starts in one year and the pay period ending date is another year.
- B. **Test Procedure:** Set CTLPAY for last pay period in leave year. Select employee, 1. 100-03-1257 and 2. 222-22-2422. Do a PERACT for each employee: 1. 100-03-1257, change date of birth to 01-01-1950, and change FEGLI code to D0, 2. 222-22-2422, change date of birth to 12-21-1944 and FEGLI code to D0. Mature these actions. Give employees a good T&A. Check QREG that each employee was paid. Run Job 6 to initialize. FEGLI deductions should change for the next pay period process. Check qnorm for new FEGLI amounts.
- C. **Validation:** Verify the deductions for FEGLI increased for the following pay period.

25. 99000050

- A. **Purpose:** To correct a formatting error in the “combined” SF50 print function. The error caused Tenure Code, Retirement Code, and FEHB Code to print in the wrong location on the SF50.
- B. **Test Procedure:**
 - 1) Set up a “combined” SF50 test case, using NOACs 302 and 825 or other “combined” print combination.
 - 2) Print the “combined” SF50 through SEL50.
 - 3) Print the “combined” SF50 through BJS (NE00400).

- C. **Validation:** Verify the “combined” SF50s are in the appropriate format, paying particular attention the location of Tenure Code, Retirement Code, and FEHB Code.

26. 99000055

- A. **Purpose:** To modify the AdminSTAR extract to include the following new data: Grade, Pay Plan, NASA Class Code, Supervisory Indicator, Handicap Code, Position Type, and Work Schedule.
- B. **Test Procedure:**
 - 1) Schedule and run AdminSTAR Refresh (NA00027) through BJS.
 - 2) Print Reports 27 (AdminSTAR Refresh of Org and 28 (AdminSTAR Refresh of Learner.
- C. **Validation:** Verify reports include the newly-added fields in the appropriate format.

27. 99000073

- A. **Purpose:** To change format on NEBA tape to YYYYMMDD. Change Pay Period Header Record for each NASA Center, Change LWOP Date on the Data Record and Chapter Departure Data on the Data Record.
- B. **Test Procedure:** Run Report 456 stand alone for a Center against base code. Run the same report against new code. Run Job 4 which will generate a dataset for this report against base code and then run Job 4 against new code. Run a compare program to compare the datasets.
- C. **Validation:** Verify that the date format in the header records has been changed to YYYYMMDD.

28. 99000009

- A. **Purpose:** To make California State tax tape Y2K compliant and to Consolidate Qtrly Tape for California State Tax.
- B. **Test Procedure:** Use ADHOC SKS9909A to identify employees with California wages. From BJSMM Submit NA00045 to create California State Tax File.
- C. **Validation:** Compare the dataset created from NA00045 to the file layout identified in Magnetic Media Reporting.

29. 98000158

- A. **Purpose:** To show changes to SSA tape, expanding reporting period, EOD Date, and Termination date from 4 to 6 bytes.
- B. **Test Procedure:** Submit NA00022 for a Remote Center, print dataset, run NA00022 for a Consolidated Run. Print the datasets.
- C. **Validation:** Verify that the datasets are compatible with new file format.

VALIDATION PROCEDURES

TABLES RELEASE 1.81

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

1. **99000079** – *TDEGSCH*
 - A. **Purpose:** To add school code FR00000B.
 - B. **Validation:** Access the *TDEGSCH* table, then verify 'School Code' FR00000B is present and reads, "Universite Paris VIII, Paris, France".
2. **99000080** – *TAUTH*
 - A. **Purpose:** To add authority code YKB.
 - B. **Validation:** Access the *TAUTH* table, then verify 'Authority Code' YKB is present and reads, "SCH B, 213.3202 (N)".
3. **99000081** – *TNCC and RAPPENDG*
 - A. **Purpose:** To add NASA class code 61104 to *TNCC*; to add NASA class code 61104 with occupation code 0301 to *RAPPENDG*.
 - B. **Validation:**
 - Access the *TNCC* table, then verify 'NCC Code' 61104 is present and reads, "Program Support Specialist".
 - Access the *RAPPENDG* table, then verify the combination of 'NCC' 61104 and 'OCC Code' 0301 is present.
4. **99000087** – *RAPPENDU*
 - A. **Purpose:** To add location code 241450031, with CSC Series 0318 and grades 02-07, to *RAPPENDU*.
 - B. **Validation:** Access the *RAPPENDU* table, then verify 'Location Code' 241450031 is present, with 'CSC Series' 0318 and 'Grade' 02, 03, 04, 05, 06, 07.
5. **99000088** – *TAUTH*
 - A. **Purpose:** To change descriptions for authority codes MEM, MGM, MJM, MLK, MLM, MMM, M8M, NAM, NCM, NEM
 - B. **Validation:** Access the *TAUTH* table, then verify these authority codes have the following 'Description Line 2':
 - MEM: Reg 316.302(b) (1)
 - MGM: Reg 316.302(b) (2)
 - MJM: Reg 316.302(b) (3)
 - MLK: Reg 316.302(b) (8)

