

VERSION DESCRIPTION DOCUMENT FOR THE NASA PERSONNEL/PAYROLL SYSTEM

Software Release

8.8

PrISMS Contract

Date: April 10, 2003



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, Alabama 35812

**VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PERSONNEL/PAYROLL SYSTEM
SOFTWARE RELEASE 8.8**

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HUNTSVILLE, ALABAMA

April 10, 2003

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SOFTWARE RELEASE 8.8**

Approved by

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
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April 10, 2003

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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 **8.8**

The release datasets will be made available to the support Database Administrator (DBA) for installation, at which time all centers will be notified that it has been installed in the appropriate test database.

1.2 PURPOSE OF THE RELEASE

The purpose of this release is to implement the NPPS software allocated for this release in a test environment. 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 **8.8**, 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.

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) 544-5516

E-Mail: billy.graham@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 will be affected by this release:

- NPPS System/Software Requirements Specification (SRS)
- NPPS-UOG-10, NPPS User and Operations Guide (UOG)
- Employee Express Interface Change Document (EEICD)

The modified pages of this document 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

The data dictionary changes are detailed in Appendix D, Installation Instructions.

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 8.8 are detailed in Appendix D, Installation Instructions.

3.4.1 Release Dataset Names

The datasets for Software Release 8.8 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
CPO	Consolidated Payroll Office
DBA	Database Administrator
DDM	Data Definition Module
DR	Discrepancy Report
EE	Employee Express
EEICD	Employee Express Interface Change Document
HR	Human Resources
ICD	Interface Change Document
IRM	Information Resources Management
JCL	Job Control Language
L&E	Leave and Earnings Statement
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
TFBP	Transportation Fringe Benefit Program
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 8.8 PERSONNEL & PAYROLL

1. 20010056

- A. **Purpose:** To implement the Transportation Fringe Benefit Program (TFBP).
- B. **Test Procedure:** Select employees for testing.
 - 1) At the Command line, enter TFBP (Transportation Fringe Benefit Program).
 - 2) Verify that test employee has state tax code and city tax code.
 - 3) If there is no state code or city code, set up a state code by entering FTAX on Command line and establishing a state code.
 - 4) If there is no city code, from Command line enter CTAX to enter a city code.
 - 5) From Command line enter TFBP, enter amount on the TFBP B/W FED, tab to TFBP B/W ST, enter same amount, tab to TFBP B/W CITY, and enter same amount.
 - 6) At the Command line, enter TAEDIT, and then input SSN of test employee.
 - 7) Give employee a good time and attendance card.
 - 8) Repeat steps 4 thru 9 for the second employee.
 - 9) View QREG for both employees.
 - 10) Schedule/Submit/Run Job 4.
 - 11) Schedule/Submit/Run Report 202 for each test employee.
 - 12) Schedule/Submit/Run Job 5 to complete reports required.
 - 13) Schedule/Submit/Run Report 418, W2 Form—Wage & Tax Statement.
 - 14) Schedule/Submit/Run Report 419, W-2 Checklist.
 - 15) Schedule/Submit/Run Report 555, and 557, Leave & Earnings Statement for test employees.
 - 16) View History of test employees by entering QHISTPP1 and pay period ending date for test employees.
 - 17) Schedule/Submit/Run Job 6 to initialize current payroll data.
 - 18) Select one test employee and from FTAX, change the state tax so employee will have former state tax on the FORMSTX screen.

- 19) From CTAX change the city code for test employee so employee will have former city tax.
- 20) From the TFBP enter an amount for federal, state, and city.
- 21) Give employee a good time and attendance card.
- 22) Schedule/Submit/Run Job 4.
- 23) Schedule/Submit/Run Job 5 and Job 6.

