THE ASSISTANT SECRETARY OF THE NAVY
Research Development and Acquisition
1000 Navy Pentagon
Washington DC 20350-1000

SEP 10 2003

The Honorable Duncan L. Hunter
Chairman, Committee on
Armed Services
House of Representatives
Washington, DC 20515

Dear Mr. Chairman:

Section 8053 of the Fiscal Year 1998 Department of Defense Appropriations Act, P.L. 105-56, prohibits the use of Fiscal Year 1998 or later funds "…to modify an aircraft, weapon, ship or other item of equipment, that the military department concerned plans to retire or otherwise dispose of within 5 years after completion of the modification: Provided, That this prohibition shall not apply to safety modifications: Provided further, That this prohibition may be waived by the Secretary of a military department if the Secretary determines it is in the best national security interest of the United States to provide such waiver and so notifies the congressional defense committees in writing." The Secretary of the Navy has delegated this waiver authority to the Assistant Secretary of the Navy (Research, Development, and Acquisition).

This is to provide notice that I have granted a waiver from Section 8053 for the installation of mission-essential Electronic Warfare system upgrades for USS AUSTIN (LPD 4), USS BELLEAU WOOD (LHA 3), USS CUSHING (DD 985), USS DETROIT (AOE 4), USS DULUTH (LPD 6), USS OGDEN (LPD 5), USS SEATTLE (AOE 3), USS SPRUANCE (DD 963), USS STUMP (DD 978), USS THORN (DD 988) and USS VINCENNES (CG 49). These upgrades, funded with Fiscal Year 2004 Other Procurement, Navy appropriations, will consist of Engineering Change Proposal 593 Instantaneous Frequency Measurement/Coarse Frequency Receiver Blanker upgrade. This upgrade will be completed within five years of the planned decommissioning date in Fiscal Year 2004 (USS THORN), Fiscal Year 2005 (USS CUSHING, USS OGDEN, USS SPRUANCE and USS VINCENNES), Fiscal Year 2006 (USS AUSTIN, USS DETROIT, USS DULUTH, USS SEATTLE and USS STUMP), and Fiscal Year 2007 (USS BELLEAU WOOD).

A similar letter has been sent to Chairmen Warner, Lewis, and Stevens. As always, if I can be of any further assistance, please let me know.

Sincerely,

John J. Young, Jr.

Enclosures

Copy to:
The Honorable Ike Skelton
Ranking Minority Member

THE ASSISTANT SECRETARY OF THE NAVY
Research Development and Acquisition
1000 Navy Pentagon
Washington DC 20350-1000

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MEMORANDUM FOR THE RECORD

Subj: USS AUSTIN, USS BELLEAU WOOD, USS CUSHING, USS DETROIT, USS DULUTH, USS OGDEN, USS SEATTLE, USS SPRUANCE, USS STUMP, USS THORN AND USS VINCENNES WAIVER OF PROHIBITION AGAINST CERTAIN SHIP MODIFICATIONS - DETERMINATION

Ref: (a) ASN (RD&A) memo of 9 Jun 00
(b) CNO memo 3090 Ser N764/3U623242 of 7 August 2003

Section 8053 of the Fiscal Year 1998 Department of Defense Appropriations Act, P.L. 105-56, prohibits the use of Fiscal Year 1998 or later funds "…to modify an aircraft, weapon, ship or other item of equipment, that the military department concerned plans to retire or otherwise dispose of within 5 years after completion of the modification: Provided, That this prohibition shall not apply to safety modifications: Provided further, That this prohibition may be waived by the Secretary of a military department if the Secretary determines it is in the best national security interest of the United States to provide such waiver and so notifies the congressional defense committees in writing." The Secretary of the Navy has delegated this waiver authority to the Assistant Secretary of the Navy (Research, Development, and Acquisition) by reference (a).