- MLM: Reg 316.302(b) (7)
 - MMM Reg 316.302(b) (4)
 - M8M: Reg 316.402(b) (3)
 - NAM: Reg 316.402(b) (8)
 - NCM: Reg 316.402(b) (2)
 - NEM: Reg 316.402(b) (4)
6. **99000089** – *TAUTH* and *RAPPENDR*
- A. **Purpose:** To add authority code BNK to *TAUTH*; to add NOAC 101 and authority code BNK to *RAPPENDR*.
- B. **Validation:**
- Access the *TAUTH* table, then verify ‘Authority Code’ BNK is present and reads, “CS Rule 6.7 FAA Agr”.
 - Access the *RAPPENDR* table, then verify the combination of ‘NOAC’ 101 and ‘AUTH’ BNK is present.
7. **99000090** – *TAGENCY*
- A. **Purpose:** To add agency code ARSP.
- B. **Validation:** Access the *TAGENCY* table, then verify ‘Agency Code’ ARSP is present and reads, “U.S. Special Operations Command (Army)”.
8. **99000091** – *TNEBA*
- A. **Purpose:** To change the smoker and nonsmoker optional insurance rates on *TNEBA*.
- B. **Validation:**
- Access the *TNEBA* table, enter ‘N’ for ‘Annual Base / Opt Ins Class’, then verify these ‘Rate/Cost’ values:
 - ‘Age/Class’: 25 ‘Rate/Cost’: 0.72
 - ‘Age/Class’: 30 ‘Rate/Cost’: 0.72
 - ‘Age/Class’: 35 ‘Rate/Cost’: 0.72
 - ‘Age/Class’: 40 ‘Rate/Cost’: 0.90
 - ‘Age/Class’: 45 ‘Rate/Cost’: 1.32
 - ‘Age/Class’: 50 ‘Rate/Cost’: 2.61
 - ‘Age/Class’: 55 ‘Rate/Cost’: 4.38
 - ‘Age/Class’: 60 ‘Rate/Cost’: 8.10
 - ‘Age/Class’: 65 ‘Rate/Cost’: 15.96
 - ‘Age/Class’: 70 ‘Rate/Cost’: 24.00

- Access the *TNEBA* table, enter 'S' for 'Annual Base / Opt Ins Class', then verify these 'Rate/Cost' values:
 - 'Age/Class': 25 'Rate/Cost': 0.87
 - 'Age/Class': 30 'Rate/Cost': 0.87
 - 'Age/Class': 35 'Rate/Cost': 0.87
 - 'Age/Class': 40 'Rate/Cost': 1.23
 - 'Age/Class': 45 'Rate/Cost': 1.80
 - 'Age/Class': 50 'Rate/Cost': 3.33
 - 'Age/Class': 55 'Rate/Cost': 5.34
 - 'Age/Class': 60 'Rate/Cost': 11.70
 - 'Age/Class': 65 'Rate/Cost': 24.00
 - 'Age/Class': 70 'Rate/Cost': 36.00

9. **97000035** – *TCOMENT*

A. **Purpose:** To delete comment code P94 and to change comment code P96.

B. **Validation:** Access the *TCOMENT* table, then verify 'Comments Code' P94 cannot be found and 'Comments Code' P96 is present and reads:

- IGA continued rate of pay continues until one of the terminating conditions of 5 CFR 531.703(G) is satisfied—I.E., the employee's duty station is no longer in an interim geographic adjustment area; the employee is no longer in a position covered by a nationwide or worldwide special salary rate; the employee is entitled to a higher rate of pay under another authority; or the employee is reduced in grade.

