

TABLE 1. COORDINATES OF THE PROPOSED RESEARCH AREA (PREFERRED ALTERNATIVE 3) SHOWN IN FIGURE 1 BEGINNING WITH LOCATION NUMBER 1 AND PROCEEDING CLOCKWISE THROUGH LOCATION NUMBER 12.

Point	N. Latitude			W. Longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
1	34	0	0	76	0	0
2	31	0	0	76	0	0
3	31	0	0	78	0	0
4	28	17	6.9	79	11	54.5
5	28	0	0	79	23	47.9
6	28	0	0	79	40	0
7	31	0	0	79	40	0
8	31	0	0	79	54	38.9
9	31	47	7.2	78	21	50.5
10	32	29	12.1	78	40	21.0
11	33	5	35.8	77	27	15.7
12	34	0	0	76	15	26.5

All other relevant regulations concerning HMS at 50 CFR part 635 would apply.

**Authority:** 16 U.S.C. 971 *et seq.* and 16 U.S.C. 1801 *et seq.*

Dated: December 21, 2007.

**Alan D. Risenhoover**

*Director, Office of Sustainable Fisheries, National Marine Fisheries Service.*

[FR Doc. 07-6290 Filed 1-2-08; 8:45 am]

**BILLING CODE 3510-22-S**

**DEPARTMENT OF COMMERCE**

**National Oceanic and Atmospheric Administration**

**RIN 0648-XE75**

**Marine Mammals; File No. 782-1676**

**AGENCY:** National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Commerce.

**ACTION:** Notice; issuance of permit amendment.

**SUMMARY:** Notice is hereby given that the National Marine Mammal Laboratory, 7600 Sand Point Way N.E., Seattle, WA, 98115 has been issued an amendment to Scientific Research Permit No. 782-1676-01, for research on marine mammals.

**ADDRESSES:** The amendment and related documents are available for review upon written request or by appointment in the following office(s):

Permits, Conservation and Education Division, Office of Protected Resources, NMFS, 1315 East-West Highway, Room 13705, Silver Spring, MD 20910; phone (301)713-2289; fax (301)427-2521.

**FOR FURTHER INFORMATION CONTACT:** Tammy Adams, (301)713-2289.

**SUPPLEMENTARY INFORMATION:** The requested amendment has been granted under the authority of the Marine Mammal Protection Act of 1972, as amended (16 U.S.C. 1361 *et seq.*) and the regulations governing the taking and importing of marine mammals (50 CFR part 216).

The original permit (No. 782-1676-00), issued on December 4, 2002 (67 FR 76728) authorized research on harbor seals (*Phoca vitulina*) and spotted seals (*P. largha*) in Alaska through December 31, 2007. Research activities covered by the original permit include aerial surveys and live captures of seals. Captured seals may be tagged, and have scientific instruments attached and various tissue samples collected. The original permit was modified by "minor amendment" in May 2004. The minor amendment (No. 782-1676-01) added permission to harass seals incidental to installation and periodic maintenance of camera systems. The current amendment (No. 782-1676-02) extends the duration of the permit through December 31, 2008.

Dated: December 26, 2007.

**P. Michael Payne,**

*Chief, Permits, Conservation and Education Division, Office of Protected Resources, National Marine Fisheries Service.*

[FR Doc. E7-25582 Filed 1-2-08; 8:45 am]

**BILLING CODE 3510-22-S**

**DEPARTMENT OF DEFENSE**

**Office of the Secretary**

[Transmittal Nos. 08-15]

**36(b)(1) Arms Sale Notification**

**AGENCY:** Department of Defense, Defense Security Cooperation Agency.

**ACTION:** Notice.

**SUMMARY:** The Department of Defense is publishing the unclassified text of a section 36(b)(1) arms sale notification. This is published to fulfill the requirements of section 155 of Public Law 104-164 dated 21 July 1996.