C. Validation:

- 1) Verify that the TFBP screen will process amounts entered for Federal, State and City.
- 2) Verify that QREG reflects the correct of taxes withheld per SRS.
- 3) Verify that Report 202 reflects the same amount of taxes withheld as the online screen of QREG.
- 4) Verify that Report 408 from Job 4 reflects the taxable wages and taxes withheld for each state and city identified with test employees.
- 5) Verify that Report 418 reflects the correct amount of Transportation Fringe Benefit for employees.
- 6) Verify that TFBP amounts are not included in taxable wages.
- 7) Verify that Report 419 reflects the Transportation Fringe Benefit amounts.
- 8) Verify that the L&E's for test employees reflect the bi-weekly and year to date amounts of TFBP.
- 9) Verify that employees with former state and city taxes have the correct information shown on the FORMSTX and FORMCTX screens.
- 10) Verify that reports and W-2's reflect the correct data for federal taxable wages.
- 11) Verify that reports and W-2's reflect the correct data for each states taxable wages.
- 12) Verify that reports and W-2's reflect the correct data for each cities taxable wages.

2. 20020055

A. Purpose: Modify NPPS to allow for the extension of partial hours of Comp time forfeited. Modify EXTCT screen to reflect the original hours forfeited when hours are extended.

B. Test Procedure:

- 1) Select employee for testing. Ensure employee has Comp Time hours in pay period 7 or that he has already lost some Comp Time.

- 2) Give selected employee a valid time card.
- 3) Schedule and submit CA0004 (Final Pay Report).
- 4) Schedule and submit CA0006 (Pay Initialization).
- 5) At MASEXTCT screen tab to UPD SEL enter X at the Original Frftd Date.
- 6) At EXTCT screen, tab to Hours to Extend field and enter amount,
- 7) Tab to Extended Year PP, enter date and pay period number
- 8) Repeat 5 – 7 for a record that has partially extended hours and no Cum Used hours.
- 9) Repeat 5 – 7 for a record that has partially extended hours and Cum Used hours greater than 0.

C. Validation:

- 1) Verify the employee can extend a portion of the hours originally forfeited.
- 2) Verify “Original Hours Frftd” is equal to the amount originally forfeited.
- 3) Verify the employee can extend partially extended hours with no Cum Used.

3. 20020090

A. Purpose: To implement Employee Express Transaction Type 0089, enabling the user to change the FEHB Pre-Tax option.

B. Test Procedure:

- 1) Select two test employees, one with FEHB Tax Exempt waiver = blank and the other with FEHB TEW = “Y.”
- 2) Set up EE transaction type 0089 for each employee, formatting the transaction as described in the Employee Express Interface Control Document (EEICD). Column 57 of the transaction is the input value for the FEHB TEW. For the first employee, set column 57 = “W;” for the second, set column 57 = “P.”
- 3) Schedule and run EE Transaction File (CAEE001) through BJS Processes.
- 4) Print the EE Transaction Report (EEB1).
- 5) Schedule and run Payroll Batch Mature (CA00001) through BJS Processes.
- 6) Print Reports 201 and 6140 scheduled through the execution of CA00001 above.

- 7) Schedule and run Create EE Master File (CAEE002) through BJS Processes.

C. Validation:

- 1) After running CAEE001, verify the EE Transaction Report (EEB1) reflects the input EE transactions.
- 2) After running CAEE002, verify the two test transactions are reflected as FTAX transactions in Payroll Suspense (after EE Transactions are processed) by checking screen SACT and/or SEMP.
- 3) After running CAEE002, verify the suspended transactions reflect the desired FEHB TEW value ("Y" or blank). Note that an input EE value of "W" sets NPPS FEHB TEW to "Y," while an input EE value of "P" sets NPPS FEHB TEW to blank.
- 4) After running CA00001, verify Payroll Suspense no longer contains the test FTAX transactions.
- 5) After running CA00001, verify the FTAX transactions matured properly by checking the FTAX screen for each test employee. The first test employee should have FEHB TEW = "Y;" the second should have FEHB TEW = blank.
- 6) After running CA00001, verify Reports 201 and 6140 reflect desired changes to FTAX as input through EE Transaction processing.
- 7) After running CAEE002, verify the output master file is formatted in accordance with the updated EEICD. Note that column 544 in each record should reflect a "W" or "P."

4. 20020095

- A. Purpose:** Modify the CA state tax quarterly tape to have zeros in positions 256-258 of the dataset instead of blanks.

