

CLASSIFICATION:

UNCLASSIFIED

| BUDGET ITEM JUSTIFICATION SHEET P-40 | | | | | | | DATE: February 2004 | | | | | |
|---|-------------|---------|----|---------------|---------------|---------------|---|---------------|----------------|----------------|--------------|----------------|
| APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/BA-2 | | | | | | | P-1 ITEM NOMENCLATURE SUB SUPPORT EQUIPMENT PROGRAM/256000/256005 | | | | | |
| Program Element for Code B Items: | | | | | | | Other Related Program Elements | | | | | |
| | Prior Years | ID Code | FY | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | To Complete | Total |
| QUANTITY | | | | | | | | | | | | |
| COST (In Millions) | | | | \$86.3 | \$70.9 | \$79.0 | \$96.3 | \$78.8 | \$104.3 | \$108.6 | \$0.0 | \$624.1 |
| SPARES COST (In Millions) | | | | | | | | | | | | \$0.0 |
| <p>ES SYSTEMS This program consolidated the following programs in FY2000: From: 251600 AN/WLQ-4 218000/05 Sonar Support Equipment 232000/05 AN/WLR-1 To: 256000/05 Submarine Support Equipment Program</p> <p>SSEP: (U) The Submarine Support Equipment Program was established to develop and support systems which provide the capability to exploit signal intercepts for tactical support and early warning of threat sensors. The Electronic Warfare Support (ES) and ICADF Operational Requirements Document (ORD) Ser. No. 570-77-00 dated 20 Dec. 2000, established funding to procure AN/BLQ-10(V) Electronic Warfare Support (ES) systems to provide a modern ES capability to LOS ANGELES, SEAWOLF and OHIO Class submarines. Funds also procure Reliability & Maintainability, obsolescence and Operational Field Change Kits for the AN/WLR-8(V)2, a tactical ES Receiver for the LOS ANGELES Class submarines providing intercept, surveillance, and signal parameter analysis of electromagnetic signals for threat warning. Funds buy unique equipment in limited quantities that are maintained in a pool and rotated among attack submarines as dictated by scheduled operations and to provide specific capability improvements to major SSN sensor systems. This program also procures support equipment for shore based acoustic intelligence analysis centers, and procures field changes to the AN/WLR-8 (V)2 threat detection system and AN/BRD-7 direction finding system, as well as modification kits to the AN/WLR-1H(V)7 Countermeasures Receiving Set for CV/CVNs and WHEC Cutters.</p> <p>A. ML001 - Procures the Troll COMINT Exploitation Suite commencing in FY-03. This line provides an enhanced COMINT exploitation capability for the AN/BLQ-10 (V)2/3 System in support of CVBG, fleet and national operational requirements, implements Maritime Cryptologic Architecture (MCA), and is synchronized with Navy IT-21 to deliver critical intelligence to tactical, theater, and national commanders in real time. Procures Delta Kit portion of CLASSIC TROLL carry-on equipment for advanced signal analysis and recording capability in forward deployed special operations.</p> <p>B. ML002 - Procures the Interactive Multi-media Instruction (IMI) upgrade for the AN/BLQ-10 (V)1 Land Based Trainer in FY-03.</p> | | | | | | | | | | | | |

P-1 SHOPPING LIST

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| BUDGET ITEM JUSTIFICATION SHEET | | DATE: |
| P-40 | | February 2004 |
| APPROPRIATION/BUDGET ACTIVITY | P-1 ITEM NOMENCLATURE | |
| OTHER PROCUREMENT, NAVY/BA-2 | SUB SUPPORT EQUIPMENT PROGRAM/256000/5 | |
| <p>C. ML003 - SSEP special support equipment allows the procurement of special purpose test equipment utilized by the Type Commander Groom Teams. Exact quantities vary from year to year based on Fleet requirements. Provides analysis equipment for SSEP Aural Analysis Booths at New London, CT; Pearl Harbor, HI; and San Diego, CA. Equipment is used for analysis of AN/BQH-5(V)4 acoustic intelligence data. Variable quantities and types are bought in each fiscal year.</p> <p>D. ML005 - Procures AN/BRD-7 Reliability and Maintainability (R&M), obsolescence and operational Field Change Kits (i.e.); Digital Compression Filter, and related H,M&E sail components.</p> <p>E. ML007 - Procures the ICADFcommunications direction finding system below deck units for installation on LOS ANGELES and SEAWOLF Class submarines.</p> <p>F. ML008 - Procures the ICADF antenna for installation on LOS ANGELES and SEAWOLF Class submarines.</p> <p>G. ML009 - Procures AN/BLQ-10 (V) Advance Processor Build (APB-EW) software builds for installation on LOS ANGELES and SEAWOLF Class submarines.</p> <p>H. ML010 - Procures AN/BLQ-10 (V) APB-EW technical refresh upgrades hardware builds including the Digital Radio Frequency Processing upgrade and VME Receiver for installation on LOS ANGELES and SEAWOLF Class submarines.</p> <p>I. ML011 - Procures AN/WLR-8 R&M Field Change Kits (i.e.); Digital Display Unit (DDU) obsolescence upgrade.</p> <p>J. ML013 - Procures special purpose test equipment to aid in testing and troubleshooting ES Systems at the Submarine Intermediate Maintenance Activity (IMAs) and depot facilities.</p> <p>K. ML015 - Procures the AN/BLQ-10(V)2/3/4 ES System for installation on LOS ANGELES, SEAWOLF and TRIDENT Class submarines.</p> <p>L. ML017 - Procures AN/BLQ-10 (V) Product Improvement Field Change Kits including: Passive Surveillance Radar/ES Vulnerability Server (PSR/EVS) upgrade, GALE LITE upgrade, Info Assurance (IA)/Solaris upgrade, Exterior Comms System (ECS) Point to Point upgrade, SIGINT carry-on equipment racks, LPI Radar Receiver, and Submarine Weapon Systems upgrades. Also procures High Probability Intercept (HPI) Reliability & Maintainability and obsolescence Field Change Kits (i.e.); Control Display Processor Unit (CDPU) and Receiver Processor Unit (RPU).</p> <p>M. ML5IN - Provides for the Installation of Equipment including Fleet Modernization Program Installations for shipboard systems.</p> <p>N. MLDSA - The budget reflects the transfer of design services into the appropriate equipment P1 line item in accordance with full funding policy.</p> | | |

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| APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/BA-2 | P-1 ITEM NOMENCLATURE SUB SUPPORT EQUIPMENT PROGRAM/256000/256005 | |
| <p>AN/WLQ-4</p> <p>(U) This line procures upgrades to the AN/WLQ-4(V)1 and modification kits resulting from redesign of obsolescent subassemblies of the AN/WLQ-4(V) Submarine ESM Systems. It supports training curricula updates for the WLQ-4(V)1 System. It procures upgrades to the AN/WLQ-4(V)/(V)1 software support and maintenance support equipment. Funding also procures Test Program Sets (TPS) which provide technical and workload capability to test all analog, digital, radio frequency, and hybrid spare units of the AN/WLQ-4(V)/(V)1 systems. TPSs are used with existing Automatic Test Equipment (ATE) located at the Repair Depot, SSC, San Diego. The Repair/Test Stations include ATE, TPS, test fixtures special repair tools, test equipment and documentation. The description of each building block line item is as follows:</p> <p>A. ML019 - Reliability & Maintainability Mod Kits provides various AN/WLQ-4(V)1 upgrades, AN/WLQ-4(V)/(V)1 obsolescence replacement kits, R&M Kits and Software Support Activity (SSA) equipment upgrades.</p> <p>B. ML021 - AN/WLQ-4(V)1 Trainer - Procures curriculum updates associated with system upgrades and various R&M Mod Kits.</p> <p>C. ML022 - AN/WLQ-4(V)1 Depot Upgrade - Provides various upgrades to system Test Program Sets (TPS) as well as upgrades to Depot Test Support Equipment.</p> <p>D. ML024 - AN/WLQ-4(V)1 Intermediate Maintenance Activity (IMA) Support.</p> | | |

