

technical publications; AMRAAM control and telemetry sections; containers; field spares; support equipment; spare parts; technical publications; country-specific technical orders; repair and return services; site surveys; weapons system support; and training. The estimated total value of the new items and services is \$1.902 billion. The estimated MDE value will increase by \$1.66 billion to a revised \$1.94 billion. The estimated non-MDE value will increase by \$0.242 billion to a revised \$0.270 billion. The estimated total case value will increase to \$2.21 billion.

(iv) Significance: The inclusion of this MDE represents an increase in capability and capacity over what was previously notified. The proposed sale will increase Canada's stock of AIM-120D AMRAAM for use with its F/A-18 and F-35 fleets.

(v) Justification: This proposed sale will support the foreign policy and national security objectives of the United States by helping to improve the military capability of Canada, a North Atlantic Treaty Organization Ally that is an important force for ensuring political stability and economic progress, and is a contributor to military, peacekeeping and humanitarian operations around the world.

(vi) Sensitivity of Technology:

The AIM-120D AAVI is a live launch test vehicle used primarily for flight test integration with a rocket motor and instrumentation unit in place of a warhead. The AAVI verifies and assesses the ability to safely launch an AMRAAM and validate the missile's performance.

The Sensitivity of Technology Statement contained in the original notification applies to additional items reported here.

The highest level of classification of defense articles, components, and services included in this potential sale is SECRET.

(vii) Date Report Delivered to Congress: December 14, 2023.

ARMS SALES NOTIFICATION

Mr. CARDIN. Mr. 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,
Washington, DC.

Hon. BENJAMIN L. CARDIN,
Chairman, Committee on Foreign Relations,
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: 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. 23-0Y. This notification relates to enhance-

ments or upgrades from the level of sensitivity of technology or capability described in the Section 36(b)(1) AECA certification 23-53 of August 1, 2023.

Sincerely,

JAMES A. HURSCH,
Director.

Enclosure.

TRANSMITTAL NO. 23-0Y

Report of Enhancement or Upgrade of Sensitivity of Technology or Capability (Sec. 36(b)(5)(C), AECA)

(i) Purchaser: Government of Finland.
(ii) Sec. 36(b)(1), AECA Transmittal No.: 23-53; Date: August 1, 2023; Implementing Agency: Army.

(iii) Description: On August 1, 2023, Congress was notified by Congressional certification transmittal number 23-53, of the possible sale, under Section 36(b)(1) of the Arms Export Control Act, of the M270A2 upgrade of M270A1 Multiple Launch Rocket Systems (MLRS). The upgrade includes intercom systems; radio communication mounts; machine gun mounts; battle management system vehicle integration kit; publications for MLRS; spares; services; support equipment; and other related elements of program and logistics support. Major Defense Equipment (MDE) constituted \$0 of this total.

This transmittal notifies an increase in non-MDE value by \$180 million, resulting in a new estimated non-MDE and overall total case value of \$575 million. There is no MDE included in this potential sale.

(iv) Significance: Recent cost increases have brought about the need to add value to the original notification. The upgraded M270A2 MLRS will give Finland additional advanced capability to address current and future regional threats; reinforcing its ability to maintain regional stability, increasing Finland's security. The sale supports U.S. national security interests by bolstering the land defense in Europe's northern flank.

(v) Justification: This proposed sale will support the foreign policy and national security of the United States by improving the security of a North Atlantic Treaty Organization (NATO) Ally that is an important force for political stability and economic progress in Europe.

(vi) Sensitivity of Technology: The Sensitivity of Technology statement contained in the original notification applies to items reported here.

(vii) Date Report Delivered to Congress: December 18, 2023.

ARMS SALES NOTIFICATION

Mr. CARDIN. Mr. 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,
Washington, DC.

Hon. BENJAMIN L. CARDIN,
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. 23-85, concerning the Army's proposed Letter(s) of Offer and Acceptance to the Government of Greece for defense articles and services estimated to cost \$1.95 billion. We will issue a news release to notify the public of this proposed sale upon delivery of this letter to your office.