B. Test Procedure:

- 1) Set CTLPAY to last pay period of a quarter
- 2) Select test employees that have California tax on Ftax screen.
- 3) Give selected employees in selected centers a good time card.
- 4) Schedule/Submit/Run CA0004 - Batch Payroll Final pay Reports.
- 5) Schedule/Submit/Run CA00045 - California State Tax Quarterly Tape.
- 6) Schedule/Submit/Run CA0006 – Pay Period Initialization.
- 7) Verify that CTLPAY has rolled to the next pay period
- 8) PF12 to ISPF Primary Option Menu
- 9) At command line; enter 3.4, enter

- 10) Enter parameter at Dsname level: MSIRM.NPPSDD.N06ZNASA.CA00045.CATAPE,
<Enter>
- 11) PF8 until dataset MSIRM.NPPSDD.N06ZNASA.CA00045.CATAPE
is located.
- 12) Enter B under command next to dataset to open to browse.

C. Validation:

- 1) Verify that the CA00045 job runs to completion and without error.
- 2) Verify there are zeros in positions 256-258 of the dataset.

5. 20020102

A. Purpose: To correct the Employee Express web-based Leave & Earnings Statements for adjustments to Night Differential.

B. Test Procedure:

- 1) Choose two employees
- 2) On command line enter ADJ
- 3) Press enter
- 4) For Employee one enter SSN and function C
- 5) Enter holiday hours and amount.
- 6) For Employee two enter SSN and function C
- 7) Enter night differential hours and amount press enter
- 8) On command line enter BJSMM press enter
- 9) Choose option 2, Schedule and Submit job EXP0006
- 10) On command line enter BJSMM enter
- 11) Choose option 3 Schedule and Submit job NA00555
- 12) Change center to NASA enter
- 13) Choose option 2, Schedule and Submit job CAEE006

C. Validation

- 1) Print output datasets
- 2) Verify Holiday Hours are displayed for the first employee.
- 3) Verify Night Differential Adjustment is displayed for second employee.
- 4) Repeat test, using TAEDIT instead of ADJ.
- 5) Print and verify all is displayed correctly.

6. 20020103

- A. **Purpose:** To modify PERACT field level “help” to prevent fatal error when accessing help for table TDEGSCH.
- B. **Test Procedure:**
 - 1) On command line enter PERACT press enter
 - 2) Use a NOAC 002 to make a correction, skip to screen 6
 - 3) Enter a ? On the school field and press enter
- C. **Validation:** Verify that a list of school names is displayed rather than a fatal error.

7. **20020105**

- A. **Purpose:** Modify Report 200 to increase size of the Net Earnings field to 5 spaces.
- B. **Test Procedure:**
 - 1) Select test employees that have large amount of leave hours and a large hourly rate.
 - 2) Go to Qterm and to Lump screen to pay employee lump sum leave;
 - 3) At PERACT screen, terminate the selected employee with a NOAC 317.
 - 4) Add The Action To Suspense and Mature the transaction.
 - 5) Go to Qterm and to Lump screen and enter amount from Lump Sum Leave Hours.
 - 6) Give employee a good time card.
 - 7) Schedule/Submit/Run CA0004 - Batch Payroll Final Pay Reports.
 - 8) Schedule/Submit/Run CA00200 – Master Employee Record.
- C. **Validation:**
 - 1) Verify that the CA000200 job runs to completion and without error.
 - 2) Verify that the Net earnings field on Report 200 size is increased to 5.2 spaces and matches QREG Net earnings for selected employees.