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| APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/BA-2 | P-1 ITEM NOMENCLATURE SUB SUPPORT EQUIPMENT PROGRAM/256000/256005 | |
| <p>SONAR SUPPORT EQUIPMENT *</p> <p>Program provides significant OPNAV approved performance enhancement field changes for in-service ASW sonars on submarines. It also provides life cycle support in producing field changes required because of aging, obsolete, or unreliable components or casualties. Funding is included for the installation of equipment including Fleet Modernization Program installations, trainer and shore site installations. In addition, various modifications to sonar general equipments are procured. This funding includes execution of the following major upgrades:</p> <p>A. ML025 - Procures planned improvements for ancillary sonars, including their support equipment and materials</p> <p> Procured the AN/BQN-17 Upgrade in FY02 and FY03.</p> <p> Procured the AN/BQS-15 EC-19 Precision Bottom Mapping Upgrade in FY02. This upgrade assists the ship in making decisions on how to safely exit the minefield. The total objective is thirty two (32) kits. Nine (9) kits were procured in FY02; five (5) kits procured in FY03.</p> <p>B. ML830 - Funds production engineering services that support procurement and installation of these systems. (Funds reprogrammed in FY-03 to Cost Code ML025)</p> <p>C. ML900 - Funds consulting services that support procurement and installation of these systems. (Funds reprogrammed in FY-03 to Cost Code ML025)</p> <p>D. ML5IN - Funds actual hardware installation during shipyard availabilities.</p> <p>* Note: Starting in FY-04, this Program is funded in BLI# 214700/SSN Acoustics (H2SA).</p> | | |

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| APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/BA-2 | P-1 ITEM NOMENCLATURE SUB SUPPORT EQUIPMENT PROGRAM/256000/256005 | |
| <p>AN/WLR-1H AIR - N78</p> <p>A. ML027 - FY03-FY04 funding is for the procurement of modification kits required to replace obsolete and high maintenance components on CV/CVNs.</p> <p>B. ML5IN: FY03-FY04 funding is for the installation of modification kits required to replace obsolete and high maintenance components on CV/CVNs.</p> <p>AN/WLR-1 SURFACE - N76</p> <p>SURFACE WARFARE (N76):</p> <p>A. ML028 - FY03-FY09 funding is for the procurement of modification kits required to replace obsolete and high maintenance components and to extend the life cycle of the system on WHEC Class Cutters.</p> <p>B. ML5IN: FY03-FY04 funding is for the installation of modification kits required to replace obsolete and high maintenance components on WHEC Class Cutters.</p> | | |

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| WEAPONS SYSTEM COST ANALYSIS P-5 | | | | Weapon System | | | | DATE: February 2004 | | | | | | | | |
|---|--|---------|------------------------------------|---------------|--|------------|----------|------------------------|---------------|----------|-----------|---------------|----------|-----------|---------------|--------|
| APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA2: COMMUNICATION & ELECTRONIC EQUIPMENT | | | | ID Code A | P-1 ITEM NOMENCLATURE/SUBHEAD SUB SUPPORT EQUIPMENT PROGRAM/H2ML/256000 | | | | | | | | | | | |
| COST CODE | ELEMENT OF COST | ID Code | TOTAL COST IN THOUSANDS OF DOLLARS | | | | | | | | | | | | | |
| | | | | | | FY 2003 | | | FY 2004 | | | FY 2005 | | | | |
| | | | Total Cost | Quantity | Unit Cost | Total Cost | Quantity | Unit Cost | Total Cost | Quantity | Unit Cost | Total Cost | Quantity | Unit Cost | Total Cost | |
| | SUBMARINE WARFARE (N77) | | | | | | | | | | | | | | | |
| ML001 | TROLL COMINT Exploitation Suite | A | | | | | 4 | 3,675 | 14,700 | | 4 | 3,734 | 14,935 | | | 0 |
| ML002 | AN/BLQ-10(V) TRAINER InterActive Multi-Media Instruction Package (IMI) | A | | | | | 1 | 3,100 | 3,100 | | | | 0 | | | 0 |
| ML003 | SSEP Special Support Equipment | A | | | | | | | 256 | | | | 260 | | | 265 |
| ML005 | AN/BRD-7 FCKs | A | | | | | | | 637 | | | | 721 | | | 735 |
| ML007 | ICADF | A | | | | | 3 | 4,280 | 12,840 | | 2 | 6,626 | 13,251 | 7 | 1,297 | 9,079 |
| ML008 | ICADF Antenna | A | | | | | 5 | 2,115 | 10,575 | | 6 | 1,548 | 9,289 | 7 | 1,504 | 10,529 |
| ML009 | APB - EW | A | | | | | | | 657 | | | | 668 | | | 1,452 |
| ML010 | Tech Refresh Upgrades | A | | | | | | | 0 | | | | 3,456 | | | 2,093 |
| ML011 | AN/WLR-8 R&M FCKs | A | | | | | | | 826 | | | | 509 | | | 519 |
| ML013 | ESM IMA Support | A | | | | | | | 157 | | | | 176 | | | 179 |
| ML015 | AN/BLQ-10(V) SSN ES System | A | | | | | 6 | 5,599 | 33,596 | | 2 | 9,144 | 18,288 | 5 | 7,249 | 36,244 |
| ML017 | AN/BLQ-10(V) FCKs | A | | | | | | | 737 | | | | 3,701 | | | 5,218 |
| ML019 | Reliability Modification Kits - WLQ-4 | A | | | | | | | 81 | | | | 0 | | | 0 |
| ML021 | AN/WLQ(V) Trainer | A | | | | | | | 309 | | | | 0 | | | 0 |
| ML024 | AN/WLQ-4(V)1 IMA Support | A | | | | | | | 24 | | | | 0 | | | 0 |
| SUB-TOTAL PROCUREMENT | | | 0 | | | 0 | | | 78,495 | | | 65,254 | | | 66,313 | |

