

connectivity. The AN/ARC-220 is classified SECRET when loaded with software.

5. The AN/ARC-231(V)(C) is a secure communication system that provides Line-of-Sight (LOS) communications and Beyond Line-of-Sight (BLOS) satellite communications (SATCOM), as well as Voice and data communications capabilities. In addition to Satellite Communications, the AN/ARC-231(V)(C) provides Secure/Electronic Counter Measures (ECCM) communications Single Channel Ground and Airborne System (SINCGARS) and HAVE QUICK (HQ) waveforms. The AN/ARC-231(V)(C) is classified SECRET when loaded with software.

6. The TSEC KY-100 is COMSEC equipment that has sensitive technology and is classified SECRET if software fill is installed. A separate case with NSA would be required to procure this equipment. The KY-100 is classified SECRET when loaded with software.

7. Blue Force Tracker—Aviation (BFT-A) within the Force XXI Battle Command Brigade & Below program, BFT-AVN is a network system with varied configurations utilizing integrated UHF/VHF/FM voice/data communications and GPS positioning data that allow integration into various Army, joint, and coalition rotary and fixed-wing aircraft types. The system provides commanders, staffs, and other key personnel situational awareness of aviation assets, including Unmanned Aerial Vehicles. With BFT-AVN, aircrews are able to view positions of friendly forces as well as enemy locations. The system also enables rapid, dynamic tasking and re-tasking of those assets to accomplish aviation missions in complex environments. Another key capability of BFT-AVN is the ability to send and receive data and messages beyond line-of-sight, overcoming the communication challenges of distance and terrain. The BFT-A is UNCLASSIFIED.

Note: The following items are not identified in the CH-47F Security Classification Guide and sensitive technology classification could not be

determined. Therefore the assumption is that they may contain sensitive technology.

8. The Embedded GPS/INS (EGI) unit CN-1689-(H-764GU) contains sensitive GPS technology. The EGI-429 is a self-contained, all-attitude navigation system providing outputs of linear and angular acceleration, linear and angular velocity, position, attitude (roll, pitch), platform azimuth, magnetic and true heading, altitude, body angular rates, time tags, and Universal Time Coordinated (UTC) synchronized time. The EGI is UNCLASSIFIED/Missile Technology Regime (MTCR) Controlled.

9. The AN/ARN-149, Automatic Direction Finder (ADF) Receiver, is a low frequency radio that provides automatic compass bearing on any radio signal within the frequency range of 100 to 2199.5 kHz as well as navigation where a commercial AM broadcast signal is the only available navigation aid. The AN/ARN-149 is UNCLASSIFIED.

10. The AN/ARN-153, Tactical Airborne Navigation (TACAN) System, is a full featured navigational system that supports four modes of operation: receive mode; transmit receive mode; air-to-air receive mode; and air-to-air transmit-receive mode. The ARN-153 is UNCLASSIFIED.

11. The AN/ARN-147, Very High Frequency (VHF) Omni Ranging/Instrument Landing System Receiver that provides internal MIL-STD-1553B capability and is MIL-E-5400 class II qualified. The ARN-147 is UNCLASSIFIED.

12. The KIV-77, is a Common Crypto Applique for Identification, Friend or Foe (IFF) that provides Mode 4/5 capability. The KIV-77 is SECRET when loaded with software.

13. The AN/PYQ-10 (C) Simple Key Loader (SKL) is a ruggedized, portable, hand-held fill device used for securely receiving, storing, and transferring electronic key material and data between compatible end cryptographic units (ECU) and communications equipment. The AN/PYQ-10(C) is SECRET when loaded with software.

14. The ramifications of this technology in the hands of an adversary

are severe. Should a fill device or cryptographic asset with the accompanying radio system become compromised, it would enable an adversary to intercept our communications, both verbal and encrypted until the COMSEC keys were changed.

15. A determination has been made that the recipient country can provide the same degree of protection for the sensitive technology being released as the U.S. Government. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

16. All defense articles and services listed in this transmittal have been authorized for release and export to the Government of Australia.