10. **98000050** – *TOPMMSG*

A. **Purpose:** To change message number PRI.

B. **Validation:** Access the *TOPMMSG* table, then verify 'Message Number' PRI is present and reads:

- The combination of performance rating:current and rating pattern:current must be valid (3A,5B,4C,3D,5E,5F,4G,5H) when the NOAC is 892\$\$ and the NOAC effective date is greater than 19870831. (Jun '90).

11. **98000051** – *TOPMMSG*
 - A. **Purpose:** To change message number GRI.
 - B. **Validation:** Access the *TOPMMSG* table, then verify 'Message Number' GRI is present and reads:
 - Grade: current must not be less than 01 or greater than 11 when the pay plan is WT. (June '98)
12. **98000056** – *TOPMMSG*
 - A. **Purpose:** To add message number SUG.
 - B. **Validation:** Access the *TOPMMSG* table, then verify 'Message Number' SUG is present and reads:
 - The supervisory code must be 2 or 8 when the pay plan is ES or EX (710.13.3)
13. **98000109** – *TOPMMSG*
 - A. **Purpose:** To change message number APD.
 - B. **Validation:** Access the *TOPMMSG* table, then verify 'Message Number' APD is present and reads:
 - The NOAC must be 171, 571, 001, 002, 760 when the legal authority one code or legal authority two code is Y1K, Y2K, Y3K, Y4K, or Y5K. (May '95)
14. **98000119** – *TOPMMSG*
 - A. **Purpose:** To change message number DCJ.
 - B. **Validation:** Access the *TOPMMSG* table, then verify 'Message Number' DCJ is present and reads:
 - The departure reason must be Q, R, or 9 when the nature of action code is 303.

15. **98000121** – *TOPMMSG*
TNOAC
RREQFLD
RAPPENDR

A. **Purpose:** To delete message number LWI and to change message number LWM in *TOPMMSG*; to delete action code 462 in *TNOAC*; to delete the combinations of NOAC 462 and screens A, C, E, F, H, I in *RREQFLD*; to delete the combinations of NOAC 462 and authority codes GFM, R4M in *RAPPENDR*.

B. **Validation:**

- Access the *TOPMMSG* table, then verify 'Message Number' LWI is not found and 'Message Number' LWM is present and reads:
 - Duty status must change if NOAC is 3\$\$\$\$ or 460\$\$.
(June '90)
- Access the *TNOAC* table, then verify 'Action Code' 462 is not found.
- Access the *RREQFLD* table, then verify the combinations of 'NOAC' 462 and 'Screen' A, C, E, F, H, I are not found.
- Access the *RAPPENDR* table, then verify the combinations of 'NOAC' 462 and 'AUTH' GFM and R4M are not found.

**NASA PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
SOFTWARE RELEASE 7.4
TABLES RELEASE 1.81
OCTOBER 1999**

The purpose of this release is to implement the changes allocated to software release 7.4 and the tables release 1.81 described below.

SOFTWARE RELEASE 7.4

RC 1620s IMPLEMENTED

95001604		Report 312 – Page Break on Org
96000055		Training Requirements Eliminated in NPPS
96000085		Report 401 – Union Dues Report
97000014		IMFH Physical Read/Delete
97000035		SF50 Comment Codes P94 and P95
98000013		Report 427 – Output for 1099s
98000050		Personnel Action, Rel Edit PRI
98000051		Personnel Action, Rel Edit GRI
98000056		New Error Msg for TOPMMSG
98000061	CTLPAY Tables not in sync	
98000109		APD Edit for NOAC 760
98000119		Receiving DCJ Message In Error
98000121	Remove NOAC 462	
98000131	Advancing Pay Period at Year End	
98000158	SSA – IRS “S” Record Y2K Changes	
98000174		Report 111 –
Reporting Error		
99000009		CA State Tax Y2K Changes

99000019	L&E Use of 'Next PP' Not Clear
99000022	Comp Time U/L Balance L&E
99000032	Report 432 – TSP Size Too Small
99000051	L&E U/L Date Error
99000055	Adminstar Addtnl Fields
99000070	Adminstar documentation
99000073	NEBA Y2K Changes

***** **RECORD COUNT = 24**

DR 1620s IMPLEMENTED

97000034 Display PerfRat Edits in PERACT, Screen L
97000091 Report 202 – Parameter Module Not Passing Info
97000139 Report 408 – City Taxes
98000147 TSP Letters via PLAN Screen
99000006 Report 118 – Incorrect Deletions
99000007 Report 518 – PP 01 Incorrect
99000049 FEGLI Age Incrementation
99000050 Dual SF50 Print Error