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| WEAPONS SYSTEM COST ANALYSIS P-5 | | | | Weapon System | | | | DATE: February 2004 | | | | | | | | | | |
|--|--|---------|------------------------------------|---------------|--|------------|----------|------------------------|---------------|----------|-----------|------------|---------------|-----------|------------|--|--|---------------|
| APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy/BA-2 BA2: COMMUNICATION & ELECTRONIC EQUIPMENT | | | | ID Code A | P-1 ITEM NOMENCLATURE/SUBHEAD SUB SUPPORT EQUIPMENT PROGRAM/H2ML/256000 | | | | | | | | | | | | | |
| COST CODE | ELEMENT OF COST | ID Code | TOTAL COST IN THOUSANDS OF DOLLARS | | | | | | | | | | | | | | | |
| | | | | | | FY 2003 | | | FY 2004 | | | FY 2005 | | | | | | |
| | | | Total Cost | Quantity | Unit Cost | Total Cost | Quantity | Unit Cost | Total Cost | Quantity | Unit Cost | Total Cost | Quantity | Unit Cost | Total Cost | | | |
| | SUBMARINE WARFARE (N77) | | | | | | | | | | | | | | | | | |
| ML025 | Ancillary Sonar Improvement AN/BQS-15 EC-19 (Bottom Mapping) AN/BQN-17 (Upgrade) | A | | | | | 5 | 247 | 1,237 | | | 0 | | | | | | 0 |
| | | | | | | | | | 318 | | | 0 | | | | | | 0 |
| ML027 | Air AN/WLR-1H(V)7 Mod Kits - N78 | A | | | | | 0 | 0 | 0 | | 1 | 513 | 513 | | | | | 0 |
| ML028 | Surface AN/WLR-1H(V)7 Mod Kits - N76 | A | | | | | 3 | 473 | 1,418 | | 2 | 564 | 1,127 | | | | | 111 |
| ML830 | Sonar Production Support | A | | | | | | | 0 | | | | 0 | | | | | 0 |
| ML900 | Sonar Consulting Services | A | | | | | | | 0 | | | | 0 | | | | | 0 |
| | SUB TOTAL PROCUREMENT | | | | | | | | 2,973 | | | | 1,640 | | | | | 111 |
| | TOTAL PROCUREMENT | | | | | | | | 81,468 | | | | 66,894 | | | | | 66,424 |
| ML5IN | FMP Installation of Equipment | | | | | | | | | | | | | | | | | |
| | ICADF | A | | | | | | | 0 | | | | 0 | | | | | 1,068 |
| | ICADF DSA | A | | | | | | | 0 | | | | 0 | | | | | 267 |
| | ICADF Antenna | A | | | | | | | 0 | | | | 0 | | | | | 2,635 |
| | ICADF Antenna DSA | A | | | | | | | 0 | | | | 0 | | | | | 657 |
| | AN/BLQ-10(V) SSN ES System | A | | | | | | | 2,795 | | | | 2,923 | | | | | 5,896 |
| | AN/BLQ-10(V) SSN ES System DSA | A | | | | | | | 941 | | | | 590 | | | | | 1,231 |
| | SIGINT Carry-On Equipment Racks | A | | | | | | | 0 | | | | 0 | | | | | 632 |
| | SIGINT Carry-On Equipment Racks DSA | A | | | | | | | 0 | | | | 0 | | | | | 158 |
| | AN/UNQ-9 (IDARS Replacement) | A | | | | | | | 65 | | | | 0 | | | | | 0 |
| | AN/UNQ-9 (IDARS Replacement) DSA | A | | | | | | | 30 | | | | 0 | | | | | 0 |
| | AN/BQS-15 (EC-19 Bottom Mapping) | A | | | | | | | 180 | | | | 0 | | | | | 0 |
| | AN/BQS-15 (EC-19 Bottom Mapping)DSA | A | | | | | | | 68 | | | | 0 | | | | | 0 |
| | AN/BQN-17 Upgrade - N77 | A | | | | | | | 180 | | | | 0 | | | | | 0 |
| | AN/BQN-17 DSA - N77 | A | | | | | | | 65 | | | | 0 | | | | | 0 |
| | Air AN/WLR-1H(V)7 - N78 | A | | | | | | | 32 | | | | 112 | | | | | 0 |
| | Surface AN/WLR-1H(V)7 - N76 | A | | | | | | | 426 | | | | 352 | | | | | 0 |
| | SUB TOTAL FMP INSTALL | | | | | | | | 4,782 | | | | 3,977 | | | | | 12,544 |
| GRAND TOTAL | | | 0 | | | 0 | | | 86,250 | | | | 70,871 | | | | | 78,968 |

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| BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A) | | | | | Weapon System | | | A. DATE February 2004 | | |
|---|----------|-----------------------|--------------------|-------------------|---|----------------------------|---------------|------------------------------|---------------------------|--------------------------------|
| B. APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA-2 | | | | | C. P-1 ITEM NOMENCLATURE SUB SUPPORT EQUIPMENT PROGRAM/256000/05 | | | | SUBHEAD H2ML | |
| Cost Element/ FISCAL YEAR | QUANTITY | UNIT COST (000) | LOCATION OF PCO | RFP ISSUE DATE | CONTRACT METHOD & TYPE | CONTRACTOR AND LOCATION | AWARD DATE | DATE OF FIRST DELIVERY | SPECS AVAILABLE NOW | DATE REVISIONS AVAILABLE |
| FY-03 | | | | | | | | | | |
| ML001-Troll COM. Expl. | 4 | 3675 | CNSG | 10/02 | SS/FFP | Argon, VA Chantilly, VA | 7/03 | 1/05 | YES | N/A |
| ML002-AN/BLQ-10(V) trainer IMI Upgrade | 1 | 3100 | NSSSO | 10/02 | SS/FFP | Lockheed Martin, NY | 7/03 | 1/05 | YES | N/A |
| ML007-ICADF | 3 | 4280 | NSSSO | 10/02 | SS/FFP | Argon, VA | 7/03 | 1/05 | YES | N/A |
| ML008-ICADF Antenna | 5 | 2115 | NSSSO | 10/02 | SS/FFP | Argon, VA | 7/03 | 1/05 | YES | N/A |
| ML015- AN/BLQ-10 | 6 | 5599 | NSSSO | 10/02 | SS/FFP | Lockheed Martin, NY | 3/03 | 9/04 | YES | N/A |
| ML025 AN/BQS-15 EC-19 | 5 | 247 | NAVSEA | 10/02 | C/FFP | NSWC CRANE, IN | 10/02 | 7/03 | YES | N/A |
| ML028 Sur.WLR-1H(V)7MK | 3 | 473 | NAVSEA | 01/03 | C/FFP | Wideband Systems NJ | 02/03 | 8/03 | YES | N/A |
| FY-04 | | | | | | | | | | |
| ML001-Troll COM. Expl. | 4 | 3734 | CNSG | 10/03 | SS/FFP | Argon, VA | 3/04 | 9/05 | YES | N/A |
| ML007-ICADF | 2 | 6626 | NSSSO | 10/03 | SS/FFP | Lockheed Martin, NY | 6/04 | 12/05 | YES | N/A |
| ML008-ICADF Antenna | 6 | 1548 | NSSSO | 10/03 | SS/FFP | Lockheed Martin, NY | 6/04 | 12/05 | YES | N/A |
| ML015- AN/BLQ-10 | 2 | 9144 | NSSSO | 10/03 | SS/FFP | Lockheed Martin, NY | 6/04 | 12/05 | YES | N/A |
| ML027Air WLR-1H(V)7MK | 1 | 513 | NAVSEA | 01/04 | C/FFP | Wideband Systems NJ | 02/04 | 8/04 | YES | N/A |
| ML028 Sur.WLR-1H(V)7MK | 2 | 564 | NAVSEA | 01/04 | C/FFP | Wideband Systems NJ | 02/04 | 8/04 | YES | N/A |
| FY-05 | | | | | | | | | | |
| ML007-ICADF | 7 | 1297 | NSSSO | 10/04 | SS/FFP | Lockheed Martin, NY | 4/05 | 10/06 | YES | N/A |
| ML008-ICADF Antenna | 7 | 1504 | NSSSO | 10/04 | SS/FFP | Lockheed Martin, NY | 4/05 | 10/06 | YES | N/A |
| ML015- AN/BLQ-10 | 5 | 7249 | NSSSO | 10/04 | SS/FFP | Lockheed Martin, NY | 4/05 | 10/06 | YES | N/A |
| D. REMARKS | | | | | | | | | | |

P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: ES System COMMS DF ML007 TYPE MODIFICATION: Shipalt MODIFICATION TITLE: ICADF (Below Decks)

