

## UNCLASSIFIED

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| <b>Exhibit P-40, Budget Line Item Justification:</b> PB 2024 Navy                                                                                           |                    |                |                |                                               |                    |                      |                                                                                   |                                            |                | <b>Date:</b> March 2023 |                    |                   |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>1507N: Weapons Procurement, Navy / BA 02: Other Missiles / BSA 3: Modification of Missiles |                    |                |                |                                               |                    |                      | <b>P-1 Line Item Number / Title:</b><br>2307 / Evolved Sea Sparrow Missile (ESSM) |                                            |                |                         |                    |                   |
| <b>ID Code</b> (A=Service Ready, B=Not Service Ready): A                                                                                                    |                    |                |                | <b>Program Elements for Code B Items:</b> N/A |                    |                      |                                                                                   | <b>Other Related Program Elements:</b> N/A |                |                         |                    |                   |
| <b>Line Item MDAP/MAIS Code:</b> 197                                                                                                                        |                    |                |                |                                               |                    |                      |                                                                                   |                                            |                |                         |                    |                   |
| <b>Resource Summary</b>                                                                                                                                     | <b>Prior Years</b> | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024 Base</b>                           | <b>FY 2024 OCO</b> | <b>FY 2024 Total</b> | <b>FY 2025</b>                                                                    | <b>FY 2026</b>                             | <b>FY 2027</b> | <b>FY 2028</b>          | <b>To Complete</b> | <b>Total</b>      |
| Procurement Quantity ( <i>Units in Each</i> )                                                                                                               | 1,175              | 108            | 136            | 147                                           | -                  | 147                  | 291                                                                               | 280                                        | 304            | 311                     | Continuing         | Continuing        |
| Gross/Weapon System Cost ( <i>\$ in Millions</i> )                                                                                                          | 1,799.128          | 239.309        | 276.335        | 290.129                                       | 0.000              | 290.129              | 522.391                                                                           | 513.145                                    | 548.752        | 561.593                 | Continuing         | Continuing        |
| Less PY Advance Procurement ( <i>\$ in Millions</i> )                                                                                                       | -                  | -              | -              | -                                             | -                  | -                    | -                                                                                 | -                                          | -              | -                       | -                  | -                 |
| Net Procurement (P-1) ( <i>\$ in Millions</i> )                                                                                                             | 1,799.128          | 239.309        | 276.335        | 290.129                                       | 0.000              | 290.129              | 522.391                                                                           | 513.145                                    | 548.752        | 561.593                 | Continuing         | Continuing        |
| Plus CY Advance Procurement ( <i>\$ in Millions</i> )                                                                                                       | -                  | -              | -              | -                                             | -                  | -                    | -                                                                                 | -                                          | -              | -                       | -                  | -                 |
| <b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )                                                                                                 | <b>1,799.128</b>   | <b>239.309</b> | <b>276.335</b> | <b>290.129</b>                                | <b>0.000</b>       | <b>290.129</b>       | <b>522.391</b>                                                                    | <b>513.145</b>                             | <b>548.752</b> | <b>561.593</b>          | <b>Continuing</b>  | <b>Continuing</b> |
| <i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>               |                    |                |                |                                               |                    |                      |                                                                                   |                                            |                |                         |                    |                   |
| Initial Spares ( <i>\$ in Millions</i> )                                                                                                                    | -                  | -              | -              | -                                             | -                  | -                    | -                                                                                 | -                                          | -              | -                       | -                  | -                 |
| Flyaway Unit Cost ( <i>\$ in Dollars</i> )                                                                                                                  | 0.00               | 0.00           | 0.00           | 0.00                                          | -                  | 0.00                 | 0.00                                                                              | 0.00                                       | 0.00           | 0.00                    | -                  | -                 |
| Gross/Weapon System Unit Cost ( <i>\$ in Dollars</i> )                                                                                                      | 1,531K             | 2,216K         | 2,032K         | 1,974K                                        | -                  | 1,974K               | 1,795K                                                                            | 1,833K                                     | 1,805K         | 1,806K                  | Continuing         | Continuing        |

**Description:**

The Evolved SEASPARROW Missile (ESSM) Program is an international cooperative effort among twelve NATO SEASPARROW nations (Australia, Belgium, Canada, Denmark, Germany, Greece, Netherlands, Norway, Portugal, Spain, Turkey, and the U.S.) established to design, develop, test, produce and provide in-service support to a new and improved version of the SPARROW missile (RIM-7P) with the kinematic performance to defeat current and projected threats that possess low altitude, high velocity, and maneuvering characteristics beyond the engagement capabilities of the RIM-7P. ESSM consists of Blk 1 and Blk 2 missiles.

ESSM Blk 2 provides crucial defense battlespace and fire power against the fast, low altitude, highly maneuverable Anti-Ship Cruise Missile (ASCM) threat. ESSM Blk 2 upgrade replaces the largely obsolete guidance section with a dual mode Active/Semi-Active X-Band seeker capable of defeating future threat capabilities within the existing envelope, including: smaller signatures, increased raid sizes, and adverse environments including countermeasures. Threat types include: advanced ASCMs, Anti-Ship Ballistic Missiles, surface, and asymmetrical. Developmental and Operational Testing were conducted throughout 2020 and into 2021 from AEGIS destroyers and the Self Defense Test Ship. Production deliveries began in 2021 with Full Rate Production rounds delivering to the Fleet in 2025. IOC was successfully completed in December 2021. Full Operational Capability with Optimized implementation for AEGIS to make full use of capability resident in the missile, and a Functional implementation for SSDS platforms is scheduled for 2025.

Production Support (Producibility/Procurement, Security Infrastructure, Hardware Maintenance, and Configuration Management) for ESSM Blk 2 reflects the U.S. Share under the cooperative Memorandum of Understanding (MOU) with Consortium Partners. The US is responsible for approximately 45% of the missile production support under this approved MOU. While there is not a one-to-one relationship between yearly missile quantities and the amount of production support necessary for Blk2, an increase in missile quantity will drive some increase in production support.

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| <b>Exhibit P-40, Budget Line Item Justification:</b> PB 2024 Navy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        |             |                                               |                |                                       |                                                                                   |                                       | <b>Date:</b> March 2023               |                                       |                                       |
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| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>1507N: Weapons Procurement, Navy / BA 02: Other Missiles / BSA 3: Modification of Missiles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                        |             |                                               |                |                                       | <b>P-1 Line Item Number / Title:</b><br>2307 / Evolved Sea Sparrow Missile (ESSM) |                                       |                                       |                                       |                                       |
| <b>ID Code</b> (A=Service Ready, B=Not Service Ready): A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                        |             | <b>Program Elements for Code B Items:</b> N/A |                |                                       | <b>Other Related Program Elements:</b> N/A                                        |                                       |                                       |                                       |                                       |
| <b>Line Item MDAP/MAIS Code:</b> 197                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                        |             |                                               |                |                                       |                                                                                   |                                       |                                       |                                       |                                       |
| Exhibits Schedule                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        |             |                                               |                | Prior Years                           | FY 2022                                                                           | FY 2023                               | FY 2024 Base                          | FY 2024 OCO                           | FY 2024 Total                         |
| Exhibit Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Title*                                 | Subexhibits | ID CD                                         | MDAP/MAIS Code | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M)                                             | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) |
| P-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 / Evolved Sea Sparrow Missile (ESSM) | P-5a, P-21  |                                               |                | 1,175 / 1,799.128                     | 108 / 239.309                                                                     | 136 / 276.335                         | 147 / 290.129                         | - / 0.000                             | 147 / 290.129                         |
| <b>P-40</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Total Gross/Weapon System Cost</b>  |             |                                               |                | <b>1,175 / 1,799.128</b>              | <b>108 / 239.309</b>                                                              | <b>136 / 276.335</b>                  | <b>147 / 290.129</b>                  | <b>- / 0.000</b>                      | <b>147 / 290.129</b>                  |
| *Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                        |             |                                               |                |                                       |                                                                                   |                                       |                                       |                                       |                                       |
| Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |             |                                               |                |                                       |                                                                                   |                                       |                                       |                                       |                                       |
| <p><b>Justification:</b></p> <p>Increase in overall FY 2024 funding from FY 2023 is due to an increase in the procurement of ESSM Blk2 AURs. Increase or Decrease in the quantity of missiles does not always mean an increase or decrease in the total amount of overall missiles due to the Consortium quantities. FY 2023 AUR unit costs are based on current Government Cost Estimates.</p> <p>FY 2024 funding increase in MK852 Mod 0 Shipping containers is due to an increase in quantity. MK852 Mod 0 Shipping containers go to Ship Self Defense System (SSDS) to be loaded.</p> <p>FY 2024 funding decrease in MK 25 MOD 1 Canisters due to a decrease in the procurement quantity from 34 in FY 2023 to 33 in FY 2024 to accommodate missile procurement and specific ship destination. Unit prices in FY 2024 and out are estimates based upon the current contract. Negotiated unit costs will be updated upon contract award.</p> <p>Increase in FY 2024 Missile Obsolescence funding (\$1.602M) will be going towards designing out obsolete parts associated with the following: 1.) Side-Looking-Subsystem (SLS) Signal Processor (SP) Circuit Card Assembly (CCA), 2.)Form-Fit-Function (F3R) re-spins of the Dual Band Transceiver (DBT) Frequency Reference Unit (FRU), and 3.) F3R re-spins of the FRU Oscillator, Frequency Generator, and Radio Frequency (RF).</p> <p>Test Equipment (\$3.955M) is being used to procure a Missile Simulator Unit (MSU). The Missile Simulator Unit provides portable test equipment which can be transported to support land based and waterfront integration test events. This set is required for procurement in FY 2024 to support ESSM Block 2 integration to begin in FY 2025 on new US Navy platforms such as FFG, as well as new AEGIS and SSDS Baseline development.</p> <p>Increase in production support from FY 2023 to FY 2024 reflects the US share of the ESSM Blk 2 Production Memorandum of Understanding (MOU) estimate for FY 2024. The estimated amounts (phasing for the Production MOU) are based on the updated life-cycle cost estimate completed during MS C (March 2019). FY 2024 Production Support details are below:</p> <ol style="list-style-type: none"> <li>1.) Producibility/Procurement Support (\$13.375M): Government technical oversight on production and redesign engineering, reviews and approval of technical changes to the technical data packages and production drawings, and calibration/certification to test equipment used to support production. Support to keep the missile producible throughout the life of production and support to maintain producibility of the production line. Provide ordnance to the fleet to support the ordnance assessment (OA) program and evaluate the effects of aging energetics to continue safe use of the components through management of their service life.</li> <li>2.) Security and Infrastructure Support (\$10.141M): Costs required for the shared (across multiple DOD missiles) production facility in Tucson, AZ.</li> <li>3.) Configuration Management (\$0.650M): Support for the system performance per the Navy weapon specifications.</li> <li>4.) Hardware/Maintenance Support (\$2.600M): Support for test equipment in the production line.</li> </ol> <p>FY 2024 support increases from FY 2023 above inflation to support prerequisite activities to meet production capacity ramp up to achieve required production quantities in FY 2025 and beyond.</p> |                                        |             |                                               |                |                                       |                                                                                   |                                       |                                       |                                       |                                       |

