

(ii) Total Estimated Value:
Major Defense Equipment* \$100 million.
Other \$100 million.
Total \$200 million.

(iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase: The Government of Denmark has requested to expand operational mission capability of previously purchased nine (9) MH-60R Multi-Mission helicopters, by equipping them with Anti-Submarine Warfare (ASW) capabilities inherent in MH-60R design to include the following items:

Major Defense Equipment (MDE): Nine (9) AN/AQS-22 Airborne Low Frequency Sonar (ALFS) Systems

Non-MDE: Also included are six hundred (600) AN/SSQ-36/53/62 Sonobuoys; spare and repair parts; support and test equipment; communication equipment; publications and technical documentation; personnel training and training equipment; U.S. Government and contractor engineering, technical, and logistics support services; and other related elements of logistical and program support.

(iv) Military Department: Navy (DE-P-LBT).

(v) Prior Related Cases, if any: DE-P-SAE and DE-P-GBP.

(vi) Sales Commission. Fee, etc., Paid. Offered, or Agreed to be Paid: None.

(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: August 27, 2019.

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

POLICY JUSTIFICATION

Denmark—Airborne Low Frequency Sonar System and Sonobuoys

The Government of Denmark has requested to buy nine (9) AN/AQS-22 Airborne Low Frequency Sonar (ALFS) systems; six hundred (600) AN/SSQ-36/53/62 Sonobuoys; spare and repair parts; support and test equipment; communication equipment; publications and technical documentation; personnel training and training equipment; U.S. Government and contractor engineering, technical, and logistics support services; and other related elements of logistical and program support. The total estimated program cost is \$200 million.

This proposed sale will support the foreign policy and national security objectives of the United States by helping to improve the military capability of Denmark, a NATO ally that is an important force for ensuring political stability and economic progress within Europe.

The proposed sale will improve Denmark's capability to meet current and future threats from enemy weapon systems. The ALFS and Sonobuoys will provide the capability to perform anti-submarine warfare missions. Denmark will use the enhanced capability as a deterrent to regional threats and to strengthen its homeland defense. Denmark will have no difficulty absorbing this equipment into its armed forces.

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

The principal contractor will be Lockheed Martin Rotary and Mission Systems in Oswego, New York. There are no known offset agreements in connection with this potential sale.

Implementation of this proposed sale will not require the assignment of additional U.S. Government or contractor representatives to Denmark.

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

TRANSMITTAL NO. 19-44

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 AN/AQS-22 Airborne Low Frequency Sonar (ALFS) is the primary undersea warfare sensor of the MH-60R multi-mission helicopter. This integrated dipping sonar system enables the MH-60R to accomplish the assigned Anti-Submarine Warfare missions of submarine detection, tracking, localization, and classification. It also performs missions relating to acoustic intercept, underwater communications, and environmental data acquisition. Acoustics algorithms are used to process dipping sonar and sonobuoy data for target tracking and for the Acoustics Mission Planner (AMP), which is a tactical aid employed to optimize the deployment of the sonobuoy and the dipping sonar. Acoustics hardware is Unclassified. The acoustics system is classified up to Secret when environmental and threat databases are loaded and/or the system is processing acoustic data. ALFS hardware and support equipment, test equipment, and maintenance spares are unclassified. Technical data and documentation for the ALFS weapon system is classified up to Secret.

2. The AN/SSQ-36 Bathythermograph (BT) sonobuoy is an A-size, expendable and non-repairable sonobuoy. The BT sonobuoy is an expendable thermal gradient measurement sonobuoy that operates over Radio Frequency (RF) channels. It consists of a thermistor temperature probe that descends through the bottom of the sonobuoy canister, producing a continuous reading of temperature versus depth, and transmits the readings to an aircraft or nearby vessel. The thermistor temperature probe can descend up to 2625 feet.

3. The AN/SSQ-53 Directional Frequency Analysis and Recording (DIFAR) sonobuoy is an A-size, expendable and non-repairable directional passive sonobuoy. Basic capabilities include four hydrophone depth selections up to 1000 feet with five time duration selections up to eight hours.