***** RECORD COUNT = 8

TABLES RELEASE 1.81

RC 1620s IMPLEMENTED

Control #	Table	Required Action
97000035	TCOMENT	Delete comment code P94 and change comment code P96
98000050	TOPMMSG	Change message number PRI
98000051	TOPMMSG	Change message number GRI
98000056	TOPMMSG	Add message number SUG
98000109	TOPMMSG	Change message number APD
98000119	TOPMMSG	Change message number DCJ
98000121	TOPMMSG	Delete message number LWI and change message number LWM
	TNOAC	Delete action code 462
	RREQFLD	Delete NOAC 462 with screens A,C,E,F,H,I
	RAPPENDR	Delete NOAC 462 with authority codes GFM, R4M
99000079	TDEGSCH	Add school code FR00000B
99000080	TAUTH	Add authority code YKB
99000081	TNCC	Add a NASA class code of 61104
	RAPPENDG	Add a NASA class code of 61104 with occupation code 0301
99000087	RAPPENDU	Add a location code of 241450031, with CSC series 0318 and grades 02-07
99000088	TAUTH	Change descriptions for 10 authority codes
99000089	TAUTH	Add authority code BNK
	RAPPENDR	Add NOAC 101 and authority code BNK
99000090	TAGENCY	Add agency code ARSP
99000091	TNEBA	Change smoker and nonsmoker optional insurance rates

***** RECORD COUNT = 15

APPENDIX D
INSTALLATION INSTRUCTIONS

**NASA PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
SOFTWARE RELEASE 7.4
TABLES RELEASE 1.81
OCTOBER 1999**

Introduction

Release Effective Date – October 15, 1999

Release Implementation Date - November 10, 1999

Release Inventory:

Dataset Names:

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

- MSMOV.NPPS.PROD.R740.R1099.DOC
- MSMOV.NPPS.PROD.R740.R1099.SRC
- MSMOV.NPPS.PROD.R181.R1099.TBL

Physical media:
VDD

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

Telephone: (256) 544-6673
E-Mail: james.joyner@msfc.nasa.gov
Fax: (256) 544-1836

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. Applicable sections are listed in the Installation Checklist.

- 1.0 Backup Existing Data
- 2.0 Copy Source/Object Code
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Install Data Glossary
- 6.0 Catalog Source Code
- 7.0 Post-Predict Data Conversion
- 8.0 JCL/BJX/Xerox Modifications
- 9.0 Special Instructions
- 10.0 Installation Checklist

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 COPY SOURCE/OBJECT CODE

2.1 Copy Source Modules

When installing software release 7.4, load the NPPS new and modified programs from dataset MSMOV.NPPS.R740.R1099.SRC using the Natural utility NATLOAD. The programs will be loaded to the application library NPPS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

Natural Source Modules by Type

Global Data Areas	0
Local/Param Data Areas	0
Maps	1
Helproutines	0
Subroutines	4
Subprograms	0
Programs	34
Copycode	0
Text	0
Process	0
Miscellaneous Objects	0
Total Programming Objects	39

2.2 List of Source Code Modifications

The following is a list of all modules that were modified for the software release 7.4.

Programs	Description of programs
=====	=====
NAB111	Permanent Change of Station Report
NAB118	Non-Personnel Actions Cash Awards Master Listing
NAB312	Credit Hours Register
NAB401	Report 401
NAB408	(State) (County) (City) Tax W/H Report
NAB423	Pay History Report
NAB427	Process 1099 Forms – Misc Income