As documented in reference (b), the fiscal year 2004 funded upgrades for USS AUSTIN (LPD 4), USS BELLEAU WOOD (LHA 3), USS CUSHING (DD 985), USS DETROIT (AOE 4), USS DULUTH (LPD 6), USS OGDEN (LPD 5), USS SEATTLE (AOE 3), USS SPRUANCE (DD 963), USS STUMP (DD 978), USS THORN (DD 988) and USS VINCENNES (CG 49) involves installation of mission-essential Electronic Warfare Systems upgrades, which are operationally required by these ships. This upgrade, funded with fiscal year 2004 Other Procurement Navy (OPN) appropriations, will consist of Engineering Change Proposal 593 Instantaneous Frequency Measurement/Coarse Frequency Receiver Blanker Upgrade. This upgrade will be completed within five years of the planned decommissioning of USS THORN in Fiscal Year 2004, USS CUSHING, USS OGDEN, USS SPRUANCE and USS VINCENNES in Fiscal Year 2005, USS AUSTIN, USS DETROIT, USS DULUTH, USS SEATTLE and USS STUMP in Fiscal Year 2006, and USS BELLEAU WOOD in Fiscal Year 2007.

All equipment to be installed in connection with these modifications are separable from the ship. This equipment will be removed and installed on another ship upon decommissioning.

I hereby determine it is in the best national security interest of the United States to waive the prohibition of Section 8053 for the purpose of completion of the foregoing funded ship modifications for USS AUSTIN, USS BELLEAU WOOD, USS CUSHING, USS DETROIT, USS DULUTH, USS OGDEN, USS SEATTLE, USS SPRUANCE USS STUMP, USS THORN and USS VINCENNES.

John J. Young, Jr.

CNO SUMMARY DESCRIPTION OF USS AUSTIN UPGRADE

1. The following mission-essential Electronic Warfare systems upgrade for USS AUSTIN (LPD-4) is scheduled using Fiscal-Year 2004 Other Procurement Navy (OPN) appropriations. Installation will be completed within five years of the planned decommissioning in Fiscal-Year 2006. This upgrade is critical to USS AUSTIN as a deployed surface combatant operating in support of Second, Sixth and Fifth Fleet Commanders. A brief description of the system upgrade, its tactical utility, and cost of equipment, installation and removal is provided.

a. AN/SLQ-32(V)1 ELECTRONIC WARFARE SYSTEM INSTANTANEOUS FREQUENCY MEASUREMENT (IFM)/COARSE FREQUENCY RECEIVER (CFR) BLANKER UPGRADE: AN/SLQ-32(V)1 Electronic Warfare System provides Electronic Warfare Support (ES) capabilities against Anti-Ship Cruise Missiles (ASCM). IFM/CFR Blanker upgrade (ECP 593) reduces Electromagnetic Interference (EMI) from own-ship emitters by adding blanking to the AN/SLQ-32(V)1 Angle Encoders.

- COST OF EQUIPMENT PROCUREMENT: $14K
- COST OF INSTALLATION AND TESTING: $ 6K
- COST OF REMOVAL AND REFURBISHMENT: $ 0 (1)

(1) Deinstall costs are part of AN/SLQ-32(V)1.

2. Costs required are for procurement and installation of system upgrade. Total estimated cost of waiver: $20K ($14K for equipment, $6K for installation and testing, and $0K for equipment removal and refurbishment).

3. The equipment to be installed is separable from the ship as an internal part of AN/SLQ-32(V)1. Upon ship's decommissioning, AN/SLQ-32(V)1 will be removed, refurbished, and available for installation on another platform, as required.

CNO SUMMARY DESCRIPTION OF USS BELLEAU WOOD UPGRADE

1. The following mission-essential Electronic Warfare systems upgrade for USS BELLEAU WOOD (LHA-3) is scheduled using Fiscal-Year 2004 Other Procurement Navy (OPN) appropriations. Installation will be completed within five years of the planned decommissioning in Fiscal-Year 2007. This upgrade is critical to USS BELLEAU WOOD as a deployed surface combatant operating in support of Third, Seventh, and Fifth Fleet Commanders. A brief description of the system upgrade, its tactical utility, and cost of equipment, installation and removal is provided.

a. AN/SLQ-32A(V)3 ELECTRONIC WARFARE SYSTEM INSTANTANEOUS FREQUENCY MEASUREMENT (IFM)/COARSE FREQUENCY RECEIVER (CFR) BLANKER UPGRADE: AN/SLQ-32A(V)3 Electronic Warfare System provides Electronic Warfare Support (ES) capabilities against Anti-Ship Cruise Missiles (ASCM). IFM/CFR Blanker upgrade (ECP 593) reduces Electromagnetic Interference (EMI) from own-ship emitters by adding blanking to the AN/SLQ-32A(V)3 Angle Encoders.