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| Exhibit P-5, Cost Analysis: PB 2024 Navy                                                                                               |                   |               |                      |                   |               |                                                                            |                   |               |                      |                   |               | Date: March 2023                                                       |                   |               |                      |                   |               |                      |
| Appropriation / Budget Activity / Budget Sub Activity:<br>1507N / 02 / 3                                                               |                   |               |                      |                   |               | P-1 Line Item Number / Title:<br>2307 / Evolved Sea Sparrow Missile (ESSM) |                   |               |                      |                   |               | Item Number / Title [DODIC]:<br>1 / Evolved Sea Sparrow Missile (ESSM) |                   |               |                      |                   |               |                      |
| ID Code (A=Service Ready, B=Not Service Ready) :                                                                                       |                   |               |                      |                   |               |                                                                            |                   |               |                      | MDAP/MAIS Code:   |               |                                                                        |                   |               |                      |                   |               |                      |
| Resource Summary                                                                                                                       |                   |               |                      | Prior Years       |               | FY 2022                                                                    |                   | FY 2023       |                      | FY 2024 Base      |               | FY 2024 OCO                                                            |                   | FY 2024 Total |                      |                   |               |                      |
| Procurement Quantity ( <i>Units in Each</i> )                                                                                          |                   |               |                      | 1,175             |               | 108                                                                        |                   | 136           |                      | 147               |               | -                                                                      |                   | 147           |                      |                   |               |                      |
| Gross/Weapon System Cost ( <i>\$ in Millions</i> )                                                                                     |                   |               |                      | 1,799.128         |               | 239.309                                                                    |                   | 276.335       |                      | 290.129           |               | 0.000                                                                  |                   | 290.129       |                      |                   |               |                      |
| Less PY Advance Procurement ( <i>\$ in Millions</i> )                                                                                  |                   |               |                      | -                 |               | -                                                                          |                   | -             |                      | -                 |               | -                                                                      |                   | -             |                      |                   |               |                      |
| Net Procurement (P-1) ( <i>\$ in Millions</i> )                                                                                        |                   |               |                      | 1,799.128         |               | 239.309                                                                    |                   | 276.335       |                      | 290.129           |               | 0.000                                                                  |                   | 290.129       |                      |                   |               |                      |
| Plus CY Advance Procurement ( <i>\$ in Millions</i> )                                                                                  |                   |               |                      | -                 |               | -                                                                          |                   | -             |                      | -                 |               | -                                                                      |                   | -             |                      |                   |               |                      |
| Total Obligation Authority ( <i>\$ in Millions</i> )                                                                                   |                   |               |                      | 1,799.128         |               | 239.309                                                                    |                   | 276.335       |                      | 290.129           |               | 0.000                                                                  |                   | 290.129       |                      |                   |               |                      |
| (The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.) |                   |               |                      |                   |               |                                                                            |                   |               |                      |                   |               |                                                                        |                   |               |                      |                   |               |                      |
| Initial Spares ( <i>\$ in Millions</i> )                                                                                               |                   |               |                      | -                 |               | -                                                                          |                   | -             |                      | -                 |               | -                                                                      |                   | -             |                      |                   |               |                      |
| Gross/Weapon System Unit Cost ( <i>\$ in Dollars</i> )                                                                                 |                   |               |                      | 1,531K            |               | 2,216K                                                                     |                   | 2,032K        |                      | 1,974K            |               | -                                                                      |                   | 1,974K        |                      |                   |               |                      |
| Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.                                         |                   |               |                      |                   |               |                                                                            |                   |               |                      |                   |               |                                                                        |                   |               |                      |                   |               |                      |
| Cost Elements                                                                                                                          | Prior Years       |               |                      | FY 2022           |               |                                                                            | FY 2023           |               |                      | FY 2024 Base      |               |                                                                        | FY 2024 OCO       |               |                      | FY 2024 Total     |               |                      |
|                                                                                                                                        | Unit Cost<br>(\$) | Qty<br>(Each) | Total Cost<br>(\$ M) | Unit Cost<br>(\$) | Qty<br>(Each) | Total Cost<br>(\$ M)                                                       | Unit Cost<br>(\$) | Qty<br>(Each) | Total Cost<br>(\$ M) | Unit Cost<br>(\$) | Qty<br>(Each) | Total Cost<br>(\$ M)                                                   | Unit Cost<br>(\$) | Qty<br>(Each) | Total Cost<br>(\$ M) | Unit Cost<br>(\$) | Qty<br>(Each) | Total Cost<br>(\$ M) |
| Hardware - ESSM MISSILES Cost                                                                                                          |                   |               |                      |                   |               |                                                                            |                   |               |                      |                   |               |                                                                        |                   |               |                      |                   |               |                      |
| Recurring Cost                                                                                                                         |                   |               |                      |                   |               |                                                                            |                   |               |                      |                   |               |                                                                        |                   |               |                      |                   |               |                      |
| 1.1.1) MK 41 AEGIS ALL UP ROUND MISSILE HARDWARE <sup>(1)</sup>                                                                        | 876,463.10        | 542           | 475.043              | -                 | -             | -                                                                          | -                 | -             | -                    | -                 | -             | -                                                                      | -                 | -             | -                    | -                 | -             | -                    |
| 1.1.2) MK 29 ALL UP ROUNDS MISSILE HARDWARE <sup>(1)</sup>                                                                             | 817,624.73        | 461           | 376.925              | -                 | -             | -                                                                          | -                 | -             | -                    | -                 | -             | -                                                                      | -                 | -             | -                    | -                 | -             | -                    |
| 1.1.3) MK 57 ALLUP ROUNDS MISSILE HARDWARE <sup>(1)</sup>                                                                              | 1,215K            | 30            | 36.455               | -                 | -             | -                                                                          | -                 | -             | -                    | -                 | -             | -                                                                      | -                 | -             | -                    | -                 | -             | -                    |
| 1.1.4) MK 41 X-BAND ALL UP ROUNDS MISSILE HARDWARE                                                                                     | 858,500.00        | 20            | 17.170               | -                 | -             | -                                                                          | -                 | -             | -                    | -                 | -             | -                                                                      | -                 | -             | -                    | -                 | -             | -                    |
| 1.1.5) ESSM BLOCK 2 <sup>(1)</sup> (1)                                                                                                 | 1,663K            | 236           | 392.412              | 1,573K            | 108           | 169.916                                                                    | 1,541K            | 136           | 209.537              | 1,527K            | 147           | 224.525                                                                | -                 | -             | -                    | 1,527K            | 147           | 224.525              |
| 1.1.6) WARHEAD COMPATIBLE TELEMETER                                                                                                    | 70,647.54         | 244           | 17.238               | -                 | -             | -                                                                          | -                 | -             | -                    | -                 | -             | -                                                                      | -                 | -             | -                    | -                 | -             | -                    |
| 1.1.7) Missile Obsolescence <sup>(2)</sup>                                                                                             | -                 | -             | 4.174                | -                 | -             | 0.512                                                                      | -                 | -             | 10.604               | -                 | -             | 12.206                                                                 | -                 | -             | -                    | -                 | -             | 12.206               |
| Subtotal: Recurring Cost                                                                                                               | -                 | -             | 1,319.417            | -                 | -             | 170.428                                                                    | -                 | -             | 220.141              | -                 | -             | 236.731                                                                | -                 | -             | -                    | -                 | -             | 236.731              |
| Subtotal: Hardware - ESSM MISSILES Cost                                                                                                | -                 | -             | 1,319.417            | -                 | -             | 170.428                                                                    | -                 | -             | 220.141              | -                 | -             | 236.731                                                                | -                 | -             | -                    | -                 | -             | 236.731              |
| Hardware - MK25 QUADPACK CANISTERS Cost                                                                                                |                   |               |                      |                   |               |                                                                            |                   |               |                      |                   |               |                                                                        |                   |               |                      |                   |               |                      |