DESCRIPTION/JUSTIFICATION:
 Provides advanced low-band COMINT Direction Finding (DF) capability compatible with CLASSIC TROLL and AN/BLQ-10 SSN ES system. Replaces obsolete AN/BRD-7 below decks equipment with modern, open-architecture system compliant with Maritime Cryptologic Architecture.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

| | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | TC | | TOTAL | | |
|-------------------------------------|-----------------|-----|-----|-----|---------|------|---------|------|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|-----|------|-------|-------|-----|
| | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | |
| <u>FINANCIAL PLAN (IN MILLIONS)</u> | | | | | | | | | | | | | | | | | | | | | | | |
| <u>RDT&E</u> | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| <u>PROCUREMENT</u> | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| INSTALLATION KITS - UNIT COST | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| EQUIPMENT | | | | | 3 | 12.8 | 2 | 13.2 | 7 | 9.1 | 6 | 8.7 | 6 | 8.3 | 6 | 9.0 | 6 | 9.1 | 21 | 32.0 | 57 | 102.2 | |
| EQUIPMENT NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| ENGINEERING CHANGE ORDERS | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| DATA | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| TRAINING EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| SUPPORT EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER: CCM | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INTERIM CONTRACTOR SUPPORT | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INSTALL COST | | | | | | | | | 3 | 1.3 | 2 | 0.9 | 7 | 2.9 | 6 | 2.8 | 6 | 2.9 | 33 | 16.4 | 57 | 27.2 | |
| TOTAL PROCUREMENT | 0 | 0.0 | 0 | 0.0 | 3 | 12.8 | 2 | 13.2 | 7 | 9.1 | 6 | 8.7 | 6 | 8.3 | 6 | 9.0 | 6 | 9.1 | 21 | 32 | 57 | 102.2 | |

P3A (Continued) **INDIVIDUAL MODIFICATION (Continued)**

MODELS OF SYSTEMS AFFECTED: ES System COMMS DF ML007 MODIFICATION TITLE: ICADF (Below Decks)

INSTALLATION INFORMATION:
 METHOD OF IMPLEMENTATION: AITs
 ADMINISTRATIVE LEADTIME: 6 Months PRODUCTION LEADTIME: 18 Months
 CONTRACT DATES: FY 2002: N/A FY 2003: Jul-03 FY 2004: Jun-04 FY 2005: Apr-05
 DELIVERY DATE: FY 2002: N/A FY 2003: Jan-05 FY 2004: Dec-05 FY 2005: Oct-06

(\$ in Millions)

| Cost: | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | To Complete | | Total | | | |
|-------------------|-----------------|----|-----|----|---------|----|---------|----|---------|----|---------|-----|---------|-----|---------|-----|---------|-----|-------------|-----|-------|------|-----|------|
| | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | | |
| FY 2002 & PRIOR | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| FY | | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2003 EQUIPMENT | | | | | | | | | | 3 | 1.3 | | | | | | | | | | | | 3 | 1.3 |
| FY 2004 EQUIPMENT | | | | | | | | | | | 2 | 0.9 | | | | | | | | | | | 2 | 0.9 |
| FY 2005 EQUIPMENT | | | | | | | | | | | | | 7 | 2.9 | | | | | | | | | 7 | 2.9 |
| FY 2006 EQUIPMENT | | | | | | | | | | | | | | | 6 | 2.8 | | | | | | | 6 | 2.8 |
| FY 2007 EQUIPMENT | | | | | | | | | | | | | | | | | 6 | 2.9 | | | | | 6 | 2.9 |
| FY 2008 EQUIPMENT | | | | | | | | | | | | | | | | | | | 6 | 2.9 | | | 6 | 2.9 |
| FY 2009 EQUIPMENT | | | | | | | | | | | | | | | | | | | | 6 | 3.0 | | 6 | 3.0 |
| TO COMPLETE | | | | | | | | | | | | | | | | | | | | | 21 | 10.5 | 21 | 10.5 |

INSTALLATION SCHEDULE:

| | FY 2002 & Prior | FY 2003 | | | | FY 2004 | | | | FY 2005 | | | | FY 2006 | | | | FY 2007 | | | | FY 2008 | | | | FY 2009 | | | | TC | TOTAL |
|-----|-----------------|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|----|-------|
| | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | |
| In | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 3 | 3 | 0 | 1 | 2 | 3 | 0 | 0 | 3 | 3 | 0 | 33 | 57 |
| Out | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 3 | 3 | 0 | 1 | 2 | 3 | 0 | 0 | 3 | 3 | 0 | 33 | 57 |

P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: ES System COMMS_DF ML008 TYPE MODIFICATION: Shipalt MODIFICATION TITLE: ICADF Antenna

DESCRIPTION/JUSTIFICATION:
 Synchronizes improved low-band direction finding SIGINT sensor with coordinated N77/CNSG CLASSIC TROLL procurement. Replaces obsolete AN/BRD-7 antenna equipment with modern, open-architecture system compliant with Maritime Cryptologic Architecture.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: _____

| | <u>FY 2002 & Prior</u> | | <u>FY</u> | | <u>FY 2003</u> | | <u>FY 2004</u> | | <u>FY 2005</u> | | <u>FY 2006</u> | | <u>FY 2007</u> | | <u>FY 2008</u> | | <u>FY 2009</u> | | <u>IC</u> | | <u>TOTAL</u> | |
|-------------------------------------|----------------------------|----|-----------|----|----------------|------|----------------|-----|----------------|------|----------------|-----|----------------|-----|----------------|-----|----------------|-----|-----------|------|--------------|------|
| | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ |
| <u>FINANCIAL PLAN (IN MILLIONS)</u> | | | | | | | | | | | | | | | | | | | | | | |
| <u>RDT&E</u> | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| <u>PROCUREMENT</u> | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| INSTALLATION KITS - UNIT COST | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS NONRECURRING | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| EQUIPMENT | | | | | 5 | 10.6 | 6 | 9.3 | 7 | 10.5 | 6 | 9.4 | 6 | 9.6 | 6 | 9.5 | 6 | 9.7 | 15 | 24.3 | 57 | 93.0 |
| EQUIPMENT NONRECURRING | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| ENGINEERING CHANGE ORDERS | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| DATA | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| TRAINING EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| SUPPORT EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER: CCM | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INTERIM CONTRACTOR SUPPORT | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INSTALL COST | | | | | | | | 5 | 3.3 | 6 | 4.1 | 7 | 4.3 | 6 | 4.2 | 6 | 4.3 | 27 | 20.2 | 57 | 40.4 | |
| TOTAL PROCUREMENT | | | | | 5 | 10.6 | 6 | 9.3 | 7 | 10.5 | 6 | 9.4 | 6 | 9.6 | 6 | 9.5 | 6 | 9.7 | 15 | 24 | 57 | 93.0 |

P3A (Continued) **INDIVIDUAL MODIFICATION (Continued)**

MODELS OF SYSTEMS AFFECTED: ES System COMMS DF ML008 MODIFICATION TITLE: ICADF Antenna

INSTALLATION INFORMATION:
 METHOD OF IMPLEMENTATION: AITs
 ADMINISTRATIVE LEADTIME: 6 Months PRODUCTION LEADTIME: 18 Months
 CONTRACT DATES: FY 2002: N/A FY 2003: Jul-03 FY 2004: Jun-04 FY 2005: Apr-05
 DELIVERY DATE: FY 2002: N/A FY 2003: Jan-05 FY 2004: Dec-05 FY 2005: Oct-06

(\$ in Millions)

| Cost: | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | To Complete | | Total | |
|-------------------|-----------------|----|-----|----|---------|----|---------|----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|-------------|------|-------|------|
| | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ |
| FY 2002 & PRIOR | | 0 | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2003 EQUIPMENT | | | | | | | | | 5 | 3.3 | | | | | | | | | | | 5 | 3.3 |
| FY 2004 EQUIPMENT | | | | | | | | | | | 6 | 4.1 | | | | | | | | | 6 | 4.1 |
| FY 2005 EQUIPMENT | | | | | | | | | | | | | 7 | 4.3 | | | | | | | 7 | 4.3 |
| FY 2006 EQUIPMENT | | | | | | | | | | | | | | | 6 | 4.2 | | | | | 6 | 4.2 |
| FY 2007 EQUIPMENT | | | | | | | | | | | | | | | | | 6 | 4.3 | | | 6 | 4.3 |
| FY 2008 EQUIPMENT | | | | | | | | | | | | | | | | | | | 6 | 4.4 | 6 | 4.4 |
| FY 2009 EQUIPMENT | | | | | | | | | | | | | | | | | | | 6 | 4.5 | 6 | 4.5 |
| TO COMPLETE | | | | | | | | | | | | | | | | | | | 15 | 11.3 | 15 | 11.3 |