Sincerely,

JAMES A. HURSCH,
Director.

Enclosures.

TRANSMITTAL NO. 23-85

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 Greece.

(ii) Total Estimated Value:
Major Defense Equipment * \$.85 billion.
Other \$1.10 billion.
Total \$1.95 billion.

Funding Source: National Funds.

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

Major Defense Equipment (MDE):
Thirty-five (35) UH-60M Black Hawk helicopters.

Eighty (80) T700-GE 701D Engines (70 installed, 10 spares).

Forty-four (44) AN/AAR-57 Common Missile Warning Systems (CMWS) (35 installed, 9 spares).

Eighty-five (85) H-764U Embedded Global Position Systems with Inertial Navigation (EGI) and country unique selective availability anti-spoofing module (SAASM) (or future replacement) (70 installed, 15 spares).

Eighty-five (85) AN/ARC-231A VHF/UHF/LOS SATCOM Radio Systems.

Non-MDE: Also included are AN/ARC-231 Receivers/Transmitters RT-1808A (or future replacement); VHF/UHF/LOS SATCOM radios; APR-39C(V)1/4 Radar Warning Receivers; AVR-2B Laser Detecting Sets; APX-123A Identification Friend or Foe (IFF) Transponders; ARC-220 High Frequency (HF) radios with KY-100M; VRC-100 Ground Stations; AN/PYQ-10 Simple Key Loaders (SKLs); KIV-77 Common IFF Applique Crypto Computers; COMSEC Encryption devices; AN/ARN-147(V) Very High Frequency Omni-Directional Range (VOR)/Instrument Landing System (ILS) Receiver Radios; AN/ARN-149(V) Low Frequency (LF)/Automatic Direction Finder (ADF) Radio Receivers; AN/ARN-153 Tactical Air Navigation System (TACAN) Receiver Transmitters; AN/APN-209 Radar Altimeters; AN/ARC-210 radios; EBC-406HM Emergency Locator Transmitters (ELTs); Encrypted Aircraft Wireless Intercommunications Systems (EAWIS); Improved Heads Up Displays (IHUD); Signal Data Converters for IHUD; Color Weather Radars; MX-10D EO/IR with Laser Designators; EO/IR Cabin Monitoring Systems; EO/IR Digital Video Recorders; AN/ARC-201D RT-1478D radios; Engine Inlet Barrier Filters (EIBF); Ballistic Armor Protection Systems (BAPS); Internal Auxiliary Fuel Tank Systems (IAFTS); Fast Rope Insertion Extraction Systems (FRIES); External Rescue Hoists (ERH); Rescue Hoist Equipment Sets; Dual Patient Litter System (DPLS) Sets; Martin Baker Palletized Crew Chief/Gunner Seats with crashworthy floor structural modifications; External Stores Support System (ESSS); Integrated Tow Plates Production Assets; Universal Software Loading

Kits; 60kVA Generator Kits; Instrument Panels; DF-500 Personal Location Systems; Trakkabeam Searchlights; External Gun Mount Systems; M-134 Mini Gun Systems; M-240 machine guns; 7.62mm Cartridges; 2.75" Rockets; Flare IR Countermeasure M206; Decoy Flare CM M211; CTG Impulse BBU-35/B; CTG, 25.4mm, Decoy, Chaff, M839/RR170/Series; M255A2 MK-66 Night Reliability Indicator (NRI); Cartridge, Aircraft Fire Extinguisher; Cartridge, Impulse; Thruster Control Unit (TCU)-3/A; Cartridge, Aircraft; Black Hawk Aircrew Trainer (BAT); Black Hawk Maintenance Trainer (BHMT-M); Black Hawk Avionics Trainer; Maintenance Blended Reconfigurable Avionics Trainer (MBRAT); CAPT-E-Visual & Control System (CAPT-E VCS); training devices; helmets; transportation; organizational equipment; spare and repair parts; support equipment; tools and test equipment; technical data and publications; personnel training and training equipment; U.S. Government and contractor engineering, technical, and logistics support services; and other related elements of logistics and program support.

