

**Memorandum of Understanding  
Between the  
Department of Defense  
and the  
Department of the Interior**

**ACCESS TO AND USE OF THE GLOBAL POSITIONING SYSTEM  
PRECISE POSITIONING SERVICE**

**1. PURPOSE**

This Memorandum of Understanding (MOU) establishes policies and procedures whereby the Department of the Interior (DOI) is provided access to and use of the Precise Positioning Service (PPS) of the Navstar Global Positioning System (GPS).

**2. BACKGROUND**

The satellite-based GPS, which is developed and operated by the Department of Defense (DOD), provides two levels of positioning accuracy: the Standard Positioning Service (SPS) and the Precise Positioning Service (PPS). The PPS is the more accurate level of service. Access to the higher accuracy PPS signals is controlled through the use of cryptographic techniques.

DOD policy states that access to and use of PPS will be limited to U.S. and allied military forces. Additional access may be provided to other government and selected private sector users once appropriate security requirements and other selection criteria are met. This agreement specifies the terms and conditions under which DOI, as an authorized user, may obtain access to the GPS PPS.

**3. APPLICABLE DOCUMENTS**

The following documents are applicable to the policies and procedures outlined in this agreement:

- a. *Executive Order 12356, April 2, 1982, "National Security Information"*
- b. *Space and Missile Systems Center Navstar GPS Security Classification Guide, current edition*
- c. *National Telecommunications and Information Systems Security Instruction, Number 3006, 28 June 1988*
- d. *Rules for Obtaining NAVSTAR GPS Security Devices, March 12, 1993*

**4. AUTHORITY**

This MOU is entered into under the authority of Federal Acquisition Regulation (FAR) Subpart 17.5, Interagency Acquisitions Under the Economy Act (31 U.S.C. 1535).

## **5. JOINT RESPONSIBILITIES**

The DOD and DOI agree to designate a single focal point within their respective agencies for all GPS-related matters and to apprise one another of any changes in the designated focal point. The designated DOD focal point is the Assistant Secretary of Defense for Command, Control, Communications and Intelligence (ASD (C3I)). The designated DOI focal point is the Assistant Secretary for Water and Science.

## **6. DOD RESPONSIBILITIES**

In order to fulfill its responsibilities under this agreement, the DOD will:

- a. Fund for, establish, operate, and maintain a constellation of GPS satellites and associated ground control network.
- b. Notify DOI of any changes in GPS PPS operations that may impact DOI's use of the PPS.
- c. Establish security requirements with which DOI must comply in order to use the GPS PPS.
- d. Establish procedures and mechanisms whereby the necessary cryptographic material will be made available to DOI in order to access the PPS. This agreement constitutes authority for DOI to obtain GPS PPS keying material from the National Security Agency (NSA) and for the establishment of a cryptographic account(s) whereby DOI may obtain GPS PPS keying material.
- e. If requested, assist DOI in obtaining PPS user equipment.

## **7. DOI RESPONSIBILITIES**

In order to fulfill its responsibilities under this agreement and qualify as an authorized GPS PPS user, DOI will:

- a. Become cognizant of and comply with DOD GPS PPS-related security requirements and provisions.
- b. Fund for and obtain PPS capable user equipment in sufficient quantities to support authorized DOI users.

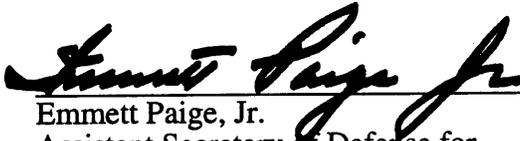
## **8. DELEGATION of AUTHORITY**

The Deputy Assistant Secretary of Defense for Command, Control and Communications is delegated authority to sign annexes to this agreement, if required, on behalf of the DOD. Authority to sign annexes on behalf of the DOI is delegated to DOI Deputy Bureau Heads.

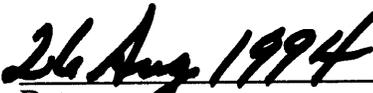
9. AMENDMENT AND TERMINATION

This agreement will be reviewed annually by DOD and DOI to determine the need for modifications or amendments. The agreement may be amended by mutual agreement or terminated by either party. Either party shall provide a minimum of 90 days advance notice to the other party of the proposed date of such termination.

This agreement is effective from the date of signature of both parties and will terminate on December 31, 2000, unless extended by mutual agreement.

  
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Emmett Paige, Jr.  
Assistant Secretary of Defense for  
Command, Control, Communications  
and Intelligence  
Department of Defense

  
for \_\_\_\_\_  
Elizabeth Ann Rieke  
Assistant Secretary for Water and Science  
Department of the Interior

  
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