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| Exhibit P-5, Cost Analysis: PB 2024 Navy                                                       |                |            |                   |                |            |                   |                                                                            |            |                   |                 |            |                   | Date: March 2023                                                       |            |                   |                |            |                   |
|------------------------------------------------------------------------------------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------------------------------------------------------------------|------------|-------------------|-----------------|------------|-------------------|------------------------------------------------------------------------|------------|-------------------|----------------|------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity:<br>1507N / 02 / 3                       |                |            |                   |                |            |                   | P-1 Line Item Number / Title:<br>2307 / Evolved Sea Sparrow Missile (ESSM) |            |                   |                 |            |                   | Item Number / Title [DODIC]:<br>1 / Evolved Sea Sparrow Missile (ESSM) |            |                   |                |            |                   |
| ID Code (A=Service Ready, B=Not Service Ready) :                                               |                |            |                   |                |            |                   |                                                                            |            |                   | MDAP/MAIS Code: |            |                   |                                                                        |            |                   |                |            |                   |
| Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding. |                |            |                   |                |            |                   |                                                                            |            |                   |                 |            |                   |                                                                        |            |                   |                |            |                   |
| Cost Elements                                                                                  | Prior Years    |            |                   | FY 2022        |            |                   | FY 2023                                                                    |            |                   | FY 2024 Base    |            |                   | FY 2024 OCO                                                            |            |                   | FY 2024 Total  |            |                   |
|                                                                                                | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$)                                                             | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$)  | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$)                                                         | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| Recurring Cost                                                                                 |                |            |                   |                |            |                   |                                                                            |            |                   |                 |            |                   |                                                                        |            |                   |                |            |                   |
| 2.1.1) MK 25 QUADPACK CANISTERS <sup>(†) (3)</sup>                                             | 391,253.46     | 217        | 84.902            | 616,083.00     | 17         | 10.473            | 634,525.00                                                                 | 34         | 21.574            | 647,216.00      | 33         | 21.358            | -                                                                      | -          | -                 | 647,216.00     | 33         | 21.358            |
| 2.1.2) MK25 MOD 1 MK8 Bolts                                                                    | -              | -          | 0.907             | -              | -          | 0.499             | -                                                                          | -          | 0.920             | -               | -          | 0.911             | -                                                                      | -          | -                 | -              | -          | 0.911             |
| 2.1.3) MK 852 Mod 0 (Blk2 Shipping) <sup>(†) (4)</sup>                                         | 45,976.19      | 42         | 1.931             | 25,007.00      | 31         | 0.775             | -                                                                          | -          | -                 | 25,507.00       | 16         | 0.408             | -                                                                      | -          | -                 | 25,507.00      | 16         | 0.408             |
| Subtotal: Recurring Cost                                                                       | -              | -          | 87.740            | -              | -          | 11.747            | -                                                                          | -          | 22.494            | -               | -          | 22.677            | -                                                                      | -          | -                 | -              | -          | 22.677            |
| Subtotal: Hardware - MK25 QUADPACK CANISTERS Cost                                              | -              | -          | 87.740            | -              | -          | 11.747            | -                                                                          | -          | 22.494            | -               | -          | 22.677            | -                                                                      | -          | -                 | -              | -          | 22.677            |
| Hardware - SHIPPING CONTAINERS Cost                                                            |                |            |                   |                |            |                   |                                                                            |            |                   |                 |            |                   |                                                                        |            |                   |                |            |                   |
| Recurring Cost                                                                                 |                |            |                   |                |            |                   |                                                                            |            |                   |                 |            |                   |                                                                        |            |                   |                |            |                   |
| 3.1.1) CMBRE Procurement <sup>(†) (5)</sup>                                                    | 154,150.00     | 20         | 3.083             | -              | -          | -                 | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 3.1.2) CMBRE Adaptors <sup>(†)</sup>                                                           | 91,800.00      | 20         | 1.836             | -              | -          | -                 | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 3.1.3) CMBRE SPARES <sup>(†)</sup>                                                             | 62,000.00      | 3          | 0.186             | -              | -          | -                 | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 3.1.4) CMBRE Power Supply <sup>(†)</sup>                                                       | 18,400.00      | 10         | 0.184             | 27,000.00      | 10         | 0.270             | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 3.1.5) CMBRE Cables <sup>(†)</sup>                                                             | 5,100.00       | 10         | 0.051             | 5,202.00       | 10         | 0.052             | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 3.1.6) MK 852 Mod 0 (BLK 2) Shipping Containers <sup>(†)</sup>                                 | 56,000.00      | 10         | 0.560             | -              | -          | -                 | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 3.1.7) ROCKET MOTORS (SEASPARROW)                                                              | -              | -          | 6.396             | -              | -          | -                 | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 3.1.8) Test Equipment <sup>(6)</sup>                                                           | -              | -          | -                 | -              | -          | 2.136             | -                                                                          | -          | 10.404            | -               | -          | 3.955             | -                                                                      | -          | -                 | -              | -          | 3.955             |
| 3.1.9) Production Capacity                                                                     | -              | -          | -                 | -              | -          | 35.991            | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 3.1.10) ESSM SHIPPING CONTAINERS <sup>(†)</sup>                                                | 9,092.08       | 467        | 4.246             | -              | -          | -                 | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| Subtotal: Recurring Cost                                                                       | -              | -          | 16.542            | -              | -          | 38.449            | -                                                                          | -          | 10.404            | -               | -          | 3.955             | -                                                                      | -          | -                 | -              | -          | 3.955             |

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| Exhibit P-5, Cost Analysis: PB 2024 Navy                                                       |                |            |                   |                |            |                   |                                                                            |            |                   |                 |            |                   | Date: March 2023                                                       |            |                   |                |            |                   |
|------------------------------------------------------------------------------------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------------------------------------------------------------------|------------|-------------------|-----------------|------------|-------------------|------------------------------------------------------------------------|------------|-------------------|----------------|------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity:<br>1507N / 02 / 3                       |                |            |                   |                |            |                   | P-1 Line Item Number / Title:<br>2307 / Evolved Sea Sparrow Missile (ESSM) |            |                   |                 |            |                   | Item Number / Title [DODIC]:<br>1 / Evolved Sea Sparrow Missile (ESSM) |            |                   |                |            |                   |
| ID Code (A=Service Ready, B=Not Service Ready) :                                               |                |            |                   |                |            |                   |                                                                            |            |                   | MDAP/MAIS Code: |            |                   |                                                                        |            |                   |                |            |                   |
| Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding. |                |            |                   |                |            |                   |                                                                            |            |                   |                 |            |                   |                                                                        |            |                   |                |            |                   |
| Cost Elements                                                                                  | Prior Years    |            |                   | FY 2022        |            |                   | FY 2023                                                                    |            |                   | FY 2024 Base    |            |                   | FY 2024 OCO                                                            |            |                   | FY 2024 Total  |            |                   |
|                                                                                                | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$)                                                             | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$)  | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$)                                                         | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| Subtotal: Hardware - SHIPPING CONTAINERS Cost                                                  | -              | -          | 16.542            | -              | -          | 38.449            | -                                                                          | -          | 10.404            | -               | -          | 3.955             | -                                                                      | -          | -                 | -              | -          | 3.955             |
| Support Cost                                                                                   |                |            |                   |                |            |                   |                                                                            |            |                   |                 |            |                   |                                                                        |            |                   |                |            |                   |
| 4.1) PROCUREMENT SUPPORT                                                                       | -              | -          | 268.796           | -              | -          | -                 | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 4.2) TOOLING AND TEST SUPPORT                                                                  | -              | -          | 42.734            | -              | -          | -                 | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 4.3) DIMINISHING MANUFACTURING SERVICES                                                        | -              | -          | 8.531             | -              | -          | -                 | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 4.4) PERFORMANCE CHARACTERIZATION                                                              | -              | -          | 29.924            | -              | -          | -                 | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 4.5) ILS/FLEET DOCUMENTATION                                                                   | -              | -          | 4.024             | -              | -          | -                 | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 4.6) PRODUCIBILITY/ PROCUREMENT SUPPORT <sup>(7)</sup>                                         | -              | -          | -                 | -              | -          | 9.230             | -                                                                          | -          | 11.545            | -               | -          | 13.375            | -                                                                      | -          | -                 | -              | -          | 13.375            |
| 4.7) COMPONENT IMPROVEMENT/ECPS                                                                | -              | -          | 12.150            | -              | -          | -                 | -                                                                          | -          | -                 | -               | -          | -                 | -                                                                      | -          | -                 | -              | -          | -                 |
| 4.8) SECURITY/ INFRASTRUCTURE SUPPORT <sup>(8)</sup>                                           | -              | -          | 7.020             | -              | -          | 7.160             | -                                                                          | -          | 8.899             | -               | -          | 10.141            | -                                                                      | -          | -                 | -              | -          | 10.141            |
| 4.9) CONFIGURATION MANAGEMENT <sup>(9)</sup>                                                   | -              | -          | 0.450             | -              | -          | 0.459             | -                                                                          | -          | 0.570             | -               | -          | 0.650             | -                                                                      | -          | -                 | -              | -          | 0.650             |
| 4.10) HARDWARE/ MAINTENANCE SUPPORT <sup>(10)</sup>                                            | -              | -          | 1.800             | -              | -          | 1.836             | -                                                                          | -          | 2.282             | -               | -          | 2.600             | -                                                                      | -          | -                 | -              | -          | 2.600             |
| Subtotal: Support Cost                                                                         | -              | -          | 375.429           | -              | -          | 18.685            | -                                                                          | -          | 23.296            | -               | -          | 26.766            | -                                                                      | -          | -                 | -              | -          | 26.766            |
| Gross/Weapon System Cost                                                                       | 1,531K         | 1,175      | 1,799.128         | 2,216K         | 108        | 239.309           | 2,032K                                                                     | 136        | 276.335           | 1,974K          | 147        | 290.129           | -                                                                      | -          | 0.000             | 1,974K         | 147        | 290.129           |