(iv) Military Department: Army (GR-B-XOZ).

(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: December 15, 2023.

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

POLICY JUSTIFICATION

Greece—UH-60M Black Hawk Helicopters

The Government of Greece has requested to buy thirty-five (35) UH-60M Black Hawk helicopters; eighty (80) T700-GE 701D engines (70 installed, 10 spares); forty-four (44) AN/AAR-57 Common Missile Warning Systems (CMWS) (35 installed, 9 spares); eighty-five (85) H-764U Embedded Global Position Systems with Inertial Navigation (EGI) and country unique selective availability anti-spoofing module (SAASM) (or future replacement) (70 installed, 15 spares); and eighty-five (85) AN/ARC-231A VHF/UHF/LOS SATCOM radio systems. Also included are AN/ARC-231 Receivers/Transmitters RT-1808A (or future replacement); VHF/UHF/LOS SATCOM radios; APR-39C(V)1/4 Radar Warning Receivers; AVR-2B Laser Detecting Sets; APX-123A Identification Friend or Foe (IFF) Transponders; ARC-220 High Frequency (HF) radios with KY-100M; VRC-100 Ground Stations; AN/PYQ-10 Simple Key Loaders (SKLs); KIV-77 Common IFF Applique Crypto Computers; COMSEC Encryption devices; AN/ARN-147(V) Very High Frequency Omni-Directional Range (VOR)/Instrument Landing System (ILS) Receiver Radios; AN/ARN-149(V) Low Frequency (LF)/Automatic Direction Finder (ADF) Radio Receivers; AN/ARN-153 Tactical Air Navigation System (TACAN) Receiver Transmitters; AN/APN-209 Radar Altimeters; AN/ARC-210 radios; EBC-406HM Emergency Locator Transmitters (ELTs); Encrypted Aircraft Wireless intercommunications Systems (EAWIS); Improved Heads Up Displays (IHUD); Signal Data Converters for IHUD; Color Weather Radars; MX-1 0D EO/IR with Laser Designators; EO/IR Cabin Monitoring Systems; EO/IR Digital Video Recorders; AN/ARC-201D RT-1478D radios; Engine Inlet Barrier Filters (EIBF); Ballistic Armor Protection Systems (BAPS); Internal Auxiliary Fuel Tank Systems (IAFTS); Fast Rope Insertion Extraction Systems (FRIES); External Rescue Hoists (ERH); Rescue Hoist Equipment Sets; Dual Patient Litter System (DPLS) Sets;

Martin Baker Palletized Crew Chief/Gunner Seats with crashworthy floor structural modifications; External Stores Support System (ESSS); Integrated Tow Plates Production Assets; Universal Software Loading Kits; 60kVA Generator Kits; Instrument Panels; DF-500 Personal Location Systems; Trakkabeam Searchlights; External Gun Mount Systems; M-134 Mini Gun Systems; M-240 machine guns; 7.62mm Cartridges; 2.75" Rockets; Flare IR Countermeasure M206; Decoy Flare CM M211; CTG Impulse BBU-35/B; CTG, 25.4mm, Decoy, Chaff, M839/RR170/Series; M255A2 MK-66 Night Reliability Indicator (NRI); Cartridge, Aircraft Fire Extinguisher; Cartridge, Impulse; Thruster Control Unit (TCU)-3/A; Cartridge, Aircraft; Black Hawk Aircrew Trainer (BAT); Black Hawk Maintenance Trainer (BHMT-M); Black Hawk Avionics Trainer; Maintenance Blended Reconfigurable Avionics Trainer (MBRAT); CAPT-E-Visual & Control System (CAPT-E VCS); training devices; helmets; transportation; organizational equipment; spare and repair parts; support equipment; tools and test equipment; technical data and publications; personnel training and training equipment; U.S. Government and contractor engineering, technical, and logistics support services; and other related elements of logistics and program support. The estimated total cost is \$1.95 billion.