[FR Doc. 2016-00148 Filed 1-7-16; 8:45 am]

BILLING CODE 5001-06-P

## DEPARTMENT OF DEFENSE

### Office of the Secretary

[Transmittal No. 0A-16]

#### 36(b)(5)(C) Arms Sales Notification

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

**ACTION:** Notice.

**SUMMARY:** The Department of Defense is publishing the unclassified text of a section 36(b)(5)(C) arms sales notification. This is published to fulfill the requirements of section 155 of Public Law 104-164 dated July 21, 1996.

**FOR FURTHER INFORMATION CONTACT:** Sarah A. Ragan or Heather N. Harwell, DSCA/LMO, (703) 604-1546/(703) 607-5339.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 0A-16 with attached Policy Justification.

Dated: January 4, 2016.

**Aaron Siegel,**

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



## DEFENSE SECURITY COOPERATION AGENCY

201 12TH STREET SOUTH, STE 203  
ARLINGTON, VA 22202-6408


The Honorable Paul D. Ryan  
Speaker of the House  
U.S. House of Representatives  
Washington, DC 20515

DEC 08 2015

Dear Mr. Speaker:

Pursuant to the reporting requirements of Section 36(b)(5)(C) of the Arms Export Control Act (AECA), as amended, we are forwarding Transmittal No. 0A-16. This notification relates to enhancements or upgrades from the level of sensitivity of technology or capability described in the Section 36(b)(1) AECA certification 13-33 of 29 July 2013.

Sincerely,

  
J. W. Rixey  
Vice Admiral, USN  
Director

## Enclosures:

1. Transmittal
2. Regional Balance (Classified Document Provided Under Separate Cover)



## BILLING CODE 5001-06-P

Transmittal No. 0A-16

REPORT OF ENHANCEMENT OR  
UPGRADE OF SENSITIVITY OF  
TECHNOLOGY OR CAPABILITY (SEC.  
36(B)(5)(C), AECA)

- (i) *Purchaser:* Government of Qatar
- (ii) *Sec. 36(b)(1), AECA Transmittal*

No.: 13-33

Date: 29 July 2013

Military Department: Air Force

(iii) *Description:* On 29 July 2013,  
Congress was notified by Congressional  
certification transmittal number 13-33,

of the possible sale under Section 36(b)(1) of the Arms Export Control Act of one (1) AN/FPS-132 Block 5 Early Warning Radar (EWR) to include a Prime Mission Equipment package; technical and support facilities; communication equipment; encryption devices; spare and repair parts; support and test equipment, publications and technical documentation; personnel training and training equipment; U.S. Government and contractor engineering, technical, and logistics support services; and related elements of logistics and

program support. The estimated total cost was \$1.2 billion. Major Defense Equipment (MDE) constituted \$800 million of the total.

This transmittal reports the replacement of the original AN/FPS-132 Block 5 EWR with the AN/FPS-132 Block 15 EWR. The Block 15 EWR has an increased maximum range. Upgrading the status of this equipment will result in an estimated net increase in MDE cost of \$800 million. The revised estimated total value is \$2 billion, with the revised MDE value

constituting \$1.6 billion of this new total.

(iv) *Significance*: The EWR will be a component of Qatar's planned air and missile defense system, which includes the Terminal High Altitude Area Defense (THAAD) and Patriot missile defense systems. The EWR will provide sensor data and advanced warning of incoming missiles. The Block 15 system employs three electronically steered phased array radar faces to provide 360 degree azimuth coverage. The Block 15 system is also capable of reporting airborne tracks.

(v) *Justification*: This proposed sale contributes to the foreign policy and national security of the United States by helping to improve the security of a friendly country. Qatar is an important force for political stability and economic progress in the Persian Gulf region. This proposed sale strengthens U.S. efforts to promote regional stability by enhancing the defense to a key United States ally. The proposed sale strengthens Qatar's capability to counter current and future threats in the region and reduce dependence on United States forces. Qatar should have no difficulty integrating this radar into its defense systems.