(t) indicates the presence of a P-5a

**Footnotes:**

(1) FY 2024 unit round costs are based on current Government estimates. FY 2024 negotiated unit cost will be based on finalized International and US quantities combined.

(2) FY 2024 Obsolescence funding will be going towards designing out obsolete parts associated with the following: 1.) Side-Looking-Subsystem (SLS) Signal Processor (SP) Circuit Card Assembly (CCA), 2.)Form-Fit-Function (F3R) re-spins of the Dual Band Transceiver (DBT) Frequency Reference Unit (FRU), and 3.)F3R re-spins of the FRU Oscillator, Frequency Generator, and Radio Frequency (RF).

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| <b>Exhibit P-5, Cost Analysis: PB 2024 Navy</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   | <b>Date:</b> March 2023                                                       |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>1507N / 02 / 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>P-1 Line Item Number / Title:</b><br>2307 / Evolved Sea Sparrow Missile (ESSM) | <b>Item Number / Title [DODIC]:</b><br>1 / Evolved Sea Sparrow Missile (ESSM) |
| <b>ID Code</b> (A=Service Ready, B=Not Service Ready) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                   | <b>MDAP/MAIS Code:</b>                                                        |
| <p><sup>(3)</sup> Canister procurement includes a mix of MK25s and MK852s. There are four (4) missiles per MK25 Quadpack Canister. Unit prices were updated in FY 2022 &amp; FY 2023 based upon the fully negotiated contract with options in FY 2022 &amp; FY 2023. Unit prices in FY 2024 and out are estimates based upon the current contract.</p> <p><sup>(4)</sup> Canister procurement includes a mix of MK25s and MK852s. There is one (1) missile per MK852 Mod 0. MK852s are transport containers that go to Ship Self Defense System (SSDS) ships to be loaded. SSDS ships will be officially modified to take delivery of ESSM Blk 2 AURs in FY 2024.</p> <p><sup>(5)</sup> CMBRE requirement (power supply, and cables) ends in FY 2022. Procured CMBREs are used to reprogram ESSM Blk 2 AURs in deployed locations.</p> <p><sup>(6)</sup> Test Equipment (\$3.955M) is being used to procure a Missile Simulator Unit (MSU). A Missile Simulator Unit provides portable test equipment which can be transported to support land based and waterfront integration test events. This set is required for procurement in FY 2024 to support ESSM Block 2 integration to begin in FY 2025 on new US Navy platforms such as FFG, as well as new AEGIS and SSDS Baseline development.</p> <p><sup>(7)</sup> Costs required for the shared (across multiple missile families) production facility in Tucson, AZ. Previous submissions showed this funding in overall procurement support however the effort is now being broken out to show specific information on what support costs are being used for. Production Support (Producibility/Procurement, Security Infrastructure, Hardware Maintenance, and Configuration Management) for ESSM Blk 2 reflects the U.S. Share under the cooperative Memorandum of Understanding (MOU) with Consortium Partners. The US is responsible for approximately 45% of the missile production support under this approved MOU. While there is not a one-to-one relationship between yearly missile quantities and the amount of production support necessary for Blk2, an increase in missile quantity will generally drive some increase in production support.</p> <p><sup>(8)</sup> Costs required for the shared (across multiple missile families) production facility in Tucson, AZ. Previous submissions showed this funding in overall procurement support however the effort is now being broken out to show specific information on what support costs are being used for. Production Support (Producibility/Procurement, Security Infrastructure, Hardware Maintenance, and Configuration Management) for ESSM Blk 2 reflects the U.S. Share under the cooperative Memorandum of Understanding (MOU) with Consortium Partners. The US is responsible for approximately 45% of the missile production support under this approved MOU. While there is not a one-to-one relationship between yearly missile quantities and the amount of production support necessary for Blk2, an increase in missile quantity will generally drive some increase in production support.</p> <p><sup>(9)</sup> Support for the system performance per the Navy weapon specifications. Production Support (Producibility/Procurement, Security Infrastructure, Hardware Maintenance, and Configuration Management) for ESSM Blk 2 reflects the U.S. Share under the cooperative Memorandum of Understanding (MOU) with Consortium Partners. The US is responsible for approximately 45% of the missile production support under this approved MOU. While there is not a one-to-one relationship between yearly missile quantities and the amount of production support necessary for Blk2, an increase in missile quantity will generally drive some increase in production support.</p> <p><sup>(10)</sup> Support for test equipment in the production line. Production Support (Producibility/Procurement, Security Infrastructure, Hardware Maintenance, and Configuration Management) for ESSM Blk 2 reflects the U.S. Share under the cooperative Memorandum of Understanding (MOU) with Consortium Partners. The US is responsible for approximately 45% of the missile production support under this approved MOU. While there is not a one-to-one relationship between yearly missile quantities and the amount of production support necessary for Blk2, an increase in missile quantity will generally drive some increase in production support.</p> |                                                                                   |                                                                               |