- COST OF EQUIPMENT PROCUREMENT: $14K
- COST OF INSTALLATION AND TESTING: $ 6K
- COST OF REMOVAL AND REFURBISHMENT: $ 0 (1)

(1) Deinstall costs are part of AN/SLQ-32A(V)3.

2. Costs required are for procurement and installation of system upgrade. Total estimated cost of waiver: $20K ($14K for equipment, $6K for installation and testing, and $0K for equipment removal and refurbishment).

3. The equipment to be installed is separable from the ship as an internal part of AN/SLQ-32A(V)3. Upon ship's decommissioning, AN/SLQ-32A(V)3 will be removed, refurbished, and available for installation on another platform, as required.

CNO SUMMARY DESCRIPTION OF USS CUSHING UPGRADE

1. The following mission-essential Electronic Warfare systems upgrade for USS CUSHING (DD-985) is scheduled using Fiscal-Year 2004 Other Procurement Navy (OPN) appropriations. Installation will be completed within five years of the planned decommissioning in Fiscal-Year 2005. This upgrade is critical to USS CUSHING as a deployed surface combatant operating in support of Third, Seventh, and Fifth Fleet Commanders. A brief description of the system upgrade, its tactical utility, and cost of equipment, installation and removal is provided.

a. AN/SLQ-32A(V)3 ELECTRONIC WARFARE SYSTEM INSTANTANEOUS FREQUENCY MEASUREMENT (IFM)/COARSE FREQUENCY RECEIVER (CFR) BLANKER UPGRADE: AN/SLQ-32A(V)3 Electronic Warfare System provides Electronic Warfare Support (ES) capabilities against Anti-Ship Cruise Missiles (ASCM). IFM/CFR Blanker upgrade (ECP 593) reduces Electromagnetic Interference (EMI) from own-ship emitters by adding blanking to the AN/SLQ-32A(V)3 Angle Encoders.

- COST OF EQUIPMENT PROCUREMENT: $14K
- COST OF INSTALLATION AND TESTING: $ 6K
- COST OF REMOVAL AND REFURBISHMENT: $ 0 (1)

(1) Deinstall costs are part of AN/SLQ-32A(V)3.

2. Costs required are for procurement and installation of system upgrade. Total estimated cost of waiver: $20K ($14K for equipment, $6K for installation and testing, and $0K for equipment removal and refurbishment).

3. The equipment to be installed is separable from the ship as an internal part of AN/SLQ-32A(V)3. Upon ship's decommissioning, AN/SLQ-32A(V)3 will be removed, refurbished, and available for installation on another platform, as required.

CNO SUMMARY DESCRIPTION OF USS DETROIT UPGRADE

1. The following mission-essential Electronic Warfare systems upgrade for USS DETROIT (AOE-4) is scheduled using Fiscal-Year 2004 Other Procurement Navy (OPN) appropriations. Installation will be completed within five years of the planned decommissioning in Fiscal-Year 2006. This upgrade is critical to USS DETROIT as a deployed surface combatant operating in support of Second, Sixth and Fifth Fleet Commanders. A brief description of the system upgrade, its tactical utility, and cost of equipment, installation and removal is provided.

a. AN/SLQ-32A(V)3 ELECTRONIC WARFARE SYSTEM INSTANTANEOUS FREQUENCY MEASUREMENT (IFM)/COARSE FREQUENCY RECEIVER (CFR) BLANKER UPGRADE: AN/SLQ-32A(V)3 Electronic Warfare System provides Electronic Warfare Support (ES) capabilities against Anti-Ship Cruise Missiles (ASCM). IFM/CFR Blanker upgrade (ECP 593) reduces Electromagnetic Interference (EMI) from own-ship emitters by adding blanking to the AN/SLQ-32A(V)3 Angle Encoders.

- COST OF EQUIPMENT PROCUREMENT: $14K
- COST OF INSTALLATION AND TESTING: $ 6K
- COST OF REMOVAL AND REFURBISHMENT: $ 0 (1)

(1) Deinstall costs are part of AN/SLQ-32A(V)3.

2. Costs required are for procurement and installation of system upgrade. Total estimated cost of waiver: $20K ($14K for equipment, $6K for installation and testing, and $0K for equipment removal and refurbishment).

3. The equipment to be installed is separable from the ship as an internal part of AN/SLQ-32A(V)3. Upon ship's decommissioning, AN/SLQ-32A(V)3 will be removed, refurbished, and available for installation on another platform, as required.

