



DEPARTMENT OF THE AIR FORCE

WASHINGTON D.C. 20330-1000

Office Of The Under Secretary

08 DEC 2000

MEMORANDUM FOR SEE DISTRIBUTION

FROM: SAF/IAPX
1080 Air Force Pentagon
Washington, D.C. 20330-1080

SUBJECT: LOA Note Regarding Authorized Release and Transfer of Global Positioning System (GPS/PPS) Equipment (**IAPX 00024**)

- References: (a) DSCA Policy Memorandum, I-00/005896-PMD, Subject: LOA Note Regarding Authorized Release and Transfer of Global Positioning System (GPS/PPS) Equipment (DSCA 00-06), 22 May 00
- (b) DoD 5105.38-M, SAMM E-Change 13, Subject: Case note for LOA's for GPS/PPS equipment, 22 May 00
- (c) SAF/IAX Policy Memorandum, IAX97022, Subject: Policy on Release and Transfer of Global Positioning System/Precise Positioning Service (GPS/PPS) Equipment, 20 Aug 1997

This memorandum implements DSCA policy guidance within the U.S. Air Force.

This change supercedes reference c, above which provided revised ADUSD (Space Policy) disclosure policy for GPS/PPS equipment and approved LOA Special Terms and Conditions for incorporation in GPS FMS Cases, as appropriate.

The DSCA Policy Memo, reference a, above added the requirement to include a case note for all LOA's for GPS/PPS equipment.

DoD limits the availability of GPS/PPS equipment to our FMS customers by identifying them as members of GPS Country Groups A, B, C or D. Those countries that are in GPS Country Groups A, B or C are delineated specific GPS/PPS authorizations as identified in a MOA or MOU between the US DoD and the applicable foreign ministries of defense. Those countries in Group D are nations that have been granted limited access and the LOA serves the purpose of an MOA/MOU.

Depending upon which group the country is in, they may have access to GPS/PPS technical information; for the use and procurement of specific types of GPS/PPS host application equipment (HAE), security devices, and associated software; for the manufacture and sale of hardware and software for specific types of GPS/PPS HAE and security devices, for the maintenance of GPS/PPS HAE hardware and software; and for GPS/PPS satellite signal simulators (SSS).

The appropriate GPS/PPS Note for Groups A,B,C and D is identified in reference b, above. By identifying what GPS Country Group the country is assigned to in the LOA, the case reader can identify the GPS/PPS authorizations granted to the nation. DoD GPS Security Policy, 29 Mar 99, reference a ~~of reference a~~, above, was distributed on a limited basis.

POC is IAPX is Mr. John Lucacos, (CML) 703-588-8365, (DSN) 425-8365, (FAX) 425-8898, (E-mail) john.lucacos@pentagon.af.mil.



TERRY L. BATES
Chief, Policy Division
Policy Directorate, Deputy Under Secretary, Int'l
Affairs

Attachment:
DSCA Policy Memo 00-06

DISTRIBUTION:
See Attached List

DISTRIBUTION LIST
SAF/IA POLICY LETTERS

AFSAT/CC
315 J Street West
Randolph AFB TX 78150-4354

DFAS-DE/ID/IRCA/IX/IF
6760 East Irvington Place
Denver CO 80279-5000

HQ AMC/FMP
402 Scott Drive, Unit 1K1
Scott AFB IL 62225-5311

HQ AMC TACC/XOOK
402 Scott Drive, Unit 2K1
Scott AFB IL 62225-5363

ANGRC/FMBO
1411 Jefferson Davis Hwy
Arlington, VA 22202-3231

HQ ACC/DOTS
205 Dodd Blvd, Suite 101
Langley AFB VA 23665-2789

HQ AFMC/IA
4225 Logistics Ave
Wright-Patterson AFB OH
45433-5006

HQ PACAF/XPXP
Security Assistance Office (SAO)
25 E Street, Suite F207
Hickam AFB HI 96853-5417