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| Exhibit P-5a, Procurement History and Planning: PB 2024 Navy             |             |      |                                                                            |                                      |                 |               |                              |                                                                        | Date: March 2023  |                        |                               |                   |
|--------------------------------------------------------------------------|-------------|------|----------------------------------------------------------------------------|--------------------------------------|-----------------|---------------|------------------------------|------------------------------------------------------------------------|-------------------|------------------------|-------------------------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity:<br>1507N / 02 / 3 |             |      | P-1 Line Item Number / Title:<br>2307 / Evolved Sea Sparrow Missile (ESSM) |                                      |                 |               |                              | Item Number / Title [DODIC]:<br>1 / Evolved Sea Sparrow Missile (ESSM) |                   |                        |                               |                   |
| Cost Elements                                                            | O<br>C<br>O | FY   | Contractor and Location                                                    | Method/Type<br>or<br>Funding Vehicle | Location of PCO | Award<br>Date | Date<br>of First<br>Delivery | Qty<br>(Each)                                                          | Unit Cost<br>(\$) | Specs<br>Avail<br>Now? | Date<br>Revision<br>Available | RFP Issue<br>Date |
| 1.1.1) MK 41 AEGIS ALL UP<br>ROUND MISSILE HARDWARE                      |             | 2015 | Raytheon CO <sup>(11)</sup> / Tucson, AZ                                   | SS / FFP                             | NAVSEA          | Mar 2015      | Mar 2017                     | 41                                                                     | 1,023K            | Y                      |                               | Oct 2013          |
| 1.1.1) MK 41 AEGIS ALL UP<br>ROUND MISSILE HARDWARE                      |             | 2016 | Raytheon CO <sup>(11)</sup> / Tucson, AZ                                   | SS / FFP                             | NAVSEA          | Mar 2016      | Mar 2018                     | 12                                                                     | 1,038K            | Y                      |                               | Oct 2014          |
| 1.1.1) MK 41 AEGIS ALL UP<br>ROUND MISSILE HARDWARE                      |             | 2017 | Raytheon CO <sup>(11)</sup> / Tucson, AZ                                   | SS / FFP                             | NAVSEA          | May 2017      | May 2019                     | 49                                                                     | 1,201K            | Y                      |                               | Oct 2015          |
| 1.1.2) MK 29 ALL UP ROUNDS<br>MISSILE HARDWARE                           |             | 2015 | Raytheon CO / Tucson, AZ                                                   | SS / FFP                             | NAVSEA          | Mar 2015      | Mar 2017                     | 63                                                                     | 898,825.40        | Y                      | Mar 2000                      | Jun 2013          |
| 1.1.2) MK 29 ALL UP ROUNDS<br>MISSILE HARDWARE                           |             | 2016 | Raytheon CO / Tucson, AZ                                                   | SS / FFP                             | NAVSEA          | Mar 2016      | Mar 2018                     | 18                                                                     | 971,944.44        | Y                      | Mar 2000                      | Jun 2014          |
| 1.1.3) MK 57 ALLUP ROUNDS<br>MISSILE HARDWARE                            |             | 2017 | Raytheon CO / Tucson, AZ                                                   | SS / FFP                             | NAVSEA          | Oct 2016      | Oct 2018                     | 24                                                                     | 1,277K            | Y                      |                               |                   |
| 1.1.5) ESSM BLOCK 2 <sup>(†)</sup>                                       |             | 2018 | Raytheon CO <sup>(12)</sup> / Tucson, AZ                                   | SS / FFP                             | NAVSEA          | Jul 2019      | Jan 2021                     | 31                                                                     | 1,748K            | Y                      |                               | Oct 2017          |
| 1.1.5) ESSM BLOCK 2 <sup>(†)</sup>                                       |             | 2019 | Raytheon CO <sup>(12)</sup> / Tucson, AZ                                   | SS / FFP                             | NAVSEA          | Jul 2019      | Jul 2021                     | 45                                                                     | 1,728K            | Y                      |                               | Oct 2018          |
| 1.1.5) ESSM BLOCK 2 <sup>(†)</sup>                                       |             | 2020 | Raytheon CO <sup>(12)</sup> / Tucson, AZ                                   | SS / FPIF                            | NAVSEA          | Oct 2019      | Oct 2021                     | 50                                                                     | 1,727K            | Y                      |                               | Oct 2019          |
| 1.1.5) ESSM BLOCK 2 <sup>(†)</sup>                                       |             | 2021 | Raytheon CO <sup>(12)</sup> / Tucson, AZ                                   | SS / FPIF                            | NAVSEA          | Sep 2021      | Sep 2023                     | 110                                                                    | 1,577K            | N                      | Oct 2020                      |                   |
| 1.1.5) ESSM BLOCK 2 <sup>(†)</sup>                                       |             | 2022 | Raytheon CO <sup>(12)</sup> / Tucson, AZ                                   | SS / FPIF                            | NAVSEA          | Nov 2021      | Nov 2023                     | 108                                                                    | 1,573K            | N                      | Oct 2021                      |                   |
| 1.1.5) ESSM BLOCK 2 <sup>(†)</sup>                                       |             | 2023 | Raytheon CO <sup>(12)</sup> / Tucson, AZ                                   | SS / FPIF                            | NAVSEA          | Oct 2022      | Oct 2024                     | 136                                                                    | 1,541K            | N                      | Oct 2022                      |                   |
| 1.1.5) ESSM BLOCK 2 <sup>(†)</sup>                                       |             | 2024 | Raytheon CO <sup>(12)</sup> / Tucson, AZ                                   | C / TBD                              | NAVSEA          | Feb 2024      | Feb 2026                     | 147                                                                    | 1,527K            | N                      | Dec 2023                      |                   |
| 2.1.1) MK 25 QUADPACK<br>CANISTERS <sup>(†)</sup>                        |             | 2016 | BAE / ABERDEEN, SD                                                         | SS / FFP                             | NAVSEA          | Mar 2016      | Jun 2017                     | 3                                                                      | 419,200.00        | Y                      |                               | Feb 2014          |
| 2.1.1) MK 25 QUADPACK<br>CANISTERS <sup>(†)</sup>                        |             | 2017 | BAE / ABERDEEN, SD                                                         | SS / FFP                             | NAVSEA          | May 2017      | Aug 2018                     | 19                                                                     | 374,064.00        | Y                      |                               | Feb 2015          |
| 2.1.1) MK 25 QUADPACK<br>CANISTERS <sup>(†)</sup>                        |             | 2018 | BAE / ABERDEEN, SD                                                         | C / FFP                              | NAVSEA          | Jul 2019      | Oct 2020                     | 11                                                                     | 480,000.00        | Y                      |                               | Feb 2016          |
| 2.1.1) MK 25 QUADPACK<br>CANISTERS <sup>(†)</sup>                        |             | 2019 | BAE / ABERDEEN, SD                                                         | C / FFP                              | NAVSEA          | Jul 2019      | Oct 2020                     | 11                                                                     | 489,600.00        | Y                      |                               |                   |
| 2.1.1) MK 25 QUADPACK<br>CANISTERS <sup>(†)</sup>                        |             | 2020 | BAE / ABERDEEN, SD                                                         | C / FFP                              | NAVSEA          | Feb 2020      | May 2021                     | 8                                                                      | 608,798.00        | Y                      |                               |                   |
| 2.1.1) MK 25 QUADPACK<br>CANISTERS <sup>(†)</sup>                        |             | 2021 | BAE / ABERDEEN, SD                                                         | C / FFP                              | NAVSEA          | Mar 2021      | Jun 2022                     | 20                                                                     | 596,386.00        | Y                      |                               |                   |
| 2.1.1) MK 25 QUADPACK<br>CANISTERS <sup>(†)</sup>                        |             | 2022 | BAE / ABERDEEN, SD                                                         | C / FFP                              | NAVSEA          | Mar 2022      | Jun 2023                     | 17                                                                     | 616,083.00        | Y                      |                               |                   |
| 2.1.1) MK 25 QUADPACK<br>CANISTERS <sup>(†)</sup>                        |             | 2023 | BAE / ABERDEEN, SD                                                         | C / FFP                              | NAVSEA          | Mar 2023      | Jun 2024                     | 34                                                                     | 634,525.00        | Y                      |                               |                   |