4. The AN/SSQ-62 Directional Command Activated Sonobuoy System (DICASS) sonobuoy is an A-size, expendable, non-repairable, directional active sonobuoy. The DICASS, in conjunction with the monitoring unit's signal processing equipment, provides active sonar range, bearing, and Doppler information on a submerged contact. The DICASS sonobuoy is designed to develop and maintain attack criteria. While often employed in multiple sonobuoy patterns; the DICASS sonobuoy is designed to permit single buoy attack criteria. The flexibility inherent in the monitoring unit's control over the various sonobuoy functions enables optimum sonobuoy employment over a wide range of environmental and target conditions.

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.

6. A determination has been made that the recipient country can provide substantially 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.

7. All defense articles and services listed in this transmittal have been authorized for release and export to Denmark.

ARMS SALES NOTIFICATION

Mr. RISCH. Madam President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the full Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD-423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY
COOPERATION AGENCY,
Arlington, VA.

Hon. JAMES E. RISCH,
*Chairman, Committee on Foreign Relations,
U.S. Senate, Washington, DC.*

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 19-25, concerning the Air Force's proposed Letter(s) of Offer and Acceptance to the Government of Hungary for defense articles and services estimated to cost \$500 million. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,

CHARLES W. HOOPER,
Lieutenant General, USA, Director.

Enclosures.

TRANSMITTAL NO. 19-25

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: Government of Hungary.

(ii) Total Estimated Value:
Major Defense Equipment* \$320 million.
Other \$180 million.
Total \$500 million.

(iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:

Major Defense Equipment (MDE):
One hundred eighty (180) AIM-120C-7 Advanced Medium Range Air-to-Air Missiles (AMRAAM).

Four (4) Spare AIM-120C-7 AMRAAM Guidance Sections.

Non-MDE: Also included are four (4) spare AIM-120C-7 control sections, six (6) AMRAAM training missiles (CATM-120C), missile containers, classified software (for the AN/MPQ-64F1 Sentinel Radar requested by Hungary through Direct Commercial Sale), spare and repair parts, cryptographic and communication security devices, precision navigation equipment, other software, site surveys, weapons system equipment and computer software support, publications and technical documentation, common munitions and test equipment, repair and return services and equipment, personnel training and training equipment, integration support and test equipment, and U.S. Government and contractor, engineering, technical and

logistics support services, and other related elements of logistical and program support.

(iv) Military Department: Air Force (HU-D-YAD); Army (HU-B-UCU).

(v) Prior Related Cases, if any: None.

(vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None.

(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: August 27, 2019.

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

POLICY JUSTIFICATION

Hungary—AIM-120C-7 Advanced Medium-Range Air-to-Air Missiles (AMRAAM)

The Government of Hungary has requested to buy one hundred and eighty (180) AIM-120C-7 Advanced Medium Range Air-to-Air Missiles (AMRAAM), and four (4) spare AIM-120C-7 AMRAAM guidance sections. Also included are four (4) spare AIM-120C-7 control sections, six (6) AMRAAM training missiles (CATM-120C), missile containers, classified software (for the AN/MPQ-64F1 Sentinel Radar requested by Hungary through Direct Commercial Sale), spare and repair parts, cryptographic and communication security devices, precision navigation equipment, other software, site surveys, weapons system equipment and computer software support, publications and technical documentation, common munitions and test equipment, repair and return services and equipment, personnel training and training equipment, integration support and test equipment, and U.S. Government and contractor, engineering, technical and logistics support services, and other related elements of logistical and program support. The total estimated cost is \$500 million.

This proposed sale will support the foreign policy and national security of the United States by improving the security of a NATO ally which is an important force for political stability and economic progress in Europe. This sale is consistent with U.S. initiatives to provide key allies in the region with modern systems that will enhance interoperability with U.S. forces and increase security.

Hungary intends to use these defense articles and services to modernize its armed forces and expand its capability to deter regional threats and strengthen its homeland defense. This sale will contribute to Hungary's interoperability with the United States and other allies. Hungary should not have any difficulties absorbing this equipment into its armed forces.