(vi) *Date Report Delivered to Congress*: 08 DEC 2015

(vii) *Sensitivity of Technology*:

1. The AN/FPS-132 Block 15 supports Missile Defense, Space Situational Awareness, and Missile Warning mission areas. The Block 15 system employs 3 electronically steered phased array radar faces to provide 360 degree azimuth coverage. The Block 15 system is capable of detecting ballistic missiles up to a maximum range of 5,000 km. The AN/FPS-132 Block 15 hardware is UNCLASSIFIED. The AN/FPS-132 Block 15 software and the data produced are classified SECRET REL QATAR.

2. If a technologically advanced adversary were to obtain knowledge of the specific hardware or software in this proposed sale, the information could be used to develop countermeasures that might reduce system effectiveness or be

used in the development of a system with similar or advanced capabilities.

[FR Doc. 2016-00110 Filed 1-7-16; 8:45 am]

**BILLING CODE 5001-06-C**

## DEPARTMENT OF DEFENSE

### Office of the Secretary

#### Notification of an Open Meeting of the National Defense University Board of Visitors (BOV)

**AGENCY**: National Defense University, DoD.

**ACTION**: Notice of open meeting.

**SUMMARY**: The Department of Defense is publishing this notice to announce that the following Federal Advisory Committee meeting of the National Defense University Board of Visitors (BOV) will take place.

**DATES**: The meeting will be held on Thursday, January 28, 2016 from 12:00 p.m. to 4:30 p.m. and will continue on Friday, January 29, 2016, from 8:00 a.m. to 11:15 a.m.

**ADDRESSES**: The Board of Visitors meeting will be held at Marshall Hall, Building 62, Room 155B, the National Defense University, 300 5th Avenue SW., Fort McNair, Washington, DC 20319-5066.

**FOR FURTHER INFORMATION CONTACT**: The point of contact for this notice of open meeting is Ms. Joycelyn Stevens at (202) 685-0079, Fax (202) 685-3920 or [StevensJ7@ndu.edu](mailto:StevensJ7@ndu.edu).

**SUPPLEMENTARY INFORMATION**: This meeting is being held under the provisions of the Federal Advisory Committee Act of 1972 (5 U.S.C. Appendix, as amended), the Government in the Sunshine Act of 1976 (5 U.S.C. 552b, as amended), and 41 CFR 102-3.150. Pursuant to 5 U.S.C. 552b and 41 CFR 102-3.140 through 102-3.165, and the availability of space, this meeting is open to the public.

The future agenda will include discussion on accreditation compliance, organizational management, strategic planning, resource management, and other matters of interest to the National

Defense University. Limited space made available for observers will be allocated on a first come, first served basis. Pursuant to 41 CFR 102-3.105(j) and 102-3.140, and section 10(a)(3) of the Federal Advisory Committee Act of 1972, written statements to the committee may be submitted to the committee at any time or in response to a stated planned meeting agenda by FAX or email to the point of contact person listed in **FOR FURTHER INFORMATION CONTACT**. (Subject Line: Comment/Statement to the NDU BOV).

Dated: January 5, 2016.

**Aaron Siegel**,

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

[FR Doc. 2016-00193 Filed 1-7-16; 8:45 a.m.]

**BILLING CODE 5001-06-P**

## DEPARTMENT OF DEFENSE

### Office of the Secretary

[Transmittal No. 0B-16]

#### 36(b)(5)(C) Arms Sales Notification

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

**ACTION**: Notice.

**SUMMARY**: The Department of Defense is publishing the unclassified text of a section 36(b)(5)(C) arms sales notification. This is published to fulfill the requirements of section 155 of Public Law 104-164 dated July 21, 1996.

**FOR FURTHER INFORMATION CONTACT**: Sarah A. Ragan or Heather N. Harwell, DSCA/LMO, (703) 604-1546/(703) 607-5339.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 0B-16 with attached Policy Justification.

Dated: January 5, 2016.

**Aaron Siegel**,

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

**BILLING CODE 5001-06-P**