

***NASA Personnel Payroll System
(NPPS)/Flexible Spending Account
(FSA) Interface Definition
Agreement***

**April 8, 2004
Version 1, Revision 2**



National Aeronautics and
Space Administration

Marshall Space Flight Center
Huntsville, Alabama

NASA Personnel Payroll System (NPPS)/ Flexible Spending Account (FSA) Interface Definition Agreement

April 8, 2004

Submitted By:

Hector Garcia
SESAAS Manager

04/08/04

Date

Concurrence:

Cindy King
Manager

04/08/04

Date

Concurrence:

Marisa Wofford
Project Manager

04/08/04

Date

Marshall Space Flight Center
Huntsville, Alabama 35812

Document Change Record

Document History			
Date of Change	CR#	Change Description	Changed by
09/01/03 Revision 1	20030039	Initial Software Release	SESAAS
04/08/03 Revision 2	20030115	Add FSA YTD Limits	SESAAS

4.4 Mechanism

NPPS is a mainframe application that was written using the NATURAL programming language. This application runs against the ADABAS database management system (DBMS).

The mechanism for completing the interface requirements will be as follows:

- SHPS will send the FSA-to-NPPS interface file via FTP Secure SSH2
- NPPS will generate the NPPS to FSA interface file, in a batch mode, on a bi-weekly basis. All centers' deduction data will be extracted at one time.
- A bi-weekly SHPS job stream will retrieve the NPPS interface file and process accordingly. SHPS will be notified when the file is available or be provided with a file retrieval schedule.

4.5 Error Handling

The NPPS Operational Support Team and the SHPS Support Group will be responsible for resolving any data exchange errors or exceptions. Errors involving the data contents of the interface files will be handled with cooperation between SESAAS and the SHPS Support Group.

4.6 File Format

The NPPS/SHPS interface file and record format are defined in Appendix A and Appendix B. General formatting standards or criteria used for this interface file will be as follows:

- A column-oriented, fixed record length, ASCII character flat file
- All fields will be right justified
- Character fields space filled to the left
- Numeric fields zero filled to the left
- The ASCII carriage return will be used to mark the end of a record
- **FSA allotment and deduction values may be negative**