INSTALLATION SCHEDULE:

| | FY 2002 & Prior | FY 2003 | | | | FY 2004 | | | | FY 2005 | | | | FY 2006 | | | | FY 2007 | | | | FY 2008 | | | | FY 2009 | | | | TC | TOTAL |
|-----|-----------------|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|----|-------|
| | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | |
| In | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 3 | 3 | 0 | 1 | 3 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 27 | 57 |
| Out | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 3 | 3 | 0 | 1 | 3 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 27 | 57 |

P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: AN/BLQ-10 SSN ES Backfit Sys TYPE MODIFICATION: Shipalt MODIFICATION TITLE: AN/BLQ-10(V)2/3/4
 ML015

DESCRIPTION/JUSTIFICATION:
 Provides fully Integrated, covert, forward area radar signal intercept and ID capability for installation on LOS ANGELES and SEAWOLF Class, and SSGN Project Submarines.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

| | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | TC | | TOTAL | | |
|-------------------------------------|-----------------|------|-----|-----|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-----|------|-------|-------|-----|
| | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | |
| <u>FINANCIAL PLAN (IN MILLIONS)</u> | | | | | | | | | | | | | | | | | | | | | | | |
| <u>RDT&E</u> | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| <u>PROCUREMENT</u> | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| INSTALLATION KITS - UNIT COST | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| EQUIPMENT | 8 | 37.1 | | | 6 | 33.6 | 2 | 18.3 | 5 | 36.2 | 9 | 59.7 | 7 | 45.0 | 8 | 52.0 | 7 | 46.3 | 5 | 7.4 | 57 | 335.6 | |
| EQUIPMENT NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| ENGINEERING CHANGE ORDERS | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| DATA | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| TRAINING EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| SUPPORT EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER: CCM | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INTERIM CONTRACTOR SUPPORT | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INSTALL COST | 3 | 2.7 | | | 2 | 3.7 | 3 | 3.5 | 5 | 7.1 | 3 | 3.8 | 5 | 5.8 | 9 | 11.8 | 7 | 9.3 | 20 | 29.5 | 57 | 77.2 | |
| TOTAL PROCUREMENT | 8 | 37.1 | 0 | 0.0 | 6 | 33.6 | 2 | 18.3 | 5 | 36.2 | 9 | 59.7 | 7 | 45.0 | 8 | 52.0 | 7 | 46.3 | 5 | 7.4 | 57 | 335.6 | |

P3A (Continued) **INDIVIDUAL MODIFICATION (Continued)**

MODELS OF SYSTEMS AFFECTED: AN/BLQ-10 SSN ES Backfit Sys. ML015 MODIFICATION TITLE: AN/BLQ-10(V)2/3/4

INSTALLATION INFORMATION:
 METHOD OF IMPLEMENTATION: AITs
 ADMINISTRATIVE LEADTIME: 6 Months PRODUCTION LEADTIME: 18 Months
 CONTRACT DATES: FY 2002: Mar-02 FY 2003: Mar-03 FY 2004: Jun-04 FY 2005: Apr-05
 DELIVERY DATE: FY 2002: Sep-03 FY 2003: Sep-04 FY 2004: Dec-05 FY 2005: Oct-06

(\$ in Millions)

| Cost: | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | To Complete | | Total | |
|-------------------|-----------------|-----|-----|----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|------|---------|-----|-------------|------|-------|------|
| | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ |
| FY 2002 & PRIOR | 3 | 2.7 | | | 2 | 3.7 | 3 | 3.5 | | | | | | | | | | | | | 8 | 7.2 |
| FY | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2003 EQUIPMENT | | | | | | | | | 5 | 7.1 | 1 | 1.3 | | | | | | | | | 6 | 8.4 |
| FY 2004 EQUIPMENT | | | | | | | | | | | 2 | 2.5 | | | | | | | | | 2 | 2.5 |
| FY 2005 EQUIPMENT | | | | | | | | | | | | | 5 | 5.8 | | | | | | | 5 | 5.8 |
| FY 2006 EQUIPMENT | | | | | | | | | | | | | | | 9 | 11.8 | | | | | 9 | 11.8 |
| FY 2007 EQUIPMENT | | | | | | | | | | | | | | | | | 7 | 9.3 | | | 7 | 9.3 |
| FY 2008 EQUIPMENT | | | | | | | | | | | | | | | | | | | 8 | 11.8 | 8 | 11.8 |
| FY 2009 EQUIPMENT | | | | | | | | | | | | | | | | | | | 7 | 10.3 | 7 | 10.3 |
| TO COMPLETE | | | | | | | | | | | | | | | | | | | 5 | 7.4 | 5 | 7.4 |

INSTALLATION SCHEDULE:

| | FY 2002 & Prior | FY 2003 | | | | FY 2004 | | | | FY 2005 | | | | FY 2006 | | | | FY 2007 | | | | FY 2008 | | | | FY 2009 | | | | TC | TOTAL |
|-----|-----------------|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|----|-------|
| | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | |
| In | 3 | 1 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 2 | 2 | 0 | 1 | 1 | 1 | 0 | 2 | 2 | 1 | 0 | 2 | 3 | 3 | 1 | 2 | 3 | 1 | 1 | 20 | 57 |
| Out | 3 | 1 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 2 | 2 | 0 | 1 | 1 | 1 | 0 | 2 | 2 | 1 | 0 | 2 | 3 | 3 | 1 | 2 | 3 | 1 | 1 | 20 | 57 |

P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: AN/BLQ-10 SSN ES Backfit Sys TYPE MODIFICATION: Shipalt MODIFICATION TITLE: PSR/ES Vulnerability Server
 ML017

DESCRIPTION/JUSTIFICATION:
 Provides forward deployed SSN with ability to passively exploit off-board surface search radars and display threat radar picture in real time. ES Vulnerability Server provides capability to monitor own ship's susceptibility to detection by threat radars. Systems are integrated into AN/BLQ-10 mainframe ES system.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

| | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | IC | | TOTAL | | |
|-------------------------------------|-----------------|----|-----|----|---------|----|---------|----|---------|----|---------|-----|---------|----|---------|-----|---------|-----|-----|-----|-------|----|-----|
| | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | |
| <u>FINANCIAL PLAN (IN MILLIONS)</u> | | | | | | | | | | | | | | | | | | | | | | | |
| <u>RDT&E</u> | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| <u>PROCUREMENT</u> | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| INSTALLATION KITS - UNIT COST | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| EQUIPMENT | | | | | | | | | | | 6 | 3.2 | | | 2 | 1.1 | 2 | 1.1 | 6 | 3.3 | | 16 | 8.7 |
| EQUIPMENT NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| ENGINEERING CHANGE ORDERS | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| DATA | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| TRAINING EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| SUPPORT EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER: CCM | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INTERIM CONTRACTOR SUPPORT | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INSTALL COST | | | | | | | | | | | | | | 6 | 0.3 | | | 10 | 0.5 | | | 16 | 0.8 |
| TOTAL PROCUREMENT | | | | | | | | | | | 6 | 3.2 | | | 2 | 1.1 | 2 | 1.1 | 6 | 3.3 | | 16 | 8.7 |

P3A (Continued) **INDIVIDUAL MODIFICATION (Continued)**

MODELS OF SYSTEMS AFFECTED: AN/BLQ-10 SSN ES Backfit Sys. ML017 MODIFICATION TITLE: PSR/ES Vulnerability Server