HQ AFSPC/XPIP
150 Vandenberg St, Suite 1105
Peterson AFB CO 80914-4620

HQ USAFE/LGXI
Unit 3050, Box 105
APO AE 09094-0105

ANG/XP
1411 Jefferson Davis Hwy
Arlington, VA 22202-3231

NGB-ZI
1411 Jefferson Davis Hwy
Arlington, VA 22202-3231

CPSG/ZSP,
230 Hall Blvd, Suite 202
San Antonio TX 78243-7057

HQ AFSPC/XPIP
150 Vandenberg St, Suite 1105
Peterson AFB CO 80914-4620

SAF/FMBIS
Pentagon, Room 4D223

SAF/GCI
Pentagon, Room 4C941

SAF/IAPA

SAF/IAPD

SAF/IARE

SAF/IARL

SAF/IARM

SAF/IARP

SAF/IAPQ

SAF/IARS

SAF/IARW

DISTRIBUTION LIST
SAF/IA POLICY LETTERS

cc:

AFSAC/IA
4225 Logistics Ave
Wright-Patterson AFB OH
45433-5006

DISAM/DMC
Bldg 125
2335 7th Street
Wright-Patterson AFB OH
45433-7803

ASC/SYM (Deskbook)
ATTN: Mr. Joe Smith
2275 D. St, Bldg 16, Room 106
WPAFB, OH 45458-7233

Please review this distribution list to ensure organizational names and mailing address are current. If your office no longer requires information concerning security assistance policies and procedures, please contact Lewis Witt, SAF/IAPX, email lewis.witt@pentagon.af.mil to update your information.



DEFENSE SECURITY COOPERATION AGENCY

WASHINGTON, DC 20301-2800

22 MAY 2000

In reply refer to:
I-00/005896-PMD

MEMORANDUM FOR DEPUTY UNDER SECRETARY OF THE ARMY
(INTERNATIONAL AFFAIRS)
DEPARTMENT OF THE ARMY

DIRECTOR, NAVY INTERNATIONAL PROGRAMS OFFICE
DEPARTMENT OF THE NAVY

DEPUTY UNDER SECRETARY OF THE AIR FORCE
(INTERNATIONAL AFFAIRS)
DEPARTMENT OF THE AIR FORCE

DIRECTOR, NATIONAL SECURITY AGENCY

SUBJECT: LOA Note Regarding Authorized Release and Transfer of Global Positioning
System (GPS/PPS) Equipment (DSCA 00-06)

REFERENCES: (a) Department of Defense Global Positioning System (GPS) Security
Policy, March 29, 1999

(b) DSCA Memorandum, 30 Jun 97, "Policy on Release and Transfer of
GPS/PPS Equipment"

Section 7 of reference (a) identifies Allied and friendly nations granted GPS PPS
access and divides the nations into four groups: Groups A, B, C, and D.

a. Specific GPS PPS authorizations for Groups A, B, and C are delineated in a
Memorandum of Agreement (MOA) or Memorandum of Understanding (MOU) between the
US DoD and the applicable foreign ministries of defense.

b. Group D countries are non-NATO nations that have been granted limited access
to the GPS PPS. Reference (b) mandates that the Letter of Offer and Acceptance (LOA) take
the place of the MOA/MOU for Group D Countries.

Reference (b) requires that the terms and conditions of GPS PPS equipment sales be
included as Special Terms and Conditions in the LOA. However, current practice does not
identify in the LOA whether the release and transfer of GPS PPS Equipment is being granted
to an MOU holding nation (specified as nations A, B and C above) or a non-MOU holding
nation (specified as nations D above). Without identifying this information in the LOA, the
case reader can not identify the GPS PPS authorizations concerning use, procurement,
manufacture, sale and maintenance of GPS PPS user equipment granted to the nation
identified in the LOA.