**FOR FURTHER INFORMATION CONTACT:** Ms. B. English, DSCA/DBO/CFM, (703) 601-3740.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittals 08-15 with attached transmittal, policy justification, and Sensitivity of Technology.

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Dated: December 26, 2007.

**L.M. Bynum,**

*OSD Federal Register Liaison Officer,  
Department of Defense.*

**BILLING CODE 5001-06-M**



**DEFENSE SECURITY COOPERATION AGENCY  
WASHINGTON, DC 20301-2800**

**DEC 18 2007**

**In reply refer to:  
I-07/012700-CFM**

**The Honorable Nancy Pelosi  
Speaker of the House of Representatives  
Washington, DC 20515-6501**

**Dear Madam Speaker:**

**Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 08-15, concerning the Department of the Navy's proposed Letter(s) of Offer and Acceptance to Switzerland for defense articles and services estimated to cost \$535 million. After this letter is delivered to your office, we plan to issue a press statement to notify the public of this proposed sale.**

**Sincerely,**

A handwritten signature in black ink, appearing to read "Jeffrey A. Wieringa".

**Jeffrey A. Wieringa  
Vice Admiral, USN  
Director**

**Enclosures:**

- 1. Transmittal**
- 2. Policy Justification**
- 3. Sensitivity of Technology**

**Same ltr to:**

**House  
Committee on Foreign Affairs  
Committee on Armed Services  
Committee on Appropriations**

**Senate  
Committee on Foreign Relations  
Committee on Armed Services  
Committee on Appropriations**

**Transmittal No. 08-15****Notice of Proposed Issuance of Letter of Offer  
Pursuant to Section 36(b)(1)  
of the Arms Export Control Act, as amended**

- (i) **Prospective Purchaser:** Switzerland
- (ii) **Total Estimated Value:**
- |                                 |                              |
|---------------------------------|------------------------------|
| <b>Major Defense Equipment*</b> | <b>\$ 150 million</b>        |
| <b>Other</b>                    | <b><u>\$ 385 million</u></b> |
| <b>TOTAL</b>                    | <b>\$ 535 million</b>        |
- (iii) **Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:** The "Upgrade 25 Program" to the current F/A-18C/D configuration aircraft includes the following: 20 AN/ASQ-228A(V) Advanced Tactical Forward Looking Infrared Radar (ATFLIR) Pods; 44 AN/ALR-67(V)3 Electronic Warfare Countermeasures Receiving Sets. The proposed sale also includes, improvements to the cockpit display systems, image, capture, handling, transmit, and receipt capability, Global Positioning System (GPS), and voice/data/video recording. Aircraft modifications will include integration of the AN/AAQ-228 LITENING Forward Looking Infrared (FLIR) Pod. Operational support for these modifications will be provided through upgrades to the mission data system through the purchase of the Joint Mission Planning System. Also included: engineering change proposals, system integration and testing, software development, integration, spare and repair parts, support and test equipment, publications and technical data, personnel training and equipment, U.S. Government and contractor engineering support services, and other related elements of logistics and program management support.
- (iv) **Military Department:** Navy (LAL)
- (v) **Prior Related Cases, if any:**  
FMS case SAI -\$1.6 billion-22Jun93  
FMS case LAC -\$283 million-30Jun00
- (vi) **Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid:** none

\* as defined in Section 47(6) of the Arms Export Control Act.

- (vii) **Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: See attached annex.**
  
- (viii) **Date Report Delivered to Congress: DEC 18 2007**

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**POLICY JUSTIFICATION****Switzerland – F/A-18C/D Upgrade 25 Program**