This proposed sale will support the foreign policy and national security objectives of the United States by helping to improve the security of a NATO Ally, which is an important partner for political stability and economic progress in Europe.

The proposed sale will replace Greece's current multi-role helicopter fleet with a more reliable and proven system that will allow Greece to maintain the appropriate level of readiness to conduct combined operations. The UH-60M Black Hawk helicopter will improve the Hellenic Army's ability to deploy combat power to secure Greece's borders, deter actions against its interests, and, when required, respond with credible force. Greece 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 Sikorsky, a Lockheed Martin Company, Stratford, CT. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will require approximately fifteen (15) U.S. Government and/or fifteen (15) contractor representatives to travel to Greece for an extended period for equipment de-processing/fielding, system checkout, training, and technical and logistics support.

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

TRANSMITTAL NO. 23-85

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 UH-60M aircraft is a medium lift four bladed aircraft which includes two (2) T-701D Engines. The aircraft has four (4) Multi-function Displays (MFD), which provides aircraft system, flight, mission, and communication management systems. The instrumentation panel includes four (4) Multi-function Displays (MFDs), two (2) Pilot and Co-Pilot Flight Director Panels, and two (2) Data Concentrator Units (DCUs). The Navigation System will have Embedded GPS/INS (EGIs), and two (2) Advanced Flight Control Computer Systems (AFCC), which provide 4 axis aircraft control:

a. The AN/ARC-201 Very High Frequency-Frequency Modulation (VHF-FM) Single Channel Ground and Airborne Radio System (SINCGARS) airborne radio is a reliable, field-proven voice and data communication system used with the UH-60. A country-unique non-COMSEC export variant of this radio will be provided that meets Greece's requirements.

b. AN/ARC-231 RT-1808A VHF/UHF/LOS SATCOM Radios. The AN/ARC-231 is a software-definable radio for military aircraft that provides two-way, multi-mode voice and data communications over a 30 Hz to 512 MHz frequency range. It covers both line-of-sight Ultra High Frequency (UHF) and Very High Frequency (VHF) bands with AM, FM and SATCOM capabilities.

c. The AN/ARC-231A is a software-definable radio for military aircraft that provides two-way, multi-mode voice and data communications over a 30 Hz to 512 MHz frequency range. No designated exportable/non-COMSEC capable version planned. It supports both line-of-sight Ultra High Frequency (UHF) and Very High Frequency (VHF) bands with AM, FM and SATCOM capabilities and includes embedded frequency agile modes, Electronic Counter-Countermeasures (ECCM) anti-jam waveforms including Have quick and SINCGARS, Demand Assigned Multiple Access (DAMA), Integrated Waveform (IW). It provides simultaneous, real-time participation in tactical voice and data communications networks.

d. The AN/ARC-210 is a family of radios for military aircraft that provides two-way, multi-mode voice and data communications over a 30 to 512-MHz frequency range. It covers both Ultra High Frequency (UHF) and Very High Frequency (VHF) bands with AM, FM and SATCOM capabilities. The ARC-210 radio also includes embedded anti-jam waveforms, including have-quick and SINCGARS and other data link and secure communications features, providing total battlefield interoperability and high-performance capabilities in the transfer of data, voice and imagery.

e. The AN/ARC-220 High Frequency (HF) Airborne Communication System provides rotary-wing aircraft, with advanced voice and data capabilities for short- and long-distance communications. The system is software programmable and provides for embedded automatic Link establishment (ALE), serial tone data modem, text messaging, GPS position reporting and anti-jam (ECCM) functions.

f. The AN/APX-123A, Identification Friend or Foe (IFF) Transponder, is a space diversity transponder and is installed on various military platforms. When installed in conjunction with platform antennas and the Remote Control Unit (or other appropriate control unit), the transponder provides identification, altitude and surveillance reporting in response to interrogations from airborne, ground-based and/or surface interrogators.

g. The VRC-100 High Frequency (HF) Communication System is the ground station version of the AN/ARC-220 for use in Aviation Operation Centers. It provides for advanced voice and data capabilities for short- and long-distance communications. The system is software programmable and provides for embedded automatic Link establishment (ALE), serial tone data modem, text messaging, GPS position reporting and anti-jam (ECCM) functions. System purchased with all required mounts, amplifiers, antennas, power supplies, and accessories.