CNO SUMMARY DESCRIPTION OF USS DULUTH UPGRADE

1. The following mission-essential Electronic Warfare systems upgrade for USS DULUTH (LPD-6) is scheduled using Fiscal-Year 2004 Other Procurement Navy (OPN) appropriations. Installation will be completed within five years of the planned decommissioning in Fiscal-Year 2006. This upgrade is critical to USS DULUTH as a deployed surface combatant operating in support of Third, Seventh and Fifth Fleet Commanders. A brief description of the system upgrade, its tactical utility, and cost of equipment, installation and removal is provided.

a. AN/SLQ-32(V)1 ELECTRONIC WARFARE SYSTEM INSTANTANEOUS FREQUENCY MEASUREMENT (IFM)/COARSE FREQUENCY RECEIVER (CFR) BLANKER UPGRADE: AN/SLQ-32(V)1 Electronic Warfare System provides Electronic Warfare Support (ES) capabilities against Anti-Ship Cruise Missiles (ASCM). IFM/CFR Blanker upgrade (ECP 593) reduces Electromagnetic Interference (EMI) from own-ship emitters by adding blanking to the AN/SLQ-32(V)1 Angle Encoders.

- COST OF EQUIPMENT PROCUREMENT: $14K
- COST OF INSTALLATION AND TESTING: $ 6K
- COST OF REMOVAL AND REFURBISHMENT: $ 0 [1]

[1] Deinstall costs are part of AN/SLQ-32(V)1.

2. Costs required are for procurement and installation of system upgrade. Total estimated cost of waiver: $20K ($14K for equipment, $6K for installation and testing, and $0K for equipment removal and refurbishment).

3. The equipment to be installed is separable from the ship as an internal part of AN/SLQ-32(V)1. Upon ship's decommissioning, AN/SLQ-32(V)1 will be removed, refurbished, and available for installation on another platform, as required.

CNO SUMMARY DESCRIPTION OF USS OGDEN UPGRADE

1. The following mission-essential Electronic Warfare systems upgrade for USS OGDEN (LPD-5) is scheduled using Fiscal-Year 2004 Other Procurement Navy (OPN) appropriations. Installation will be completed within five years of the planned decommissioning in Fiscal-Year 2005. This upgrade is critical to USS OGDEN as a deployed surface combatant operating in support of Third, Seventh and Fifth Fleet Commanders. A brief description of the system upgrade, its tactical utility, and cost of equipment, installation and removal is provided.

a. AN/SLQ-32(V)1 ELECTRONIC WARFARE SYSTEM INSTANTANEOUS FREQUENCY MEASUREMENT (IFM)/COARSE FREQUENCY RECEIVER (CFR) BLANKER UPGRADE: AN/SLQ-32(V)1 Electronic Warfare System provides Electronic Warfare Support (ES) capabilities against Anti-Ship Cruise Missiles (ASCM). IFM/CFR Blanker upgrade (ECP 593) reduces Electromagnetic Interference (EMI) from own-ship emitters by adding blanking to the AN/SLQ-32(V)1 Angle Encoders.

- COST OF EQUIPMENT PROCUREMENT: $14K
- COST OF INSTALLATION AND TESTING: $ 6K
- COST OF REMOVAL AND REFURBISHMENT: $ 0 (1)

(1) Deinstall costs are part of AN/SLQ-32(V)1.

2. Costs required are for procurement and installation of system upgrade. Total estimated cost of waiver: $20K ($14K for equipment, $6K for installation and testing, and $0K for equipment removal and refurbishment).

3. The equipment to be installed is separable from the ship as an internal part of AN/SLQ-32(V)1. Upon ship's decommissioning, AN/SLQ-32(V)1 will be removed, refurbished, and available for installation on another platform, as required.

CNO SUMMARY DESCRIPTION OF USS SEATTLE UPGRADE

1. The following mission-essential Electronic Warfare systems upgrade for USS SEATTLE (AOE-3) is scheduled using Fiscal-Year 2004 Other Procurement Navy (OPN) appropriations. Installation will be completed within five years of the planned decommissioning in Fiscal-Year 2006. This upgrade is critical to USS SEATTLE as a deployed surface combatant operating in support of Second, Sixth and Fifth Fleet Commanders. A brief description of the system upgrade, its tactical utility, and cost of equipment, installation and removal is provided.

a. AN/SLQ-32A(V)3 ELECTRONIC WARFARE SYSTEM INSTANTANEOUS FREQUENCY MEASUREMENT (IFM)/COARSE FREQUENCY RECEIVER (CFR) BLANKER UPGRADE: AN/SLQ-32A(V)3 Electronic Warfare System provides Electronic Warfare Support (ES) capabilities against Anti-Ship Cruise Missiles (ASCM). IFM/CFR Blanker upgrade (ECP 593) reduces Electromagnetic Interference (EMI) from own-ship emitters by adding blanking to the AN/SLQ-32A(V)3 Angle Encoders.