**The Government of Switzerland has requested a possible sale of “Upgrade 25 Program” equipment to enhance survivability and communications connectivity and to extend the useful life of 33 Swiss Air Force (SAF) F/A-18C/D aircraft. This phase of the F/A-18C/D “Upgrade 25 Program” will include: (20) AN/ASQ-228A(V) Advanced Tactical Forward Looking Infrared Radar (ATFLIR) Pods; (44) AN/ALR-67(V)3 Electronic Warfare Countermeasures Receiving Sets. The proposed sale also includes improvements to the cockpit display systems, image, capture, handling, transmit, and receipt capability, Global Positioning System (GPS), and voice/data/video recording. Aircraft modifications will include integration of the AN/AAQ-228 LITENING Forward Looking Infrared (FLIR) Pod. Operational support for these modifications will be provided through upgrades to the mission data system through the purchase of the Joint Mission Planning System. Also included: engineering change proposals, system integration and testing, software development, integration, spare and repair parts, support and test equipment, publications and technical data, personnel training and equipment, U.S. Government and contractor engineering support services, and other related elements of logistics and program management support. The estimated cost is \$535 million.**

**This proposed sale will contribute to the foreign policy and national security of the United States by helping to improve the security of a friendly country which has been, and continues to be, an important force for political stability and economic progress in Europe.**

**The Swiss Air Force has extensive experience operating the F/A-18C/D aircraft and should have no difficulty incorporating the upgraded capabilities into its forces. The SAF needs this upgrade to keep pace with high tech advances in sensors, weaponry, and communications.**

**The proposed sale of this equipment and support will not affect the basic military balance in the region.**

**The principal contractors will be:**

**The Boeing Company, McDonnell Douglas Corporation, of St. Louis, Missouri  
Northrop Grumman Corporation of Rolling Meadows, Illinois  
Raytheon Corporation of El Segundo, California  
Raytheon Corporation of Goleta, California  
Lockheed Martin Tactical Defense Systems of Archbald, Pennsylvania**

**There are no known offset agreements proposed in connection with this potential sale.**

**Implementation of this proposed sale will not require the assignment of any additional U.S. Government or contractor representatives in-country. However, it is estimated that 20 U.S. Government and 20 contractor representatives will participate in program management and technical reviews in-country for one-week intervals twice annually.**

**There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.**

**Transmittal No. 08-15**

**Notice of Proposed Issuance of Letter of Offer  
Pursuant to Section 36(b)(1)  
of the Arms Export Control Act**

**Annex  
Item No. vii**

**(vii) Sensitivity of Technology:**

**1. The hardware and software to be purchased will be used to upgrade existing F/A-18C/D Hornet aircraft as follows:**

**2. The AN/ASQ-228 Advanced Tactical Forward Looking Infrared Radar (ATFLIR) Pod is a multi-sensor, electro-optical targeting pod incorporating infrared, low-light television camera, laser rangefinder/target designator, and laser spot tracker. It is used to provide navigation and targeting for military aircraft in adverse weather. The ATFLIR is capable of high-resolution infrared imaging, and is Unclassified. This capability allows reduced visibility weapon delivery using the SAF's F/A-18C/D aircraft. While the ATFLIR hardware and software are Unclassified, specific details of its operational capabilities are Confidential.**

**3. The AN/ALR-67(V)3 Electronic Warfare Countermeasures Receiving Set is classified Confidential. This system provides information about radar threat warnings to the aircrew and to onboard Electronic Warfare (EW) equipment. The system is capable of detecting and evaluating friendly and hostile radar frequency threat emitters, identifying type of emitter, and locating the relative direction to the emitter. The software for the AN/ALR-67(V)3 consists of the Operational Flight Program and the User Data File which are classified Secret. These software programs contain threat parametric data used to identify and establish priority of detected radar emitters.**

**4. Integration on the purchaser's F/A-18C/D aircraft includes engineering change proposal kits to upgrade 26 F/A-18C and 7 F/A-18D aircraft as follows:**