h. The AN/PYQ-10 Simple Key Loader (SKL) is a ruggedized, portable, hand-held fill device, for securely receiving, storing, and transferring data between compatible cryptographic and communications equipment.

i. The KIV-77 Identification Friend or Foe (IFF) Crypto Appliqué provides cryptographic and time-of-day services for a Combined Interrogator/Transponder (CIT) or individual interrogator or transponder Mark XIIA (Mode 4 and Mode 5) IFF system deployed to identify cooperative, friendly systems.

j. The KY-100M is a self-contained terminal including COMSEC that provides for secure voice and data communications in tactical airborne/ground environments. It is an integral part of the U.S. Joint Services and Federal Law Enforcement Agency networks, and provides half-duplex, narrowband and wide-band communications. Flexible interfaces ensure compatibility with a wide range of voice, data, radio and satellite equipment.

k. The AN/APR-39C(V)1/4 Radar Warning System detects radar-based rangefinders, target designators and beam rider systems targeting an aircraft or vehicle. The APR-39 is a detection component of the suite of countermeasures designed to increase survivability of current generation combat aircraft and specialized special operations aircraft against the threat posed by laser designated or guided weapons.

l. The AN/AVR-2B Laser Warning Receiver detects laser rangefinders, target designators and beam rider laser-aided systems targeting an aircraft or vehicle. The AVR-2B is a detection component of the suite of countermeasures designed to increase survivability of current generation combat aircraft and specialized special operations aircraft against the threat posed by laser designated or guided weapons.

m. The AAR-57 Common Missile Warning System (CMWS) is an integrated infrared (IR) countermeasures suite utilizing ultraviolet (UV) sensors to display accurate threat location and dispense decoys/countermeasures either automatically or under pilot/crew control to defeat incoming missile threats.

n. Embedded Global Positioning System (GPS)/Inertial Navigation System (INS) (EGI) provides GPS and INS capabilities to the aircraft. The EGI will include Selective Availability anti-spoofing Module (SAASM) security modules to be used for secure GPS PPS, if required.

o. Cartridge, 25.4mm, Decoy M839. The M1 (Z133) is a 25.4mm Decoy Chaff Cartridge. Z133 is a component in A965.

p. Flare Countermeasure M211 can defeat certain shoulder launched missiles.

2. The highest level of classification of defense articles, components, and services included in this potential sale 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 which might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.

4. A determination has been made that Greece 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.

5. All defense articles and services listed in this transmittal are authorized for release and export to the Government of Greece.

CERTIFICATION PURSUANT TO § 620C(D) OF THE FOREIGN ASSISTANCE ACT OF 1961, AS AMENDED

Pursuant to Section 620C(d) of the Foreign Assistance Act of 1961, as amended (the Act), Executive Order 12163, State Department Delegation of Authority No. 293-2, and State Department Delegation of Authority 510; I

hereby certify that the furnishing to Greece of UH-60 Utility Helicopters and related defense articles and services is consistent with the principles contained in Section 620C(b) of the Act.

This certification will be made part of the notification to Congress under Section 36(b) of the Arms Export Control Act, as amended, regarding the proposed sale the above-named article and services and is based on the justification accompanying such notification, of which such justification constitutes a full explanation.

BONNIE JENKINS,
*Under Secretary for Arms Control and
International Security.*

ARMS SALES NOTIFICATION

Mr. CARDIN. Mr. 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,
Washington, DC.

Hon. BENJAMIN L. CARDIN,
*Chairman, Committee on Foreign Relations,
U.S. Senate, Washington, DC.*

DEAR MR. CHAIRMAN: 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. 23-0V. This notification relates to enhancements or upgrades from the level of sensitivity of technology or capability described in Section 36(b)(1) AECA certification 19-08 of January 29, 2019.

Sincerely,

JAMES A. HURSCH,
Director.