8. **20020107**

- A. **Purpose:** To correct error in Employee Express web-based Leave & Earnings Statements causing Cumulative Military Deposits to be reported.
- B. **Test Procedure:**
 - 1) On command line enter MIL press enter
 - 2) Enter SSN and Function R (Print screen)

- 3) On command line enter PERACT press enter
 - 4) Enter SSN and NOAC 350 and 317 for the two employees
 - 5) Process and MATURE
 - 6) On Command line Enter MIL enter
 - 7) Print screen (TRANS OUT amount should be generated)
 - 8) On command line enter BJSMM press enter
 - 9) Choose option 2, Schedule and Submit job EXP0006
 - 10) On command line enter BJSMM enter
 - 11) Choose option 3 Schedule and Submit job NA00555
 - 12) Change center to NASA enter
 - 13) Choose option 2, Schedule and Submit job CAEE006
 - 14) Print Datasets
- C. **Validation:** Verify Cumulative military deposit is displayed on L&E for the pay period of separation.
9. **20020108**
- A. **Purpose:** Modify NPPS to change the sort order on CA00466 - LTC Premiums and Deductions Report, to sort by center.
 - B. **Test Procedure:**
 - 1) Select employees that have Long Term Care deductions.
 - 2) Schedule/Submit/Run CA00460 – LTC Update.
 - 3) Schedule/Submit/Run CA0003 – Time and Attendance Update and CA0004 – Batch Payroll Final Pay Reports, to run for current pay period
 - 4) Schedule/Submit/Run CA00466 - LTC Premiums and Deductions.
 - C. **Validation:**
 - 1) Verify that the CA00466 job runs to completion and without error.
 - 2) Verify sequence of centers on Report 466 - Long Term Care Premiums And Deductions Report is in order according to center and not LTC data.
 - 3) Verify report has Pay Period even when there is no LTC data.
 - 4) Verify there is the agency total page at the end of the report.
10. **20020119**
- A. **Purpose:** To modify calculation of limited Availability Pay for Law Enforcements.

- B. **Test Procedure:** Select a test Law Enforcement Officer (OCC Code = 1811) for whom Availability Pay at 25% of Adjusted Basic Pay would put the employee's pay over the statutory limit. This amount is now the greater of Level V of the Executive Schedule or General Schedule, Grade 15, Step 10.
- 1) Determine the maximum Availability Pay amount. This amount is always 25% of the employee's Adjusted Basic Pay (i.e., Adj Bas Pay x 25%).
 - 2) Determine the greater of
 - a) Amount in REX2, Level 5, and
 - b) Amount in GS 15, Step 10, plus the Effective Locality Pay rate, where "effective" refers to the locality pay rate that would apply if the target employee was a GS 15, Step 10.
 - 3) Compare the sum of the employee's Adjusted Basic Pay and the maximum Availability Pay determined in step 1 above with the amount determined step 2 above.
 - a) If this amount (from step 3) is equal to or less than the amount determined in step 2, Availability Pay equals 25% of the employee's Adjusted Basic Pay.
 - b) If this amount (from step 3) is greater than the amount determined in step 2, the employee's Availability Pay must be reduced as shown below.
 - 4) Calculate the difference between
 - a) Employee's Adjusted Basic Pay plus 25% (i.e., Adj Bas Pay x 1.25), and
 - b) Amount from step 2 above.
 - 5) Calculate reduced Availability Pay amount by subtracting the amount determined in step 4 above from the amount determined in step 1 above.
- C. **Validation:** Verify the limited Availability Pay is calculated as shown above.

**NASA PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
SOFTWARE RELEASE 8.8
APRIL 10, 2003**

The purpose of this release is to implement the changes allocated to software release 8.8 described below.

SOFTWARE RELEASE 8.8

RC 1620s IMPLEMENTED

CCR	Description
20010056	Transportation Fringe Benefit Program
20020090	EE New Transaction 0089
20020095	CA Qtrly Wage Tape needs Zeroes
20020103	NAT1316 on Browse of TDEGSCH (bump to 5000)
20020105	Rpt 200 Net Earn Truncated
20020107	L&E - Cum Mil Dep Missing at Separation
20020108	Rpt 466 "No Recs for Center" Message
20020119	Avail Pay for LEO's
20030005	EEICD Information Removed from the Web (ER)

***** RECORD COUNT = 09

DR 1620s IMPLEMENTED

CCR	Description
20020055	EXTCT Full or Partial Hr Amt
20020102	L&E on Web – Nite Diff Earn Incorrect