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| Exhibit P-5a, Procurement History and Planning: PB 2024 Navy                                                                                                                            |             |      |                                           |                                                                            |                 |               |                              | Date: March 2023                                                       |                   |                        |                               |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|-------------------------------------------|----------------------------------------------------------------------------|-----------------|---------------|------------------------------|------------------------------------------------------------------------|-------------------|------------------------|-------------------------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity:<br>1507N / 02 / 3                                                                                                                |             |      |                                           | P-1 Line Item Number / Title:<br>2307 / Evolved Sea Sparrow Missile (ESSM) |                 |               |                              | Item Number / Title [DODIC]:<br>1 / Evolved Sea Sparrow Missile (ESSM) |                   |                        |                               |                   |
| Cost Elements                                                                                                                                                                           | O<br>C<br>O | FY   | Contractor and Location                   | Method/Type<br>or<br>Funding Vehicle                                       | Location of PCO | Award<br>Date | Date<br>of First<br>Delivery | Qty<br>(Each)                                                          | Unit Cost<br>(\$) | Specs<br>Avail<br>Now? | Date<br>Revision<br>Available | RFP Issue<br>Date |
| 2.1.1) MK 25 QUADPACK<br>CANISTERS <sup>(†)</sup>                                                                                                                                       |             | 2024 | TBD / TBD                                 | C / TBD                                                                    | NAVSEA          | Nov 2023      | Feb 2025                     | 33                                                                     | 647,216.00        | Y                      |                               |                   |
| 2.1.3) MK 852 Mod 0 (Blk2<br>Shipping)                                                                                                                                                  |             | 2018 | Raytheon CO / Tucson AZ                   | SS / FFP                                                                   | NAVSEA          | Aug 2019      | Aug 2019                     | 7                                                                      | 56,000.00         | Y                      |                               | Oct 2017          |
| 2.1.3) MK 852 Mod 0 (Blk2<br>Shipping)                                                                                                                                                  |             | 2019 | Raytheon CO / Tucson AZ                   | SS / FFP                                                                   | NAVSEA          | Aug 2019      | Aug 2019                     | 5                                                                      | 57,680.00         | Y                      |                               | Oct 2018          |
| 2.1.3) MK 852 Mod 0 (Blk2<br>Shipping)                                                                                                                                                  |             | 2021 | Raytheon CO / Tucson AZ                   | C / TBD                                                                    | NAVSEA          | Oct 2020      | Oct 2020                     | 30                                                                     | 41,712.00         | N                      |                               |                   |
| 2.1.3) MK 852 Mod 0 (Blk2<br>Shipping)                                                                                                                                                  |             | 2022 | Raytheon CO / Tucson AZ                   | C / TBD                                                                    | NAVSEA          | Oct 2021      | Oct 2021                     | 31                                                                     | 25,007.00         | N                      |                               |                   |
| 2.1.3) MK 852 Mod 0 (Blk2<br>Shipping)                                                                                                                                                  |             | 2024 | Raytheon CO / Tucson AZ                   | C / TBD                                                                    | NAVSEA          | Feb 2024      | Feb 2024                     | 16                                                                     | 25,507.00         | N                      |                               |                   |
| 3.1.1) CMBRE Procurement                                                                                                                                                                |             | 2021 | Northrop Grumman /<br>Huntsville, Alabama | C / TBD                                                                    | NAVAIR          | Nov 2020      | Nov 2020                     | 20                                                                     | 154,151.00        | N                      |                               |                   |
| 3.1.2) CMBRE Adaptors                                                                                                                                                                   |             | 2021 | Northrop Grumman /<br>Huntsville, Alabama | C / TBD                                                                    | NAVAIR          | Nov 2020      | Nov 2020                     | 20                                                                     | 91,800.00         | N                      |                               |                   |
| 3.1.3) CMBRE SPARES                                                                                                                                                                     |             | 2021 | Northrop Grumman /<br>Huntsville, Alabama | C / TBD                                                                    | NAVAIR          | Nov 2020      | Nov 2020                     | 3                                                                      | 61,951.00         | N                      |                               |                   |
| 3.1.4) CMBRE Power Supply                                                                                                                                                               |             | 2021 | Northrop Grumman /<br>Huntsville, Alabama | C / TBD                                                                    | NAVAIR          | Oct 2020      | Oct 2020                     | 10                                                                     | 18,360.00         | N                      |                               |                   |
| 3.1.4) CMBRE Power Supply                                                                                                                                                               |             | 2022 | Northrop Grumman /<br>Huntsville, Alabama | C / TBD                                                                    | NAVAIR          | Oct 2021      | Oct 2021                     | 10                                                                     | 27,000.00         | N                      |                               |                   |
| 3.1.5) CMBRE Cables                                                                                                                                                                     |             | 2021 | Northrop Grumman /<br>Huntsville, Alabama | C / TBD                                                                    | NAVAIR          | Oct 2020      | Oct 2020                     | 10                                                                     | 5,100.00          | N                      |                               |                   |
| 3.1.5) CMBRE Cables                                                                                                                                                                     |             | 2022 | Northrop Grumman /<br>Huntsville, Alabama | C / TBD                                                                    | NAVAIR          | Oct 2021      | Oct 2021                     | 10                                                                     | 5,202.00          | N                      |                               |                   |
| 3.1.6) MK 852 Mod 0 (BLK 2)<br>Shipping Containers <sup>(†)</sup>                                                                                                                       |             | 2018 | Raytheon CO / Tucson AZ                   | SS / FPIF                                                                  | NAVSEA          | Sep 2018      | Sep 2019                     | 10                                                                     | 56,000.00         | Y                      |                               |                   |
| 3.1.10) ESSM SHIPPING<br>CONTAINERS                                                                                                                                                     |             | 2015 | Raytheon CO / Tucson, AZ                  | SS / FFP                                                                   | NAVSEA          | Mar 2015      | May 2017                     | 63                                                                     | 6,031.75          | Y                      | Mar 2000                      | Oct 2014          |
| 3.1.10) ESSM SHIPPING<br>CONTAINERS                                                                                                                                                     |             | 2016 | Raytheon CO / Tucson, AZ                  | SS / FFP                                                                   | NAVSEA          | Dec 2016      | Feb 2019                     | 18                                                                     | 6,166.67          | Y                      | Mar 2000                      | Oct 2015          |
| <sup>(†)</sup> indicates the presence of a P-21<br><br><b>Footnotes:</b><br><sup>(11)</sup> ESSM is a cooperative effort among twelve NATO SEASPARROW nations which contributes to MSR. |             |      |                                           |                                                                            |                 |               |                              |                                                                        |                   |                        |                               |                   |

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|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| <b>Exhibit P-5a, Procurement History and Planning: PB 2024 Navy</b>             |                                                                                   | <b>Date:</b> March 2023                                                       |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>1507N / 02 / 3 | <b>P-1 Line Item Number / Title:</b><br>2307 / Evolved Sea Sparrow Missile (ESSM) | <b>Item Number / Title [DODIC]:</b><br>1 / Evolved Sea Sparrow Missile (ESSM) |

<sup>(12)</sup> FRP Test Equipment on contract awarded in FY 2022 and will support max capacity starting in FY 2025 with ramp up beginning in FY 2024. MSR Total Quantity includes Consortium. MSR, 1-8-5, and MAX quantities updated for FY 2022 based on experience from initial production and transition to production progress.

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| Exhibit P-21, Production Schedule: PB 2024 Navy                          |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     | Date: March 2023                                                       |     |     |     |     |     |     |     |     |     |         |     |   |   |
|--------------------------------------------------------------------------|-------|------|---------|----------|----------------------------|---------------------|------------------|-----|-----|----------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|------------------|-----|-----|------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|---|---|
| Appropriation / Budget Activity / Budget Sub Activity:<br>1507N / 02 / 3 |       |      |         |          |                            |                     |                  |     |     | P-1 Line Item Number / Title:<br>2307 / Evolved Sea Sparrow Missile (ESSM) |     |     |     |     |     |     |                  |     |     | Item Number / Title [DODIC]:<br>1 / Evolved Sea Sparrow Missile (ESSM) |     |     |     |     |     |     |     |     |     |         |     |   |   |
| Cost Elements<br><i>(Units in Each)</i>                                  |       |      |         |          |                            |                     | Fiscal Year 2015 |     |     |                                                                            |     |     |     |     |     |     | Fiscal Year 2016 |     |     |                                                                        |     |     |     |     |     |     |     |     |     | BALANCE |     |   |   |
| OCO                                                                      | MFR # | FY   | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2014 | BAL DUE AS OF 1 OCT |                  |     |     | Calendar Year 2015                                                         |     |     |     |     |     |     |                  |     |     | Calendar Year 2016                                                     |     |     |     |     |     |     |     |     |     |         |     |   |   |
|                                                                          |       |      |         |          |                            |                     | OCT              | NOV | DEC | JAN                                                                        | FEB | MAR | APR | MAY | JUN | JUL | AUG              | SEP | OCT | NOV                                                                    | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG |         | SEP |   |   |
| 1.1.5) ESSM BLOCK 2 <sup>(1)</sup>                                       |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   |   |
|                                                                          | 1     | 2018 | NAVY    | 31       | 0                          | 31                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 31  |     |         |     |   |   |
|                                                                          | 1     | 2019 | NAVY    | 45       | 0                          | 45                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 45  |     |         |     |   |   |
|                                                                          | 1     | 2020 | NAVY    | 50       | 0                          | 50                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 50  |     |         |     |   |   |
|                                                                          | 1     | 2021 | NAVY    | 110      | 0                          | 110                 |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 110 |     |         |     |   |   |
|                                                                          | 1     | 2022 | NAVY    | 108      | 0                          | 108                 |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 108 |     |         |     |   |   |
|                                                                          | 1     | 2023 | NAVY    | 136      | 0                          | 136                 |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 136 |     |         |     |   |   |
|                                                                          | 1     | 2024 | NAVY    | 147      | 0                          | 147                 |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 147 |     |         |     |   |   |
| 2.1.1) MK 25 QUADPACK CANISTERS <sup>(3)</sup>                           |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   |   |
| Prior Years Deliveries: 145                                              |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   |   |
|                                                                          | 2     | 2016 | NAVY    | 3        | 0                          | 3                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     | A - | -   | -   | -   | -       | -   | - | 3 |
|                                                                          | 2     | 2017 | NAVY    | 19       | 0                          | 19                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 19  |     |         |     |   |   |
|                                                                          | 2     | 2018 | NAVY    | 11       | 0                          | 11                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 11  |     |         |     |   |   |
|                                                                          | 2     | 2019 | NAVY    | 11       | 0                          | 11                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 11  |     |         |     |   |   |
|                                                                          | 2     | 2020 | NAVY    | 8        | 0                          | 8                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 8   |     |         |     |   |   |
|                                                                          | 2     | 2021 | NAVY    | 20       | 0                          | 20                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 20  |     |         |     |   |   |
|                                                                          | 2     | 2022 | NAVY    | 17       | 0                          | 17                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 17  |     |         |     |   |   |
|                                                                          | 2     | 2023 | NAVY    | 34       | 0                          | 34                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 34  |     |         |     |   |   |
|                                                                          | 3     | 2024 | NAVY    | 33       | 0                          | 33                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 33  |     |         |     |   |   |
| 3.1.6) MK 852 Mod 0 (BLK 2) Shipping Containers                          |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   |   |
|                                                                          | 4     | 2018 | NAVY    | 10       | 0                          | 10                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     | 10  |     |         |     |   |   |
|                                                                          |       |      |         |          |                            |                     | OCT              | NOV | DEC | JAN                                                                        | FEB | MAR | APR | MAY | JUN | JUL | AUG              | SEP | OCT | NOV                                                                    | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP     |     |   |   |