**a. The Global Positioning System (GPS) upgrade to include MAGR 2000 with Selective Availability Anti-Spoofing Module (SAASM) and Complementary Navigation Message (CNM) for use with GPS--guided munitions. Employment of GPS Smart weapons requires the use of the CNM and Precise Position Service (PPS). The requirement is to upgrade to the PPS GPS system to provide CNM to GPS--Guided Weapons. GPS and Navigation Systems (GNS) act as the Center to coordinate military efforts. GNS offers the most advanced military GPS user equipment available, including avionics, high anti-jam systems, integrated GPS/INS navigators, and high performance Selective Availability Anti-Spoof Module (SAASM) receivers. The MAGR 2000 design is a GPS Receiver Applications Module (GRAM) based upon system architecture that is modular in design and incorporates modern electronics. The MAGR 2000 is a form, fit, and function backward compatible replacement of the MAGR, and provides enhancements to include improved acquisition and GPS solution performance, all-in-view GPS satellite tracking, and GPS integrity. The use of the SAASM security architecture significantly enhances the combatant commander's ability to use GPS precise positioning, velocity and time, in all environments. Complementary Navigation Message contains navigation message data demodulated from the GPS satellite signals that has been stripped of parity and packed together. All countries authorized PPS equipment can buy GPS receivers that output the CNM. MAGR 2000 includes CNM.**

**b. The upgrade of the ALR-67V(2) Radar Warning Receiver (RWR) to the ALR-67V(3) RWR provides increased sensitivity, dual polarity wave detection, and microwave wavelength detection in order to more thoroughly cover and detect the variety of newer waveforms that modern aircraft, ships, and ground sites emit.**

**c. The Joint Mission Planning System (JMPS) will provide mission planning capability for support of military aviation operations. It will also provide support for unit-level mission planning for all phases of military flight operations and have the capability to provide necessary mission data for the aircrew. JMPS will support the downloading of data to electronic data transfer devices for transfer to aircraft and weapon systems. A JMPS for a specific aircraft type will consist of basic planning tools called the Joint Mission Planning Environment (JMPE) mated with a Unique Planning Component (UPC) provided by the aircraft program. In addition, UPCs will be required for specific weapons, communication devices, and moving map displays in order for proper Mission Planning.**



**d. The Solid State Recorder (SSR) capabilities incorporated into the F/A-18C/D aircraft as both a replacement to the existing Cockpit Video Recording System (CVRS) as well as adding capability to capture and store Electro-optical/Infrared (EO/IR) Imagery. Use of SSR technology will overcome numerous obsolescence issues with the existing CVRS, provides greater memory capacity, and allows for future network centric operations such as real-time/near real-time imagery in/out of cockpit.**

**e. The LITENING is a targeting pod integrated and mounted externally to the aircraft. The targeting pod contains a high-resolution, forward-looking infrared sensor (FLIR) that displays an infrared image of the target to the aircrew. It has a wide field of view search capability and a narrow field of view acquisition/targeting capability of battlefield-sized targets. The pod contains a charged coupled device (CCD-TV) camera used to obtain target imagery in the visible portion of the electromagnetic spectrum. An on-gimbal inertial navigation sensor has established line-of-sight and automatic bore sighting capability. The pod is equipped with a laser designator for precise delivery of laser-guided munitions. A laser rangefinder provides information for various avionics systems, for example, navigation updates, weapon deliveries and target updates. It includes an automatic target tracker to provide fully automatic stabilized target tracking at altitudes, airspeeds and slant ranges consistent with tactical weapon delivery maneuvers. These features simplify the functions of target detection and recognition and permit attack of targets with precision-guided weapons on a single pass.**

**5. If a technologically advanced adversary were to obtain knowledge of the specific hardware and software elements, the information could be used to develop countermeasures which might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.**

[FR Doc. 07-6261 Filed 1-2-08; 8:45 am]

BILLING CODE 5001-06-C

**DEPARTMENT OF DEFENSE**

**Office of the Secretary**

[Transmittal Nos. 08-20]

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Dated: December 26, 2007.

**L.M. Bynum,**

*OSD Federal Register Liaison Officer,  
Department of Defense.*

BILLING CODE 5001-06-M