INSTALLATION INFORMATION:
 METHOD OF IMPLEMENTATION: AITs
 ADMINISTRATIVE LEADTIME: 6 Months PRODUCTION LEADTIME: 18 Months
 CONTRACT DATES: FY 2002: N/A FY 2003: N/A FY 2004: N/A FY 2005: N/A
 DELIVERY DATE: FY 2002: N/A FY 2003: N/A FY 2004: N/A FY 2005: N/A

(\$ in Millions)

| Cost: | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | To Complete | | Total | | |
|-------------------|-----------------|----|-----|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|-----|---------|----|-------------|----|-------|-----|-----|
| | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | |
| FY 2002 & PRIOR | | 0 | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| FY | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| FY 2003 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| FY 2004 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| FY 2005 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| FY 2006 EQUIPMENT | | | | | | | | | | | | | | | 6 | 0.3 | | | | | 6 | 0.3 | |
| FY 2007 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| FY 2008 EQUIPMENT | | | | | | | | | | | | | | | | | | | | 2 | 0.1 | 2 | 0.1 |
| FY 2009 EQUIPMENT | | | | | | | | | | | | | | | | | | | | 2 | 0.1 | 2 | 0.1 |
| TO COMPLETE | | | | | | | | | | | | | | | | | | | | 6 | 0.3 | 6 | 0.3 |

INSTALLATION SCHEDULE:

| | FY 2002 & Prior | FY 2003 | | | | FY 2004 | | | | FY 2005 | | | | FY 2006 | | | | FY 2007 | | | | FY 2008 | | | | FY 2009 | | | | IC | TOTAL |
|-----|-----------------|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|----|----|----|-------|
| | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | |
| In | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 16 | |
| Out | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 16 | | |

P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: AN/BLO-10 SSN ES Backfit Sys TYPE MODIFICATION: Shipalt MODIFICATION TITLE: GALE LITE (LONG TERM)
 ML017

DESCRIPTION/JUSTIFICATION:
 Provides forward-deployed SSNs with capability to access national SIGINT sensor data via direct downlink for enhanced situational awareness in littoral operations.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

| | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | IC | | TOTAL | | | |
|-------------------------------------|-----------------|----|-----|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|-----|---------|-----|-----|-----|-------|-----|-----|-----|
| | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | | |
| <u>FINANCIAL PLAN (IN MILLIONS)</u> | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>RDT&E</u> | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| <u>PROCUREMENT</u> | | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| INSTALLATION KITS - UNIT COST | | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 | |
| EQUIPMENT | | | | | | | | | | | | | | | 3 | 0.3 | 3 | 0.3 | 24 | 2.4 | | 30 | 3.0 | |
| EQUIPMENT NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 | |
| ENGINEERING CHANGE ORDERS | | | | | | | | | | | | | | | | | | | | | | | 0.0 | |
| DATA | | | | | | | | | | | | | | | | | | | | | | | 0.0 | |
| TRAINING EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| SUPPORT EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | 0.0 | |
| OTHER: CCM | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 | |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 | |
| INTERIM CONTRACTOR SUPPORT | | | | | | | | | | | | | | | | | | | | | | | 0.0 | |
| INSTALL COST | | | | | | | | | | | | | | | | | | | | | 30 | 1.3 | 30 | 1.3 |
| TOTAL PROCUREMENT | | | | | | | | | | | | | | | 3 | 0.3 | 3 | 0.3 | 24 | 2.4 | | 30 | 3.0 | |

P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: AN/BLQ-10 SSN ES Backfit Sys TYPE MODIFICATION: Shipalt ML017
 MODIFICATION TITLE: SIGINT Carry-on Equip Racks

DESCRIPTION/JUSTIFICATION:
 Provides permanent infrastructure (racks, wiring harnesses, cooling capacity) for SSN SIGINT special operations carry-on equipment. Enables efficient carry-on equipment installation/de-installation associated with deployment, resulting in significant cost savings and less wear/tear on ship & crew.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: _____

| | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | IC | | TOTAL | | |
|-------------------------------------|-----------------|----|-----|----|---------|----|---------|-----|---------|-----|---------|----|---------|----|---------|----|---------|----|-----|----|-------|----|-----|
| | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | |
| <u>FINANCIAL PLAN (IN MILLIONS)</u> | | | | | | | | | | | | | | | | | | | | | | | |
| <u>RD&E</u> | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| <u>PROCUREMENT</u> | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| INSTALLATION KITS - UNIT COST | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| EQUIPMENT | | | | | | | 8 | 2.0 | | | | | | | | | | | | | | 8 | 2.0 |
| EQUIPMENT NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| ENGINEERING CHANGE ORDERS | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| DATA | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| TRAINING EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| SUPPORT EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER: CCM | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INTERIM CONTRACTOR SUPPORT | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INSTALL COST | | | | | | | | | 8 | 0.8 | | | | | | | | | | | 0.0 | 8 | 0.8 |
| TOTAL PROCUREMENT | | | | | | | 8 | 2.0 | | | | | | | | | | | | | 0 | 8 | 2.0 |

| P3A (Continued) | | INDIVIDUAL MODIFICATION (Continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|--|---------|----|---------|----|---------|----|---------|-----|---------|----|---------|----|---------|----|---------|----|-------------|----|-------|---------------------|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| MODELS OF SYSTEMS AFFECTED: <u>AN/BLQ-10 SSN ES Backfit Sys. ML017</u> | | MODIFICATION TITLE: <u>SIGINT Carry-on Equip Racks</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION INFORMATION: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| METHOD OF IMPLEMENTATION: <u>AITs</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADMINISTRATIVE LEADTIME: <u>6 Months</u> | | PRODUCTION LEADTIME: <u>12 Months</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONTRACT DATES: FY 2002: <u>N/A</u> | | FY 2003: <u>N/A</u> | | | | | | | | | | | | | | | | | | | | FY 2004: <u>N/A</u> | | | | | | | | | | | | | | | | | | | | FY 2005: <u>Apr-05</u> | | | | | | | | | | | | | | | | | | | |
| DELIVERY DATE: FY 2002: <u>N/A</u> | | FY 2003: <u>N/A</u> | | | | | | | | | | | | | | | | | | | | FY 2004: <u>N/A</u> | | | | | | | | | | | | | | | | | | | | FY 2005: <u>Apr-06</u> | | | | | | | | | | | | | | | | | | | |
| (\$ in Millions) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cost: | FY 2002 & Prior | | FY 2002 | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | To Complete | | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY 2002 & PRIOR | | 0 | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY | | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY 2003 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY 2004 EQUIPMENT | | | | | | | | | 8 | 0.8 | | | | | | | | | | | | | 8 | 0.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY 2005 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY 2006 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY 2007 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY 2008 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY 2009 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TO COMPLETE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| INSTALLATION SCHEDULE: | | FY 2002 & Prior | | | | FY 2003 | | | | FY 2004 | | | | FY 2005 | | | | FY 2006 | | | | FY 2007 | | | | FY 2008 | | | | FY 2009 | | | | IC | TOTAL |
|------------------------|---|-----------------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|----|-------|
| | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | |
| In | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| Out | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |