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| Exhibit P-21, Production Schedule: PB 2024 Navy                          |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     | Date: March 2023                                                       |     |     |     |     |     |     |     |     |     |         |     |     |    |
|--------------------------------------------------------------------------|-------|------|---------|----------|----------------------------|---------------------|------------------|-----|-----|----------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|------------------|-----|-----|------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|-----|----|
| Appropriation / Budget Activity / Budget Sub Activity:<br>1507N / 02 / 3 |       |      |         |          |                            |                     |                  |     |     | P-1 Line Item Number / Title:<br>2307 / Evolved Sea Sparrow Missile (ESSM) |     |     |     |     |     |     |                  |     |     | Item Number / Title [DODIC]:<br>1 / Evolved Sea Sparrow Missile (ESSM) |     |     |     |     |     |     |     |     |     |         |     |     |    |
| Cost Elements<br><i>(Units in Each)</i>                                  |       |      |         |          |                            |                     | Fiscal Year 2017 |     |     |                                                                            |     |     |     |     |     |     | Fiscal Year 2018 |     |     |                                                                        |     |     |     |     |     |     |     |     |     | BALANCE |     |     |    |
| OCO                                                                      | MFR # | FY   | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2016 | BAL DUE AS OF 1 OCT |                  |     |     | Calendar Year 2017                                                         |     |     |     |     |     |     |                  |     |     | Calendar Year 2018                                                     |     |     |     |     |     |     |     |     |     |         |     |     |    |
|                                                                          |       |      |         |          |                            |                     | OCT              | NOV | DEC | JAN                                                                        | FEB | MAR | APR | MAY | JUN | JUL | AUG              | SEP | OCT | NOV                                                                    | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG |         | SEP |     |    |
| 1.1.5) ESSM BLOCK 2 <sup>(1)</sup>                                       |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |     |    |
|                                                                          | 1     | 2018 | NAVY    | 31       | 0                          | 31                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 31  |    |
|                                                                          | 1     | 2019 | NAVY    | 45       | 0                          | 45                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 45  |    |
|                                                                          | 1     | 2020 | NAVY    | 50       | 0                          | 50                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 50  |    |
|                                                                          | 1     | 2021 | NAVY    | 110      | 0                          | 110                 |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 110 |    |
|                                                                          | 1     | 2022 | NAVY    | 108      | 0                          | 108                 |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 108 |    |
|                                                                          | 1     | 2023 | NAVY    | 136      | 0                          | 136                 |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 136 |    |
|                                                                          | 1     | 2024 | NAVY    | 147      | 0                          | 147                 |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 147 |    |
| 2.1.1) MK 25 QUADPACK CANISTERS <sup>(3)</sup>                           |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |     |    |
| Prior Years Deliveries: 145                                              |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |     |    |
|                                                                          | 2     | 2016 | NAVY    | 3        | 0                          | 3                   | -                | -   | -   | -                                                                          | -   | -   | -   | -   | 3   |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 0   |    |
|                                                                          | 2     | 2017 | NAVY    | 19       | 0                          | 19                  |                  |     |     |                                                                            |     |     |     | A - | -   | -   | -                | -   | -   | -                                                                      | -   | -   | -   | -   | -   | -   | -   | -   | -   | 2       | -   | 17  |    |
|                                                                          | 2     | 2018 | NAVY    | 11       | 0                          | 11                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 11  |    |
|                                                                          | 2     | 2019 | NAVY    | 11       | 0                          | 11                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 11  |    |
|                                                                          | 2     | 2020 | NAVY    | 8        | 0                          | 8                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 8   |    |
|                                                                          | 2     | 2021 | NAVY    | 20       | 0                          | 20                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 20  |    |
|                                                                          | 2     | 2022 | NAVY    | 17       | 0                          | 17                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 17  |    |
|                                                                          | 2     | 2023 | NAVY    | 34       | 0                          | 34                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 34  |    |
|                                                                          | 3     | 2024 | NAVY    | 33       | 0                          | 33                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 33  |    |
| 3.1.6) MK 852 Mod 0 (BLK 2) Shipping Containers                          |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |     |    |
|                                                                          | 4     | 2018 | NAVY    | 10       | 0                          | 10                  |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | A - | 10 |
|                                                                          |       |      |         |          |                            |                     | OCT              | NOV | DEC | JAN                                                                        | FEB | MAR | APR | MAY | JUN | JUL | AUG              | SEP | OCT | NOV                                                                    | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP     |     |     |    |

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| Exhibit P-21, Production Schedule: PB 2024 Navy                          |       |      |         |          |                            |                     |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     | Date: March 2023                                                       |     |     |     |     |     |     |     |     |     |         |     |     |    |    |   |
|--------------------------------------------------------------------------|-------|------|---------|----------|----------------------------|---------------------|--------------------|-----|-----|----------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|--------------------|-----|-----|------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|-----|----|----|---|
| Appropriation / Budget Activity / Budget Sub Activity:<br>1507N / 02 / 3 |       |      |         |          |                            |                     |                    |     |     | P-1 Line Item Number / Title:<br>2307 / Evolved Sea Sparrow Missile (ESSM) |     |     |     |     |     |     |                    |     |     | Item Number / Title [DODIC]:<br>1 / Evolved Sea Sparrow Missile (ESSM) |     |     |     |     |     |     |     |     |     |         |     |     |    |    |   |
| Cost Elements<br><i>(Units in Each)</i>                                  |       |      |         |          |                            |                     | Fiscal Year 2019   |     |     |                                                                            |     |     |     |     |     |     | Fiscal Year 2020   |     |     |                                                                        |     |     |     |     |     |     |     |     |     | BALANCE |     |     |    |    |   |
| OCO                                                                      | MFR # | FY   | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2018 | BAL DUE AS OF 1 OCT | Calendar Year 2019 |     |     |                                                                            |     |     |     |     |     |     | Calendar Year 2020 |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |     |    |    |   |
|                                                                          |       |      |         |          |                            |                     | OCT                | NOV | DEC | JAN                                                                        | FEB | MAR | APR | MAY | JUN | JUL | AUG                | SEP | OCT | NOV                                                                    | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG |         | SEP |     |    |    |   |
| 1.1.5) ESSM BLOCK 2 <sup>(1)</sup>                                       |       |      |         |          |                            |                     |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |     |    |    |   |
|                                                                          | 1     | 2018 | NAVY    | 31       | 0                          | 31                  |                    |     |     |                                                                            |     |     |     |     |     |     | A -                | -   | -   | -                                                                      | -   | -   | -   | -   | -   | -   | -   | -   | -   | -       | -   | -   | -  | 31 |   |
|                                                                          | 1     | 2019 | NAVY    | 45       | 0                          | 45                  |                    |     |     |                                                                            |     |     |     |     |     |     | A -                | -   | -   | -                                                                      | -   | -   | -   | -   | -   | -   | -   | -   | -   | -       | -   | -   | -  | 45 |   |
|                                                                          | 1     | 2020 | NAVY    | 50       | 0                          | 50                  |                    |     |     |                                                                            |     |     |     |     |     |     | A -                |     |     | -                                                                      | -   | -   | -   | -   | -   | -   | -   | -   | -   | -       | -   | -   | -  | 50 |   |
|                                                                          | 1     | 2021 | NAVY    | 110      | 0                          | 110                 |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 110 |    |    |   |
|                                                                          | 1     | 2022 | NAVY    | 108      | 0                          | 108                 |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 108 |    |    |   |
|                                                                          | 1     | 2023 | NAVY    | 136      | 0                          | 136                 |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 136 |    |    |   |
|                                                                          | 1     | 2024 | NAVY    | 147      | 0                          | 147                 |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 147 |    |    |   |
| 2.1.1) MK 25 QUADPACK CANISTERS <sup>(3)</sup>                           |       |      |         |          |                            |                     |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |     |    |    |   |
| Prior Years Deliveries: 145                                              |       |      |         |          |                            |                     |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |     |    |    |   |
|                                                                          | 2     | 2016 | NAVY    | 3        | 3                          | 0                   |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 0   |    |    |   |
|                                                                          | 2     | 2017 | NAVY    | 19       | 2                          | 17                  | 2                  | 2   | 2   | 2                                                                          | 2   | 3   | 2   | 2   |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 0   |    |    |   |
|                                                                          | 2     | 2018 | NAVY    | 11       | 0                          | 11                  |                    |     |     |                                                                            |     |     |     |     |     |     | A -                | -   | -   | -                                                                      | -   | -   | -   | -   | -   | -   | -   | -   | -   | -       | -   | -   | 11 |    |   |
|                                                                          | 2     | 2019 | NAVY    | 11       | 0                          | 11                  |                    |     |     |                                                                            |     |     |     |     |     |     | A -                | -   | -   | -                                                                      | -   | -   | -   | -   | -   | -   | -   | -   | -   | -       | -   | -   | 11 |    |   |
|                                                                          | 2     | 2020 | NAVY    | 8        | 0                          | 8                   |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     | A - |     |     | -   | -   | -   | -   | -   | -       | -   | -   | -  | -  | 8 |
|                                                                          | 2     | 2021 | NAVY    | 20       | 0                          | 20                  |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 20  |    |    |   |
|                                                                          | 2     | 2022 | NAVY    | 17       | 0                          | 17                  |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 17  |    |    |   |
|                                                                          | 2     | 2023 | NAVY    | 34       | 0                          | 34                  |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 34  |    |    |   |
|                                                                          | 3     | 2024 | NAVY    | 33       | 0                          | 33                  |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 33  |    |    |   |
| 3.1.6) MK 852 Mod 0 (BLK 2) Shipping Containers                          |       |      |         |          |                            |                     |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |     |    |    |   |
|                                                                          | 4     | 2018 | NAVY    | 10       | 0                          | 10                  | -                  | -   | -   | -                                                                          | -   | -   | -   | -   | -   | -   | 5                  | 5   |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     | 0   |    |    |   |
|                                                                          |       |      |         |          |                            |                     | OCT                | NOV | DEC | JAN                                                                        | FEB | MAR | APR | MAY | JUN | JUL | AUG                | SEP | OCT | NOV                                                                    | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP     |     |     |    |    |   |