To ensure that all GPS PPS authorities are clear, all future LOAs for GPS PPS equipment must include a new note. This guidance supercedes that provided in reference (b). LOAs for GPS PPS equipment will include the following notes:

SAMM 70105.L.13 GPS/PPS Note

- a. Format for LOA (or amendment) note for Country Groups A, B and C:

Note: HARDWARE SECURITY. IAW Department of Defense Global Positioning System (GPS) Security Policy dated March 29, 1999 the government of [name of customer] is a member of GPS Country Group [enter A, B, C] and is thereby authorized to purchase the GPS PPS equipment identified in this LOA.

- b. Format for LOA (or amendment) note for Country Group D:

Note: HARDWARE SECURITY. IAW Department of Defense Global Positioning System (GPS) Security Policy dated March 29, 1999 the government of [name of customer] is a member of GPS Country Group D and the following security provisions apply:

SPECIAL LOA TERMS AND CONDITIONS FOR GPS PPS HOST APPLICATION EQUIPMENT (HAE)

1. Definition: GPS PPS HAE are all applications of electronic products which implement or contain any of the GPS PPS security functions, i.e., selective availability (SA), anti-spoofing (A-S), and associated cryptography. GPS PPS HAE receive and process the PPS signals transmitted from the GPS satellites. GPS PPS HAE are categorized as standalone, embedded, and integrated. Standalone HAE are self-contained GPS receivers which are capable of being operated independently of other systems. Embedded HAE are GPS receiver modules or circuit card assemblies which are intended to be integrated into other systems. Integrated HAE are enclosed multi-functional or multi-sensor systems which contain embedded GPS receivers.
2. Purchaser is authorized to purchase GPS HAE that have a security design approved by the GPS Joint Program Office as "UNCLASSIFIED/Controlled" when keyed.
3. Purchaser shall not use or permit the use of any GPS PPS HAE or related technical data, computer software, or components thereof, in any complete rocket system (including ballistic missiles, space launch vehicles, and sounding rockets) and unmanned air vehicle system (including cruise missile systems, target drones and reconnaissance drones) capable of delivering a payload larger than 500 kg beyond a range of 300 km without the prior written consent of the United States Government.
4. The Purchaser is not authorized to perform maintenance on GPS PPS security devices (the PPS Security Module (PPS-SM), Auxiliary Output Chip (AOC), combined PPS-SM/AOC device, Selective Availability Anti-Spoofing Module (SAASM), or SAASM Code Block (SCB)), equipment subassemblies containing GPS PPS security devices, or related GPS PPS software. If a malfunction of a GPS PPS HAE is isolated to a subassembly containing a GPS PPS security device, the faulty

subassembly shall be removed, replaced, and returned to the US Government for repair. If any GPS PPS security device or any subassembly containing a GPS PPS Security device is no longer needed or wanted, it shall be returned to the US Government for destruction.

5. The Purchaser shall provide for the protection of GPS PPS security devices from unauthorized access, theft, tampering, or loss.

6. The Purchaser is responsible for accountability by quantity for GPS PPS HAE purchased pursuant to this LOA. The Purchaser shall account for the GPS PPS HAE by performing equipment inventories at least annually and whenever there is a change in personnel responsible for GPS PPS HAE. Any incident involving unauthorized access to, or tampering with, theft, or loss of, GPS PPS HAE shall be reported to the US GPS Joint Program Office.

7. If the Purchaser decides to discontinue use of GPS PPS equipment, this LOA shall terminate with respect to GPS PPS equipment and all GPS PPS security devices shall be returned to the US Government.

8. This LOA does not include provision for the transfer of GPS/PPS cryptographic hardware and software technology, design, or manufacturing information.

Guidance in this memorandum is effective immediately and will be included in the Defense Acquisition Deskbook version of the SAMM as Interim Change 13. If you have any questions regarding this matter, please feel free to contact Beth Baker (703) 604-6612/DSN 664-6612, e-mail: beth.baker@osd.pentagon.mil or Dawn Burke (703) 601-3718/DSN 664-4464, e-mail: dawn.burke@osd.pentagon.mil.



MICHAEL S. DAVISON, JR.
LIEUTENANT GENERAL, USA
DIRECTOR

cc: NIMA
USASAC