| | | <u>FY 2002 & Prior</u> | | <u>FY</u> | | <u>FY 2003</u> | | <u>FY 2004</u> | | <u>FY 2005</u> | | <u>FY 2006</u> | | <u>FY 2007</u> | | <u>FY 2008</u> | | <u>FY 2009</u> | | <u>IC</u> | | <u>TOTAL</u> | |
|--|--|-------------------------------------|----|-----------|----|----------------|----|----------------|----|----------------|----|--------------------|----|---|----|----------------|----|----------------|----|-----------|----|--------------|----|
| | | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ |
| P3A INDIVIDUAL MODIFICATION | | | | | | | | | | | | | | | | | | | | | | | |
| MODELS OF SYSTEM AFFECTED: | | <u>AN/BLQ-10 SSN ES Backfit Sys</u> | | | | | | | | | | TYPE MODIFICATION: | | <u>Shipalt</u> | | | | | | | | | |
| | | <u>ML017</u> | | | | | | | | | | | | MODIFICATION TITLE: <u>Information Assurance (IA)/Solaris</u> | | | | | | | | | |
| DESCRIPTION/JUSTIFICATION: | | | | | | | | | | | | | | | | | | | | | | | |
| Enables SSN to coordinate with other friendly SIGINT intercept systems to accurately determine geolocation of threat emitters. | | | | | | | | | | | | | | | | | | | | | | | |
| DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: | | | | | | | | | | | | | | | | | | | | | | | |
| <u>FINANCIAL PLAN (IN MILLIONS)</u> | | | | | | | | | | | | | | | | | | | | | | | |
| <u>RDT&E</u> | | | | | | | | | | | | | | | | | | | | | | | |
| <u>PROCUREMENT</u> | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS - UNIT COST | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | |
| EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | |
| EQUIPMENT NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | |
| ENGINEERING CHANGE ORDERS | | | | | | | | | | | | | | | | | | | | | | | |
| DATA | | | | | | | | | | | | | | | | | | | | | | | |
| TRAINING EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | |
| SUPPORT EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER: CCM | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | |
| INTERIM CONTRACTOR SUPPORT | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALL COST | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL PROCUREMENT | | | | | | | | | | | | | | | | | | | | | | | |

P3A (Continued) **INDIVIDUAL MODIFICATION (Continued)**

MODELS OF SYSTEMS AFFECTED: AN/BLQ-10 SSN ES Backfit Sys MODIFICATION TITLE: Information Assurance (IA)/Solaris
 ML017

INSTALLATION INFORMATION:
 METHOD OF IMPLEMENTATION: AITs
 ADMINISTRATIVE LEADTIME: 6 Months PRODUCTION LEADTIME: 18 Months
 CONTRACT DATES: FY 2002: N/A FY 2003: N/A FY 2004: N/A FY 2005: N/A
 DELIVERY DATE: FY 2002: N/A FY 2003: N/A FY 2004: N/A FY 2005: N/A

(\$ in Millions)

| Cost: | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | To Complete | | Total | | |
|-------------------|-----------------|----|-----|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|-----|---------|----|-------------|----|-------|-----|-----|
| | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | |
| FY 2002 & PRIOR | | 0 | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| FY | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| FY 2003 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| FY 2004 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| FY 2005 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| FY 2006 EQUIPMENT | | | | | | | | | | | | | | | 6 | 0.3 | | | | | 6 | 0.3 | |
| FY 2007 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |
| FY 2008 EQUIPMENT | | | | | | | | | | | | | | | | | | | | 4 | 0.5 | 4 | 0.5 |
| FY 2009 EQUIPMENT | | | | | | | | | | | | | | | | | | | | 6 | 0.8 | 6 | 0.8 |
| TO COMPLETE | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 | |

INSTALLATION SCHEDULE:

| | FY 2002 & Prior | FY 2003 | | | | FY 2004 | | | | FY 2005 | | | | FY 2006 | | | | FY 2007 | | | | FY 2008 | | | | FY 2009 | | | | IC | TOTAL |
|-----|-----------------|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|----|-------|
| | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | |
| In | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 10 | 16 |
| Out | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 16 |

P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: AN/WLR-1H(V)7 TYPE MODIFICATION: _____ MODIFICATION TITLE: AN/WLR-1H(V)7 MOD KITS ML027/ML028

DESCRIPTION/JUSTIFICATION:

For FY-02 thru FY05 funding is for the procurement of modifications kits. These modification kits are required to replace obsolete and high maintenance components to extend the life cycle of the system until installation of AIEWS Increment 1 aboard CV/CVNs (N78) and to replace existing systems on WHEC Class Cutters (N76). Requirement includes the procurement of COTS/NDI equipment and the installation and support of the upgraded equipment.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: _____

| | FY2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | TC | | TOTAL | | |
|-------------------------------------|----------------|-----|-----|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|-----|----|-------|-----|-----|
| | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | |
| <u>FINANCIAL PLAN (IN MILLIONS)</u> | | | | | | | | | | | | | | | | | | | | | | | |
| <u>RDT&E</u> | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| <u>PROCUREMENT</u> | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| INSTALLATION KITS - UNIT COST | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| EQUIPMENT | 10 | 5.4 | | | 3 | 1.4 | 3 | 1.1 | | | | | | | | | | | | | | 16 | 7.9 |
| EQUIPMENT NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| ENGINEERING CHANGE ORDERS | | | | | | | | | | 0.1 | 0.1 | | 0.1 | | 0.1 | | 0.1 | | | | | 0.5 | |
| DATA | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| TRAINING EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| SUPPORT EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER: | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INTERIM CONTRACTOR SUPPORT | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INSTALL COST | 10 | 1.7 | 0 | 0.0 | 3 | 0.5 | 3 | 0.5 | | | | | | | | | | | | | | 16 | 2.6 |
| TOTAL PROCUREMENT | 10 | 5.4 | 0 | 0.0 | 3 | 1.4 | 3 | 1.1 | 0 | 0.1 | 0 | 0.1 | 0 | 0.1 | 0 | 0.1 | 0 | 0.1 | 0 | 0 | | 16 | 8.4 |

| P3A INDIVIDUAL MODIFICATION | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------------|----|-----------|----|-----------------------------------|----|----------------|----|---|----|----------------|----|----------------|----|----------------|----|----------------|----|-----------|----|--------------|----|
| MODELS OF SYSTEM AFFECTED: | | <u>AN/BQS-15</u> | | | | TYPE MODIFICATION: <u>Shipalt</u> | | | | MODIFICATION TITLE: <u>Remote Ahead Profiling Upgrade</u> | | | | | | | | | | | | | |
| | | ML025 | | | | | | | | ML025 | | | | | | | | | | | | | |
| DESCRIPTION/JUSTIFICATION: | | | | | | | | | | | | | | | | | | | | | | | |
| Provides enhanced display features for mine detection for SSN 688 Class Submarines. | | | | | | | | | | | | | | | | | | | | | | | |
| DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: | | | | | | | | | | | | | | | | | | | | | | | |
| | | <u>FY 2002 & Prior</u> | | <u>FY</u> | | <u>FY 2003</u> | | <u>FY 2004</u> | | <u>FY 2005</u> | | <u>FY 2006</u> | | <u>FY 2007</u> | | <u>FY 2008</u> | | <u>FY 2009</u> | | <u>IC</u> | | <u>TOTAL</u> | |
| | | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ |
| <u>FINANCIAL PLAN (IN MILLIONS)</u> | | | | | | | | | | | | | | | | | | | | | | | |
| <u>RDT&E</u> | | | | | | | | | | | | | | | | | | | | | | | |
| <u>PROCUREMENT</u> | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS - UNIT COST | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | |
| EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | |
| EQUIPMENT NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | |
| ENGINEERING CHANGE ORDERS | | | | | | | | | | | | | | | | | | | | | | | |
| DATA | | | | | | | | | | | | | | | | | | | | | | | |
| TRAINING EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | |
| SUPPORT EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER: CCM | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | |
| INTERIM CONTRACTOR SUPPORT | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALL COST | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL PROCUREMENT | | | | | | | | | | | | | | | | | | | | | | | |

P3A (Continued) **INDIVIDUAL MODIFICATION (Continued)**

MODELS OF SYSTEMS AFFECTED: AN/BQS-15 MODIFICATION TITLE: Remote Ahead Profiling Upgrade/ML025
ML025