***** RECORD COUNT = 02

APPENDIX D
INSTALLATION INSTRUCTIONS

**NASA PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
SOFTWARE RELEASE 8.8
April 10, 2003**

Introduction

Release Date – April 10, 2003

Release Inventory:

Dataset Names:

The following dataset is located on the transient storage DASD volumes under the following dataset name:

- MSMOV.NPPS.PROD.R880.R0403.SRC
- MSMOV.NPPS.PROD.R880.R0403.GLS
- xxMOV.NPPS.PROD.R880.R0403.PRD

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

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 Catalogue 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

2.1 Copy Source Modules

When installing software release 8.8, load the NPPS new and modified programs from dataset MSMOV.NPPS.PROD.R880.R0403.SRC using the Natural utility NATLOAD. The source programs were unloaded using the Natural utility NATUNLD. 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
Copycode	1
Maps	9
Helproutines	1
Subroutines	2
Subprograms	2
Local/Param Data Areas	7
Programs	44
Text	0
Process	0
Miscellaneous Objects	0
=====	
Total Programming Objects	66
Total Views Unloaded	0
Total Objects Read	66
Total Object Unloaded	66

2.2 List of Source Code Modifications

The following is a list of all modules that were modified for the software release 8.8.

Module	Description
EEB001	Read Transactions In From OPM
EEB006	L&E File for Web
LDA6160B	NPS2-PAYHIST-ONE View
NAB201	Transaction Report Driver
NAB202	Payroll Register
NAB202A	Print the Payroll Register
NAB408	Withholding Tax Report
NAB408B	Withholding Tax Report
NAB408C	Withholding Tax Report
NAB408D	Withholding Tax Report
NAB418	W-2 Wage and Tax Statement, Create W2 Tape
NAB419	Checkout Report for W-2 Tax Forms
NAB419A	W-2 Checkout for Non-NPPS Employee
NAB419B	Grand Total Page
NAB419C	Agency Total Page
NAB466	LTC Report
NAB555	Leave and Earnings Module
NAB557	Reprint L&E Statements
NAB6045	Generate CA Quarterly Wage Tape

Module	Description
NAB6050	End Of Year Update
NAB6060	Pay Period Initialization
NAB6160	History Update Part 1
NAB6161	History Update Part 2
NAF200B1	Report 200 Form
NAL3161B	Local Data Area
NAL6161A	NPS2-PAYHIST-TWO View
NAM0120	Master Selection Menu
NAM1321	Extended Compensatory Time
NAM1410	Former State Tax Screen
NAM1420	Former City Tax Screen
NAM1593	Pay Period History Summary
NAM1760	Mass Extended Comp Time Screen
NAM555A	Leave and Earnings Map
NAO1001	Master Selection Menu
NAO1241B	Federal and State Taxes
NAO1242B	City and County Taxes
NAO1321	Extended Compensatory Time
NAO1410	Former State Tax
NAO1420	Former City Tax
NAO1591	Pay Period History Summary
NAO1760	Mass Extended Comp Time Screen
NAO3150A	Official Pay Record - Ret-FICA
NAO3150B	Official Pay Record - HIT-FICA
NAO3150C	Official Pay Record - Net Pay
NAO3150D	Official Pay Record - State Tax
NAO3150F	Official Pay Record - Net Pay
NAO3150G	Official Pay Record - Net Pay
NAO3160B	Official Pay Record - Backout
NAO9120O	Calculate State Tax
NAO9120P	Calculate State Tax
NAO9120R	Calculate State Tax
NEH1110H	PERACT Field Level Help
NEO1900A	Screen A Edits
NLD9100S	Parallels NSS9100
NPB000LA	PAY-MASTER view
NPB000LD	Comb view of PAY, MER, ADDR
NPL310LA	NPS2-Address-File-View
NPS606SA	Breakout Code from NAB6060
NSS1900J	Calculate Other Pay
NSS6161	PAYHIST-TWO Store
NSS9100	State Tax Copycode

RELEASE PROGRAMS (MOD) ==> 61

2.3 List of Source Code Additions

The following is a list of all modules that were created for the software release 8.8.

