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NASA Policy Directive

NPD 8900.4D

Effective Date: April 27, 1999

Expiration Date: April 27, 2019

COMPLIANCE IS MANDATORY[Printable Format \(PDF\)](#)

Request Notification of Change (NASA Only)

Subject: NASA Use of Global Positioning System Precise Positioning Service (Revalidated 9/25/14)

Responsible Office: Human Exploration and Operations Mission Directorate

Chg#	Date	Description/Comments
1	09/25/2014	Update to comply with 1400 Compliance, with administrative changes, and title changes.

1. POLICY

a. It is NASA policy to request, on a case by case basis, permission from the Department of Defense (DoD) to make use of the Global Positioning System (GPS) Precise Positioning Service (PPS) when it has been determined that a project using GPS requires the following:

- (1) Extreme near real-time position or time accuracy; or,
- (2) Protection against intentional or unintentional disruption of the GPS signal.

2. APPLICABILITY

a. This NPD is applicable to NASA Headquarters and NASA Centers, including Component Facilities and Technical and Service Support Centers, and the Jet Propulsion Laboratory (JPL), a Federally Funded Research and Development Center (FFRDC) as specified in the contract.

b. In this directive, all document citations are assumed to be the latest version unless otherwise noted.

c. In this directive, all mandatory actions (i.e., requirements) are denoted by statements containing the term "shall." The terms: "may" or "can" denote discretionary privilege or permission, "should" denotes a good practice and is recommended, but not required, "will" denotes expected outcome, and "are/is" denotes descriptive material.

3. AUTHORITY

a. The National Aeronautics and Space Act, as amended, 51 USC 20113(a).

b. Interagency Agreement (IA) between the DoD and NASA for Access to and Use of the GPS PPS, initial document established November 10, 1990.

4. APPLICABLE DOCUMENTS AND FORMS

None.

5. RESPONSIBILITY

a. The Deputy Associate Administrator for the Space Communications and Navigation (SCaN) Program within the Human Exploration and Operations Mission Directorate (HEOMD) is responsible for the following:

- (1) Acting in the capacity of the designated single focal point within NASA as specified in the IA.

(2) Advising NASA GPS PPS users on any changes in DoD operating procedures that may impact NASA projects using the GPS PPS.

b. All NASA Centers, Component Facilities, and JPL (an FFRDC), are responsible for the following:

(1) Submitting proposed annexes to the DoD/NASA IA on access and use of GPS PPS to the Deputy Associate Administrator for SCA/N with HEOMD as soon as the need for the PPS is identified.

(2) Acquiring any required PPS-related user equipment upon notification of agreement to add the annex to the IA.

(3) Coordinating with the Center/facility Communication Security (COMSEC) Account Manager (CAM) in the handling of GPS PPS equipment and keying materials.

6. DELEGATION OF AUTHORITY

None.

7. MEASUREMENT/VERIFICATION

None.

8. CANCELLATION

None.

REVALIDATED 9/25/14, ORIGINAL SIGNED BY:

**/s/ Daniel S. Goldin,
Administrator**

ATTACHMENT A: (TEXT)

None.

(URL for Graphic)

None.

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