NAB456 NEBA Biweekly Summary
 NAB518 Process W-2 Forms – Non-NPPS
 NAB555 Leave and Earnings Statement
 NAB557 Leave and Earnings Statement Reprint
 NAB6033 Automate FEGLI Year Setting
 NAB6040 Generate SSA Tape and Report – Pgm 1
 NAB6041 Generate SSA Tape and Report – Pgm 3
 NAB6045 Generate Qrtly Tape and Report – Pgm 2
 NAB6042 Generate SSA Wage Tape of CA Employees
 NAB8000 IMFH Initialization MASTER view
 NAM555A Leave and Earnings
 NAO202P Payroll Register Parm Module
 NEBAS01A AdminSTAR Learner File
 NEB151 Approved Action Not Requiring an SF50
 NEB151B Approved Action Not Requiring an SF50 – Rpt 151
 NEB364 Full Table Report
 NEB9710 CAPPS TX Submission File
 NEO1110L Process Personnel Action Template L
 NEO1911 Relational Edit Module (APD)
 NEO1912 Relational Edit Module (DCJ)
 NEO1917 Relational Edit Module (SUG)
 NEO1919 Relational Edit Module (PRI)
 NEO1953 Relational Edit Module (GRI)
 NEO1955 Relational Edit Module (LWI, LWM)
 NEO2030 Plan Act TSP
 NPB4010 BJS Job Controller
 NPB4070 Payroll Control Auto Update
 NSS1900C NTE Date Calculation
 NSS1900H Locality Adjustment Calculation
 NSS4040A External Subroutine Access Combo NOAC(SF50)
 NSS4140A External Subroutine Access Combo NOAC(SF52)

RELEASE PROGRAMS (MOD) ==> 38

2.3 List of Source Code Additions

The following is a list of all modules that were created for the software release 7.4.

Programs	Description of programs
NPTL0031	Tool – Adminstar Load

RELEASE PROGRAMS (NEW) ==> 01

2.4 List of Source Code Deletions

The following is a list of all modules that were deleted for the software release 7.4.

Programs	Description of programs
NEM5155	Map for TSOURCE
NEM5156	Map for TSTPROG
NEM5165	Map for TTRNTYPE
NEO6006	Update CAPPs TX Interface File

RELEASE PROGRAMS (DEL) ==> 04

3.0 PRE-PREDICT DATA CONVERSION

Not Applicable

4.0 INSTALL PREDICT

Not Applicable

5.0 INSTALL DATA GLOSSARY

Not Applicable

6.0 CATALOG SOURCE CODES

When installing software release 7.4, run a batch job to catalog (CATALL) all modules in the NPPS or other named library. It is not necessary to catalog the Global Data Area. The Batch standard parameters should be used for the compile.

After objects are compiled, the NPPS application will run under the On-line standard parameters.

7.0 POST-PREDICT DATA CONVERSION

Load NPPS tables from MSMOV.NPPS.PROD.R181.R1099.TBL into the ADABAS table files NPS2-PER-TABLES (file #237, 19263 records) and NPS2-PAY-TABLES (file #230, 1455 records) using the following ADABAS ADASAV utility commands.

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

8.0 JCL/BJX/Xerox MODIFICATIONS

JCL

CA00006 – A new dataset was added to the step executing NAB8000. The dataset needs to be added to the allocation step and to the NAB8000 job step as work file 1 with an LRECL=178, BLKSIZE=22876, and SPACE set to cylinders. The initial run will be larger than any subsequent runs as records will be initialized every pay period.

CA000013/CA000022 – The SSA tape has expanded to accommodate Y2K changes. The changed JCL has been given to CPO.

CA000045 – The California state tax JCL has changed and CPO has been given a copy.

NPTL0031 – New fields will be added to the AdminSTAR file with this release. This tool will create a flat file of the new data for all employees. The JCL to run this tool has been given to CPO.

Xerox

Leave and Earnings Statement – A new Xerox form has been created for the Leave and Earnings Statement. This form name is LEN1. The diskettes will be shipped to the xerox contacts at each center.

External Datasets

The existing GDG generations of the Leave and Earnings Statement created using pre-7.4 software (CA00555) will not run with the new xerox form. A copy of the pre-7.4 generations will need to be kept for a period of time (5 pay periods from the implementation of this release) under another naming convention. The existing generations will need to be deleted as part of the implementation of this release.

9.0 SPECIAL INSTRUCTIONS

9.1 Update NPPS Release Number

The following processes will update the NPPS software numbers:

1. Execute program TOOLVRSN from the Natural Command line.
2. When installing software release 7.4, enter "07.40" for software version number. Enter "1.81" for table version.
3. Press ENTER; a confirmation message displays.
4. Press PF3 to exit the program.

10.0 INSTALLATION CHECKLIST

- 1.0 Back Up Existing Data
- 2.0 Copy Source/Object Code
- 6.0 Catalog Source Code
- 7.0 Post-Predict Data Conversion
- 8.0 JCL/BJS/Xerox Modifications
- 9.0 Special Instructions