Enclosure.

TRANSMITTAL NO. 23-0V

Report of Enhancement or Upgrade of Sensitivity of Technology or Capability (Sec. 36(b)(5)(C), AECA)

(i) Purchaser: Government of Japan.

(ii) Sec. 36(b)(1), AECA Transmittal No.: 19-08; Date: January 29, 2019; Implementing Agency: Navy.

(iii) Description: On January 29, 2019, Congress was notified by Congressional certification transmittal number 19-08, of the possible sale, under Section 36(b)(1) of the Arms Export Control Act, of two (2) AEGIS Weapon Systems (AWS), two (2) Multi-Mission Signal Processors (MMSP) and two (2) Command and Control Processor (C2P) Refreshes. Also included is radio navigation equipment, naval ordnance, two (2) Identification Friend or Foe (IFF) Systems, Global Command and Control System-Maritime (GCCS-M) hard-

ware, and two (2) Inertial Navigation Systems (INS), U.S. Government and contractor representatives' technical, engineering and logistics support services, installation support material, training, construction services for six (6) vertical launch system launcher module enclosures, communications equipment and associated spares, classified and unclassified publications and software, and other related elements of logistical and program support. The total estimated program cost was \$2.150 billion. Major Defense Equipment (MDE) constituted \$3.375 billion of this total.

On September 12, 2019, Congress was notified by Congressional certification transmittal number 0Q-19 of an increase in capability from the Navigation Sensor System Interface (non-MDE) originally notified, to the Global Positioning System (GPS)-based Positioning, Navigation, and Timing Service (GPNTS) capability, which is MDE. The total value of the GPNTS was \$3,417,596, but the total estimated MDE and total program cost remained the same at \$3.375 billion and \$2.150 billion, respectively.

This transmittal notifies the addition of the following MDE items: two (2) AEGIS Weapon Systems; two (2) AN/SPQ-9B Radar Systems; two (2) AN/SLQ-32(V)6 Electronic Warfare Systems; two (2) AN/USQ-140 Multifunctional Information Distribution System (MIDS) on Ship (MOS), Modernization (MOS MOD); two (2) AN/USQ-190 Multifunctional Information Distribution System Joint Tactical Radio Systems (V5); three (3) Cooperative Engagement Capability (CEC), AN/USG-10s; and one (1) AN/UYQ-120(V) Command and Control Processor (C2P) Technology Refresh System. Also included are AN/SQQ-89 Underwater Sound Equipment Systems; Multi-Function Towed Array Systems; RT-1829 Ultra-High Frequency, Satellite Communications (UHF SATCOM) Terminals; OE-570D Antennas; MK20 Mod 1 Electro-optic/Infrared Sensor Systems; MK160 Mod 23 Gun Weapon Systems; MK-36 Mod 6 Super Rapid Offboard Countermeasures and Decoy Launching System (SRBOC); U.S. Government and contractor representatives technical, engineering, and logistics support services; installation support material; training, tool development, communications equipment, and associated spares; classified and unclassified publications and software; and other related elements of logistics and program support. The estimated total value of the new items is \$0.570 billion. The net MDE value will increase by \$0.239 billion and the non-MDE value by \$0.331 billion. The revised estimated total case value will increase to \$2.72 billion. MDE will constitute \$0.614 billion of this total.

(iv) Significance: The inclusion of this MDE represents an increase in capability over what was previously notified. The proposed articles and services will assist Japan in developing and maintaining a strong and effective self-defense capability.

(v) Justification: This proposed sale will support the foreign policy goals and national security objectives 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.

(vi) Sensitivity of Technology:

The AN/SPQ-9B is a horizon search radar system that detects and tracks low radar cross section targets in high clutter and distributes radar track data to the AEGIS Combat system. The hardware is unclassified with the exception of the Radar Processor unit, which is classified SECRET upon connection to the combat system.

The AN/SLQ-32(V)6 Electronic Warfare System (EWS) provide enhanced electronic support (ES) detection and accuracy capabilities to improve anti-ship missile defense,