Module	Description
NAM1285	TFBP Screen
NAO1285	TFBP Screen
NPTL0053	Unload Address File
NPTL0054	Reload Address File
NSS201ZE	TFBP Detail for Report 201

RELEASE PROGRAMS (NEW) ==> 05

2.4 List of Source Code Deletions

Not applicable

3.0 PRE-PREDICT DATA CONVERSION

Tool NPTL0053 must be run to unload file 220 (NPS2-ADDRESS-FILE) to a sequential dataset. Must be run first in the sequence of events to add the new TFBP former city and state tax fields.

4.0 INSTALL PREDICT

4.1 Data Dictionary Changes

This release includes the enhancements for version 8.8.0. Details for changes in this release can be found under paragraph 4.1.3, Physical File Changes, or by performing Predict reporting on the keyword NPPS-8.8.0.

Use SYSDICBE to load the PREDICT modifications from the dataset xxMOV.NPPS.PROD.R880.R0403.PRD.

The following NPPS Data Definition Modules (DDMs) should be generated after the PREDICT load is complete.

NPS2-PAY-MASTER
 NPS2-PAY-PHYSICAL
 NPS2-ADDRESS-FILE
 NPS2-PAYHIST-ONE
 NPS2-PAYHIST-TWO

4.1.1 Inventory of Objects

The object types and inventory listed below represent a comprehensive count of the PREDICT object modules for this release.

Predict Objects by Type:

Keyword	1
Standard Files	0
Conceptual Files	2
ADABAS Files and Views	14

4.1.2 Storage Considerations

The changes represented by this release should not affect storage requirements.

4.1.3 Physical File Changes

Delete and rebuild the following file (empty), using the new Predict information sent with this release. The files will be populated in step 7.0 POST-PREDICT DATA CONVERSION using the datasets created in step 3.0 PRE-PREDICT DATA CONVERSION.

NPS2-ADDRESS-FILE file # 220

The following new PE group fields were added:

Ty L Field ID	F	Length	Occ	D	U	DB	S
*- - - - -	*	- - - - -	- - - - -	*	*	- -	*
TFBP-FRMR-ST-YTD-AMT	N	8.2				BG	N
TFBP-FRMR-CITY-YTD-AMT	N	8.2				BO	N
TFBP-FRMR-ST-QTD-AMT	N	8.2				BF	N
TFBP-FRMR-ST-MTD-AMT	N	8.2				BB	N
TFBP-FRMR-CITY-QTD-AMT	N	8.2				BN	N
TFBP-FRMR-CITY-MTD-AMT	N	8.2				BI	N

Use the ADABAS Utility commands listed below to build the JCL for the file changes. Cut and paste the ADADBS control statements directly into the TSO

ISPF editor. Call RICK BISHOP (256) 544-5352 with any questions or problems.

Add the following fields:

NPS2-PAY-MASTER

File # 227

Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*--	-	-----	*--	-----	-----	*	*	--	*
1		PAY-TFBP-FED-ENTRD-AMT	N	4.2				BM	N
1		PAY-TFBP-ST-ENTRD-AMT	N	4.2				BN	N
1		PAY-TFBP-CITY-ENTRD-AMT	N	4.2				BO	N

Using the following commands:

```
//DDKARTE DD *  
ADADBS NEWFIELD FILE=227  
ADADBS FNDEF='01,BM,6,U,NU'  
ADADBS FNDEF='01,BN,6,U,NU'  
ADADBS FNDEF='01,BO,6,U,NU'  
/*
```

NPS2-PAYHIST-ONE

File # 225

Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*--	-	-----	*--	-----	-----	*	*	--	*
1		TFBP-BW-FED-AMT	N	8.2				OX	N
1		TFBP-BW-ST-AMT	N	8.2				OY	N
1		TFBP-BW-CITY-AMT	N	8.2				OZ	N

Using the following commands:

```
//DDKARTE DD *  
ADADBS NEWFIELD FILE=225  
ADADBS FNDEF='01,OX,10,U,NU'  
ADADBS FNDEF='01,OY,10,U,NU'  
ADADBS FNDEF='01,OZ,10,U,NU'  
/*
```