The proposed sale of this equipment and support does not alter the basic military balance in the region.

The prime contractor and integrator will be Raytheon Missile Systems of Tucson, AZ. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will not require the assignment of additional U.S. Government and contractor representatives to Hungary.

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

TRANSMITTAL NO. 19-25

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. AIM-120C Advance Medium Range Air-to-Air Missile (AMRAAM) is a radar guided missile featuring digital technology and micro-miniature solid-state electronics. AMRAAM capabilities include look-down/

shoot-down, multiple launches against multiple targets, resistance to electronic counter measures, and interception of high flying and low flying and maneuvering targets. AIM-120 Captive Air Training Missiles are non-functioning, inert missile rounds used for armament load training, and which also simulate the correct weight and balance of live missiles during captive carry on training sorties. Although designed as an air-to-air missile, the AMRAAM can also be employed in a surface-launch mode when integrated on systems such as the National Advanced Surface-to-Air System (NASAMS). The AIM-120C7, as employed on NASAMS, protects national assets from imminent hostile air threats. The AMRAAM All Up Round is classified CONFIDENTIAL, major components and subsystems range from UNCLASSIFIED to CONFIDENTIAL, and technology data and other documentation are classified up to SECRET.

2. The classified radar operational software utilized with the exportable AN/MPQ-4F1 Sentinel Radar contains specific Electronic Counter-Counter Measures (ECCM) capability, but it does not contain Non-Cooperative Target Recognition (NCTR)/classification capabilities. This software will only be released for export in an executable format with no source code. Without source code, the ability of a foreign entity to analyze the operating software, its processes, and its algorithms is slowed. The highest classification of this software is SECRET.

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

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

5. All defense articles and services listed in this transmittal have been authorized for release and export to Hungary.

ARMS SALES NOTIFICATION

Mr. RISCH, Madam President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the full Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD-423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY
COOPERATION AGENCY,
Arlington, VA.

Hon. JAMES E. RISCH,
Chairman, Committee on Foreign Relations,
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 19-41 concerning the Navy's proposed Letter(s) of Offer and Acceptance to the Government of Japan for defense articles and services estimated to cost \$3.295 billion. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,

CHARLES W. HOOPER,
Lieutenant General, USA, Director.
Enclosures.

TRANSMITTAL NO. 19-41

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: Government of Japan.

(ii) Total Estimated Value:
Major Defense Equipment * \$3.159 billion.
Other \$1.136 billion.
Total \$3.295 billion.

(iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:

Major Defense Equipment (MDE):
Up to seventy-three (73) Standard Missile-3 (SM-3) Block IIA Missiles.

Non-MDE: Also included are MK 29 Canisters with packing, handling, storage, and transportation (PHS&T) kits; up to ten (10) Special Assignment Airlift Mission (SAAM) flights; U.S. Government and contractor representatives' technical assistance, engineering and logistical support services, and other related elements of logistics and program support.

(iv) Military Department: Navy (JA-P-ATZ).

(v) Prior Related Cases, if any: JA-P-ATB & JA-P-AUA.

(vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None.

(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: August 27, 2019.

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

POLICY JUSTIFICATION

Japan—Standard Missile (SM)-3 Block IIA

The Government of Japan has requested to buy up to seventy-three (73) Standard Missile-3 (SM-3) Block IIA missiles. Also included are MK 29 Canisters with packing, handling, storage, and transportation (PHS&T) kits; up to ten (10) Special Assignment Airlift Mission (SAAM) flights; U.S. Government and contractor representatives' technical assistance, engineering and logistical support services, and other related elements of logistics and program support. The estimated cost is \$3.295 billion.

This proposed sale will support the foreign policy and national security of the United States by improving the security of a major ally that is a force for political stability and economic progress in the Asia-Pacific region. It is vital to U.S. national interests to assist Japan in developing and maintaining a strong and effective self-defense capability.

The proposed sale will provide Japan with increased ballistic missile defense capability to assist in defending the Japanese homeland and U.S. personnel stationed there. Japan will have no difficulty absorbing these additional missiles into its armed forces.