INSTALLATION INFORMATION:
 METHOD OF IMPLEMENTATION: AITs
 ADMINISTRATIVE LEADTIME: 1 Month PRODUCTION LEADTIME: 5 Months
 CONTRACT DATES: FY 2002: N/A FY 2003: N/A FY 2004: N/A FY 2005: N/A
 DELIVERY DATE: FY 2002: N/A FY 2003: N/A FY 2004: N/A FY 2005: N/A

(\$ in Millions)

| Cost: | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | To Complete | | Total | | |
|-------------------|-----------------|-----|-----|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|-------------|----|-------|-----|-----|
| | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | |
| FY 2002 & PRIOR | 8 | 0.6 | | | | | | | | | | | | | | | | | | | 8 | 0.6 | |
| FY | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2003 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2004 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2005 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2006 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2007 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2008 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2009 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| TO COMPLETE | | | | | | | | | | | | | | | | | | | | | | | |

INSTALLATION SCHEDULE:

| | FY 2002 & Prior | FY 2003 | | | | FY 2004 | | | | FY 2005 | | | | FY 2006 | | | | FY 2007 | | | | FY 2008 | | | | FY 2009 | | | | IC | TOTAL |
|-----|--------------------|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|----|-------|
| | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | |
| In | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| Out | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |

P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: AN/BQS-15 TYPE MODIFICATION: Shipalt MODIFICATION TITLE: BOTTOM MAPPING
 ML025 ML025

DESCRIPTION/JUSTIFICATION:
 Provides ship capability to map littoral areas.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

| | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | TC | | TOTAL | | |
|-------------------------------------|-----------------|-----|-----|-----|---------|-----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|-----|----|-------|----|-----|
| | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | |
| <u>FINANCIAL PLAN (IN MILLIONS)</u> | | | | | | | | | | | | | | | | | | | | | | | |
| <u>RDT&E</u> | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| <u>PROCUREMENT</u> | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| INSTALLATION KITS - UNIT COST | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| EQUIPMENT | 9 | 3.2 | | | 5 | 1.4 | | | | | | | | | | | | | | | | 14 | 4.6 |
| EQUIPMENT NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| ENGINEERING CHANGE ORDERS | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| DATA | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| TRAINING EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| SUPPORT EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER: CCM | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INTERIM CONTRACTOR SUPPORT | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INSTALL COST | 9 | 0.2 | | | 5 | 0.2 | | | | | | | | | | | | | | | 0.0 | 14 | 0.5 |
| TOTAL PROCUREMENT | 9 | 3.2 | 0 | 0.0 | 5 | 1.4 | | | | | | | | | | | | | | | 0 | 14 | 4.6 |

| P3A INDIVIDUAL MODIFICATION | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------------|----|-----------|----|-----------------------------------|----|----------------|----|---|----|----------------|----|----------------|----|----------------|----|----------------|----|-----------|----|--------------|----|
| MODELS OF SYSTEM AFFECTED: | | <u>AN/BQN-17 UPGRADE</u> | | | | TYPE MODIFICATION: <u>Shipalt</u> | | | | MODIFICATION TITLE: <u>BQN-17 UPGRADE</u> | | | | | | | | | | | | | |
| | | ML025 | | | | | | | | ML025 | | | | | | | | | | | | | |
| DESCRIPTION/JUSTIFICATION: | | | | | | | | | | | | | | | | | | | | | | | |
| This is a COTS Upgrade. | | | | | | | | | | | | | | | | | | | | | | | |
| DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: | | | | | | | | | | | | | | | | | | | | | | | |
| | | <u>FY 2002 & Prior</u> | | <u>FY</u> | | <u>FY 2003</u> | | <u>FY 2004</u> | | <u>FY 2005</u> | | <u>FY 2006</u> | | <u>FY 2007</u> | | <u>FY 2008</u> | | <u>FY 2009</u> | | <u>TC</u> | | <u>TOTAL</u> | |
| | | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ |
| <u>FINANCIAL PLAN (IN MILLIONS)</u> | | | | | | | | | | | | | | | | | | | | | | | |
| <u>RDT&E</u> | | | | | | | | | | | | | | | | | | | | | | | |
| <u>PROCUREMENT</u> | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS - UNIT COST | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | |
| EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | |
| EQUIPMENT NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | |
| ENGINEERING CHANGE ORDERS | | | | | | | | | | | | | | | | | | | | | | | |
| DATA | | | | | | | | | | | | | | | | | | | | | | | |
| TRAINING EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | |
| SUPPORT EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER: CCM | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | |
| INTERIM CONTRACTOR SUPPORT | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALL COST | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL PROCUREMENT | | | | | | | | | | | | | | | | | | | | | | | |

P3A (Continued) **INDIVIDUAL MODIFICATION (Continued)**

MODELS OF SYSTEMS AFFECTED: AN/BQN-17 UPGRADE ML025 MODIFICATION TITLE: AN/BQN-17 UPGRADE/ML025

INSTALLATION INFORMATION:

METHOD OF IMPLEMENTATION: AITs
 ADMINISTRATIVE LEADTIME: 1 Month PRODUCTION LEADTIME: 5 Months
 CONTRACT DATES: FY 2002: Feb-02 FY 2003: Feb-03 FY 2004: N/A FY 2005: N/A
 DELIVERY DATE: FY 2002: Jul-02 FY 2003: Jul-03 FY 2004: N/A FY 2005: N/A

(\$ in Millions)

| Cost: | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | To Complete | | Total | |
|-------------------|-----------------|-----|-----|----|---------|-----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|-------------|----|-------|-----|
| | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ | Qty | \$ |
| FY 2002 & PRIOR | 11 | 0.4 | | | 10 | 0.2 | | | | | | | | | | | | | | | 21 | 0.6 |
| FY | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2003 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2004 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2005 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2006 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2007 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2008 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| FY 2009 EQUIPMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| TO COMPLETE | | | | | | | | | | | | | | | | | | | | | | |

INSTALLATION SCHEDULE:

| | FY 2002 & Prior | FY 2003 | | | | FY 2004 | | | | FY 2005 | | | | FY 2006 | | | | FY 2007 | | | | FY 2008 | | | | FY 2009 | | | | IC | TOTAL |
|-----|-----------------|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|----|-------|
| | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | |
| In | 11 | 3 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| Out | 11 | 3 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |

P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: AN/UNQ-9 IDARS Replacemen TYPE MODIFICATION: Shipalt MODIFICATION TITLE: AN/UNQ-9 IDARS Replacement
 ML025 ML025

DESCRIPTION/JUSTIFICATION:
 IDARS is a COTS Recorder. This change will provide a common recorder across the entire SSN 688 Class Submarines.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

| | FY 2002 & Prior | | FY | | FY 2003 | | FY 2004 | | FY 2005 | | FY 2006 | | FY 2007 | | FY 2008 | | FY 2009 | | IC | | TOTAL | | |
|-------------------------------------|-----------------|-----|-----|----|---------|-----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|-----|----|-------|----|-----|
| | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | QTY | \$ | |
| <u>FINANCIAL PLAN (IN MILLIONS)</u> | | | | | | | | | | | | | | | | | | | | | | | |
| <u>RD&E</u> | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| <u>PROCUREMENT</u> | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| INSTALLATION KITS - UNIT COST | | | | | | | | | | | | | | | | | | | | | | | |
| INSTALLATION KITS NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| EQUIPMENT NONRECURRING | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| ENGINEERING CHANGE ORDERS | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| DATA | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| TRAINING EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| SUPPORT EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| OTHER: CCM | | | | | | | | | | | | | | | | | | | | | | 0 | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| OTHER | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INTERIM CONTRACTOR SUPPORT | | | | | | | | | | | | | | | | | | | | | | | 0.0 |
| INSTALL COST | 39 | 1.0 | | | 6 | 0.1 | | | | | | | | | | | | | | | 0.0 | 45 | 1.1 |
| TOTAL PROCUREMENT | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0.0 |