NPS2-PAYHIST-TWO

File # 226

Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*--	-	-----	*--	-----	-----	*	*	--	*
1		TFBP-FED-QTD-AMT	N	8.2				TD	N
1		TFBP-FED-YTD-AMT	N	8.2				TE	N
1		TFBP-ST-MTD-AMT	N	8.2				TF	N
1		TFBP-ST-QTD-AMT	N	8.2				TG	N
1		TFBP-ST-YTD-AMT	N	8.2				TH	N
1		TFBP-CITY-MTD-AMT	N	8.2				TI	N
1		TFBP-CITY-QTD-AMT	N	8.2				TJ	N

1	TFBP-CITY-YTD-AMT	N	8.2	TK	N
1	TFBP-FRMR-ST1-MTD-AMT	N	8.2	TL	N
1	TFBP-FRMR-ST1-QTD-AMT	N	8.2	TM	N
1	TFBP-FRMR-ST1-YTD-AMT	N	8.2	TN	N
1	TFBP-FRMR-ST2-MTD-AMT	N	8.2	TO	N
1	TFBP-FRMR-ST2-QTD-AMT	N	8.2	TP	N
1	TFBP-FRMR-ST2-YTD-AMT	N	8.2	TQ	N
1	TFBP-FRMR-ST3-MTD-AMT	N	8.2	TR	N
1	TFBP-FRMR-ST3-QTD-AMT	N	8.2	TS	N
1	TFBP-FRMR-ST3-YTD-AMT	N	8.2	TT	N
1	TFBP-FRMR-CITY1-MTD-AMT	N	8.2	TU	N
1	TFBP-FRMR-CITY1-QTD-AMT	N	8.2	TV	N
1	TFBP-FRMR-CITY1-YTD-AMT	N	8.2	TW	N
1	TFBP-FRMR-CITY2-MTD-AMT	N	8.2	TX	N
1	TFBP-FRMR-CITY2-QTD-AMT	N	8.2	TY	N
1	TFBP-FRMR-CITY2-YTD-AMT	N	8.2	TZ	N
1	TFBP-FRMR-CITY3-MTD-AMT	N	8.2	UA	N
1	TFBP-FRMR-CITY3-QTD-AMT	N	8.2	UB	N
1	TFBP-FRMR-CITY3-YTD-AMT	N	8.2	UC	N

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=226
ADADBS FNDEF='01,TD,10,U,NU'
ADADBS FNDEF='01,TE,10,U,NU'
ADADBS FNDEF='01,TF,10,U,NU'
ADADBS FNDEF='01,TG,10,U,NU'
ADADBS FNDEF='01,TH,10,U,NU'
ADADBS FNDEF='01,TI,10,U,NU'
ADADBS FNDEF='01,TJ,10,U,NU'
ADADBS FNDEF='01,TK,10,U,NU'
ADADBS FNDEF='01,TL,10,U,NU'
ADADBS FNDEF='01,TM,10,U,NU'
ADADBS FNDEF='01,TN,10,U,NU'
ADADBS FNDEF='01,TO,10,U,NU'
ADADBS FNDEF='01,TP,10,U,NU'
ADADBS FNDEF='01,TQ,10,U,NU'
ADADBS FNDEF='01,TR,10,U,NU'
ADADBS FNDEF='01,TS,10,U,NU'
ADADBS FNDEF='01,TT,10,U,NU'
ADADBS FNDEF='01,TU,10,U,NU'
ADADBS FNDEF='01,TV,10,U,NU'
ADADBS FNDEF='01,TW,10,U,NU'
ADADBS FNDEF='01,TX,10,U,NU'
ADADBS FNDEF='01,TY,10,U,NU'
```

```
ADADBS FNDEF='01,TZ,10,U,NU'  
ADADBS FNDEF='01,UA,10,U,NU'  
ADADBS FNDEF='01,UB,10,U,NU'  
ADADBS FNDEF='01,UC,10,U,NU'  
/*
```

5.0 INSTALL DATA GLOSSARY

Load the ADABAS file NPS2-DATA-GLOSSARY (file #243, 4352 records) from the dataset MSMOV.NPPS.PROD.R880.R0403.GLS using the following ADABAS ADASAV utility commands.