- COST OF EQUIPMENT PROCUREMENT: $14K
- COST OF INSTALLATION AND TESTING: $ 6K
- COST OF REMOVAL AND REFURBISHMENT: $ 0 (1)

(1) Deinstall costs are part of AN/SLQ-32A(V)3.

2. Costs required are for procurement and installation of system upgrade. Total estimated cost of waiver: $20K ($14K for equipment, $6K for installation and testing, and $0K for equipment removal and refurbishment).

3. The equipment to be installed is separable from the ship as an internal part of AN/SLQ-32A(V)3. Upon ship's decommissioning, AN/SLQ-32A(V)3 will be removed, refurbished, and available for installation on another platform, as required.

CNO SUMMARY DESCRIPTION OF USS SPRUANCE UPGRADE

1. The following mission-essential Electronic Warfare systems upgrade for USS SPRUANCE (DD-963) is scheduled using Fiscal-Year 2004 Other Procurement Navy (OPN) appropriations. Installation will be completed within five years of the planned decommissioning in Fiscal-Year 2005. This upgrade is critical to USS SPRUANCE as a deployed surface combatant operating in support of Second, Sixth, and Fifth Fleet Commanders. A brief description of the system upgrade, its tactical utility, and cost of equipment, installation and removal is provided.

a. AN/SLQ-32A(V)3 ELECTRONIC WARFARE SYSTEM INSTANTANEOUS FREQUENCY MEASUREMENT (IFM)/COARSE FREQUENCY RECEIVER (CFR) BLANKER UPGRADE: AN/SLQ-32A(V)3 Electronic Warfare System provides Electronic Warfare Support (ES) capabilities against Anti-Ship Cruise Missiles (ASCM). IFM/CFR Blanker upgrade (ECP 593) reduces Electromagnetic Interference (EMI) from own-ship emitters by adding blanking to the AN/SLQ-32A(V)3 Angle Encoders.

- COST OF EQUIPMENT PROCUREMENT: $14K
- COST OF INSTALLATION AND TESTING: $ 6K
- COST OF REMOVAL AND REFURBISHMENT: $ 0 [1]

[1] Deinstall costs are part of AN/SLQ-32A(V)3.

2. Costs required are for procurement and installation of system upgrade. Total estimated cost of waiver: $20K ($14K for equipment, $6K for installation and testing, and $0K for equipment removal and refurbishment).

3. The equipment to be installed is separable from the ship as an internal part of AN/SLQ-32A(V)3. Upon ship's decommissioning, AN/SLQ-32A(V)3 will be removed, refurbished, and available for installation on another platform, as required.

CNO SUMMARY DESCRIPTION OF USS STUMP UPGRADE

1. The following mission-essential Electronic Warfare systems upgrade for USS STUMP (DD-978) is scheduled using Fiscal-Year 2004 Other Procurement Navy (OPN) appropriations. Installation will be completed within five years of the planned decommissioning in Fiscal-Year 2006. This upgrade is critical to USS STUMP as a deployed surface combatant operating in support of Second, Sixth, and Fifth Fleet Commanders. A brief description of the system upgrade, its tactical utility, and cost of equipment, installation and removal is provided.

a. AN/SLQ-32A(V)3 ELECTRONIC WARFARE SYSTEM INSTANTANEOUS FREQUENCY MEASUREMENT (IFM)/COARSE FREQUENCY RECEIVER (CFR) BLANKER UPGRADE: AN/SLQ-32A(V)3 Electronic Warfare System provides Electronic Warfare Support (ES) capabilities against Anti-Ship Cruise Missiles (ASCM). IFM/CFR Blanker upgrade (ECP 593) reduces Electromagnetic Interference (EMI) from own-ship emitters by adding blanking to the AN/SLQ-32A(V)3 Angle Encoders.