```
ADASAV RESTORE OVERWRITE  
ADASAV FMOVE=243
```

6.0 CATALOG SOURCE CODE

When installing software release 8.8, 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

Tool NPTL0054 must be run to load file 220 (NPS2-ADDRESS-FILE) to the ADABAS file from the sequential dataset.

8.0 JCL/BJS/Xerox MODIFICATIONS

JCL/BJS

NPB000PA / Master File Change

As a result of changing NPB000LD, the LRECL of the master work file was changed from 9669 to 9699 (30 bytes) and the BLKSIZE was changed from 29007 to 19398 in all job streams that contain the &&MASTER file.

CA00418/CA00023

Adding the TFBP to NAB418 resulted in JCL changes to CA00418 and CA00023. The tape step (CMWKF05 and allocate step) will go from LRECL=494 to LRECL=536 and BLKSIZE=23218 to BLKSIZE=25192.

CA00419

Adding the TFBP to NAB419 resulted in JCL changes to CA00419 and any other job streams containing the program. If these are temporary work files, then no changes to JCL are needed. If they are permanent work files then add 10 bytes to work file 6 and work file 9 and increase the block size accordingly.

CA00408

Adding the TFBP to NAB408 resulted in JCL changes to CA00408 and any other job streams containing the program. If these are temporary work files, then no changes to JCL are needed. If they are permanent work files then add 12 bytes to work file 27; add 20 bytes to work file 25 and increase the block size accordingly.

Xerox

L&E Form

A new Xerox form has been created for the Leave and Earnings Statement. This form name is LE7. This change incorporates the new TFBP amounts.

The new form will be distributed to the Xerox contacts at each center via diskette or e-mail attachment whichever is applicable to the center.

External Datasets

The existing GDG generations of the Leave and Earnings Statement created using pre-8.8.0 software (NA00555) will not run with the new Xerox form. A copy of the pre-8.8.0 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 process will update the NPPS software numbers:

1. Execute program TOOLVRSN from the Natural Command line.
2. When installing software release 8.8, enter "8.8" for software version number.
3. Press ENTER; a confirmation message displays.
4. Press PF3 to exit the program.

9.2 Applicable Tables Updates

These core tables changes must be applied either manually or by a table release when this release software is installed:

TPAYMSG 3309 *** NEGATIVE TFBP ENTRY RESULTS IN ONE OR MORE
NEGATIVE TFBP ACCUMULATORS

TPAYMSG 3310 *** STATE TFBP ENTRY RESULTS IN NEGATIVE CURRENT STATE
EARNINGS

TPAYMSG 3311 *** CITY TFBP ENTRY RESULTS IN NEGATIVE CURRENT
CITY EARNINGS

TPAYMSG 3312 *** FEDERAL TFBP ENTRY RESULTS IN CURRENT
NEGATIVE EARNINGS

9.3 Add New Command Table Entry

A new entry must be added for the TFBP screen.

On CMDTBL add a new entry:

TEMPLATE: TFBP
SUBSYSTEM: PA
PROCESSOR: NAO1285
DESCRIPTION: Trans Fringe Benft
INDEX: will be system assigned
COMMAND LINE PROCESSING: Y
LOCAL TABLE: blank

9.4 Update Security for New Command Table Entries

The following process will update security profiles for the new TFBP command and should be run after the TFBP screen is added via the CMDTBL:

1. Execute program NPO1400 from the Natural Editor.

9.5 Update Help for New Screen

Help File – Help can be added for the TFBP Screen parameter screen via the instructions in section 4.3.1.4 (Help Maintenance) of the UOG.

10.0 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 Catalogue Source Code
- 7.0 Post-Predict Data Conversion
- 8.0 JCL/BJX/Xerox Modifications
- 9.0 Special Instructions
- 10.0 Installation Checklist