- COST OF EQUIPMENT PROCUREMENT: $14K
- COST OF INSTALLATION AND TESTING: $ 6K
- COST OF REMOVAL AND REFURBISHMENT: $ 0 [1]

[1] Deinstall costs are part of AN/SLQ-32A(V)3.

2. Costs required are for procurement and installation of system upgrade. Total estimated cost of waiver: $20K ($14K for equipment, $6K for installation and testing, and $0K for equipment removal and refurbishment).

3. The equipment to be installed is separable from the ship as an internal part of AN/SLQ-32A(V)3. Upon ship's decommissioning, AN/SLQ-32A(V)3 will be removed, refurbished, and available for installation on another platform, as required.

CNO SUMMARY DESCRIPTION OF USS THORN UPGRADE

1. The following mission-essential Electronic Warfare systems upgrade for USS THORN (DD-988) is scheduled using Fiscal-Year 2004 Other Procurement Navy (OPN) appropriations. Installation will be completed within five years of the planned decommissioning in Fiscal-Year 2004. This upgrade is critical to USS THORN as a deployed surface combatant operating in support of Second, Sixth, and Fifth Fleet Commanders. A brief description of the system upgrade, its tactical utility, and cost of equipment, installation and removal is provided.

a. AN/SLQ-32A(V)3 ELECTRONIC WARFARE SYSTEM INSTANTANEOUS FREQUENCY MEASUREMENT (IFM)/COARSE FREQUENCY RECEIVER (CFR) BLANKER UPGRADE: AN/SLQ-32A(V)3 Electronic Warfare System provides Electronic Warfare Support (ES) capabilities against Anti-Ship Cruise Missiles (ASCM). IFM/CFR Blanker upgrade (ECP 593) reduces Electromagnetic Interference (EMI) from own-ship emitters by adding blanking to the AN/SLQ-32A(V)3 Angle Encoders.

- COST OF EQUIPMENT PROCUREMENT: $14K
- COST OF INSTALLATION AND TESTING: $ 6K
- COST OF REMOVAL AND REFURBISHMENT: $ 0 (1)

(1) Deinstall costs are part of AN/SLQ-32A(V)3.

2. Costs required are for procurement and installation of system upgrade. Total estimated cost of waiver: $20K ($14K for equipment, $6K for installation and testing, and $0K for equipment removal and refurbishment).

3. The equipment to be installed is separable from the ship as an internal part of AN/SLQ-32A(V)3. Upon ship's decommissioning, AN/SLQ-32A(V)3 will be removed, refurbished, and available for installation on another platform, as required.

CNO SUMMARY DESCRIPTION OF USS VINCENNES UPGRADE

1. The following mission-essential Electronic Warfare systems upgrade for USS VINCENNES (CG-49) is scheduled using Fiscal-Year 2004 Other Procurement Navy (OPN) appropriations. Installation will be completed within five years of the planned decommissioning in Fiscal-Year 2005. This upgrade is critical to USS VINCENNES as a forward deployed surface combatant operating in support of Seventh and Fifth Fleet Commanders. A brief description of the system upgrade, its tactical utility, and cost of equipment, installation and removal is provided.

a. AN/SLQ-32A(V)3 ELECTRONIC WARFARE SYSTEM INSTANTANEOUS FREQUENCY MEASUREMENT (IFM)/COARSE FREQUENCY RECEIVER (CFR) BLANKER UPGRADE: AN/SLQ-32A(V)3 Electronic Warfare System provides Electronic Warfare Support (ES) capabilities against Anti-Ship Cruise Missiles (ASCM). IFM/CFR Blanker upgrade (ECP 593) reduces Electromagnetic Interference (EMI) from own-ship emitters by adding blanking to the AN/SLQ-32A(V)3 Angle Encoders.

- COST OF EQUIPMENT PROCUREMENT: $14K
- COST OF INSTALLATION AND TESTING: $ 6K
- COST OF REMOVAL AND REFURBISHMENT: $ 0 (1)

(1) Deinstall costs are part of AN/SLQ-32A(V)3.

2. Costs required are for procurement and installation of system upgrade. Total estimated cost of waiver: $20K ($14K for equipment, $6K for installation and testing, and $0K for equipment removal and refurbishment).

3. The equipment to be installed is separable from the ship as an internal part of AN/SLQ-32A(V)3. Upon ship's decommissioning, AN/SLQ-32A(V)3 will be removed, refurbished, and available for installation on another platform, as required.