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| Exhibit P-21, Production Schedule: PB 2024 Navy                          |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     | Date: March 2023                                                       |     |     |     |     |     |     |     |   |    |         |     |     |  |
|--------------------------------------------------------------------------|-------|------|---------|----------|----------------------------|---------------------|------------------|-----|-----|----------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------|-----|-----|------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|---|----|---------|-----|-----|--|
| Appropriation / Budget Activity / Budget Sub Activity:<br>1507N / 02 / 3 |       |      |         |          |                            |                     |                  |     |     | P-1 Line Item Number / Title:<br>2307 / Evolved Sea Sparrow Missile (ESSM) |     |     |     |     |     |     |     |     |     |                  |     |     | Item Number / Title [DODIC]:<br>1 / Evolved Sea Sparrow Missile (ESSM) |     |     |     |     |     |     |     |   |    |         |     |     |  |
| Cost Elements<br><i>(Units in Each)</i>                                  |       |      |         |          |                            |                     | Fiscal Year 2021 |     |     |                                                                            |     |     |     |     |     |     |     |     |     | Fiscal Year 2022 |     |     |                                                                        |     |     |     |     |     |     |     |   |    | BALANCE |     |     |  |
| OCO                                                                      | MFR # | FY   | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2020 | BAL DUE AS OF 1 OCT |                  |     |     | Calendar Year 2021                                                         |     |     |     |     |     |     |     |     |     |                  |     |     | Calendar Year 2022                                                     |     |     |     |     |     |     |     |   |    |         |     |     |  |
|                                                                          |       |      |         |          |                            |                     | OCT              | NOV | DEC | JAN                                                                        | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV              | DEC | JAN | FEB                                                                    | MAR | APR | MAY | JUN | JUL | AUG | SEP |   |    |         |     |     |  |
| 1.1.5) ESSM BLOCK 2 <sup>(1)</sup>                                       |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |   |    |         |     |     |  |
|                                                                          | 1     | 2018 | NAVY    | 31       | 0                          | 31                  | -                | -   | -   | 4                                                                          | -   | -   | -   | -   | 4   | -   | -   | -   | -   | -                | 23  |     |                                                                        |     |     |     |     |     |     |     |   |    | 0       |     |     |  |
|                                                                          | 1     | 2019 | NAVY    | 45       | 0                          | 45                  | -                | -   | -   | -                                                                          | -   | -   | -   | -   | -   | 3   | 3   | 3   | 4   | 4                | 4   | 4   | 4                                                                      | 4   | 4   | 4   |     |     |     |     |   | 0  |         |     |     |  |
|                                                                          | 1     | 2020 | NAVY    | 50       | 0                          | 50                  | -                | -   | -   | -                                                                          | -   | -   | -   | -   | -   | -   | -   | 4   | 4   | 4                | 4   | 4   | 4                                                                      | 4   | 4   | 4   | 4   | 5   | 5   | 0   |   |    |         |     |     |  |
|                                                                          | 1     | 2021 | NAVY    | 110      | 0                          | 110                 |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     | A -              | -   | -   | -                                                                      | -   | -   | -   | -   | -   | -   | -   | - | -  | -       | 110 |     |  |
|                                                                          | 1     | 2022 | NAVY    | 108      | 0                          | 108                 |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     | A -                                                                    | -   | -   | -   | -   | -   | -   | -   | - | -  | -       | -   | 108 |  |
|                                                                          | 1     | 2023 | NAVY    | 136      | 0                          | 136                 |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |   |    | 136     |     |     |  |
|                                                                          | 1     | 2024 | NAVY    | 147      | 0                          | 147                 |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |   |    | 147     |     |     |  |
| 2.1.1) MK 25 QUADPACK CANISTERS <sup>(3)</sup>                           |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |   |    |         |     |     |  |
| Prior Years Deliveries: 145                                              |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |   |    |         |     |     |  |
|                                                                          | 2     | 2016 | NAVY    | 3        | 3                          | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |   |    | 0       |     |     |  |
|                                                                          | 2     | 2017 | NAVY    | 19       | 19                         | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |   |    | 0       |     |     |  |
|                                                                          | 2     | 2018 | NAVY    | 11       | 0                          | 11                  | 1                | -   | -   | 3                                                                          | 3   | 3   | 1   |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |   |    | 0       |     |     |  |
|                                                                          | 2     | 2019 | NAVY    | 11       | 0                          | 11                  | 1                | 1   | 1   | 1                                                                          | 1   | 1   | 1   | 1   | 1   | 1   |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |   |    |         | 0   |     |  |
|                                                                          | 2     | 2020 | NAVY    | 8        | 0                          | 8                   | -                | -   | -   | -                                                                          | -   | -   | -   | 1   | -   | -   | -   | 1   | 2   | 2                | 1   | 1   |                                                                        |     |     |     |     |     |     |     |   |    | 0       |     |     |  |
|                                                                          | 2     | 2021 | NAVY    | 20       | 0                          | 20                  |                  |     |     |                                                                            |     | A - | -   | -   | -   | -   | -   | -   | -   | -                | -   | -   | -                                                                      | -   | 5   | -   | 1   | 2   | 12  |     |   |    |         |     |     |  |
|                                                                          | 2     | 2022 | NAVY    | 17       | 0                          | 17                  |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     | A -                                                                    | -   | -   | -   | -   | -   | -   | -   | - | 17 |         |     |     |  |
|                                                                          | 2     | 2023 | NAVY    | 34       | 0                          | 34                  |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |   |    | 34      |     |     |  |
|                                                                          | 3     | 2024 | NAVY    | 33       | 0                          | 33                  |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |   |    | 33      |     |     |  |
| 3.1.6) MK 852 Mod 0 (BLK 2) Shipping Containers                          |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |   |    |         |     |     |  |
|                                                                          | 4     | 2018 | NAVY    | 10       | 10                         | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |   |    | 0       |     |     |  |
|                                                                          |       |      |         |          |                            |                     | OCT              | NOV | DEC | JAN                                                                        | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV              | DEC | JAN | FEB                                                                    | MAR | APR | MAY | JUN | JUL | AUG | SEP |   |    |         |     |     |  |

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| Exhibit P-21, Production Schedule: PB 2024 Navy                          |       |      |         |          |                            |                     |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     | Date: March 2023                                                       |     |     |     |     |     |     |     |     |     |         |     |   |     |   |    |
|--------------------------------------------------------------------------|-------|------|---------|----------|----------------------------|---------------------|--------------------|-----|-----|----------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|--------------------|-----|-----|------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|---|-----|---|----|
| Appropriation / Budget Activity / Budget Sub Activity:<br>1507N / 02 / 3 |       |      |         |          |                            |                     |                    |     |     | P-1 Line Item Number / Title:<br>2307 / Evolved Sea Sparrow Missile (ESSM) |     |     |     |     |     |     |                    |     |     | Item Number / Title [DODIC]:<br>1 / Evolved Sea Sparrow Missile (ESSM) |     |     |     |     |     |     |     |     |     |         |     |   |     |   |    |
| Cost Elements<br><i>(Units in Each)</i>                                  |       |      |         |          |                            |                     | Fiscal Year 2023   |     |     |                                                                            |     |     |     |     |     |     | Fiscal Year 2024   |     |     |                                                                        |     |     |     |     |     |     |     |     |     | BALANCE |     |   |     |   |    |
| OCO                                                                      | MFR # | FY   | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2022 | BAL DUE AS OF 1 OCT | Calendar Year 2023 |     |     |                                                                            |     |     |     |     |     |     | Calendar Year 2024 |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   |     |   |    |
|                                                                          |       |      |         |          |                            |                     | OCT                | NOV | DEC | JAN                                                                        | FEB | MAR | APR | MAY | JUN | JUL | AUG                | SEP | OCT | NOV                                                                    | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG |         | SEP |   |     |   |    |
| 1.1.5) ESSM BLOCK 2 <sup>(1)</sup>                                       |       |      |         |          |                            |                     |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   |     |   |    |
|                                                                          | 1     | 2018 | NAVY    | 31       | 31                         | 0                   |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   | 0   |   |    |
|                                                                          | 1     | 2019 | NAVY    | 45       | 45                         | 0                   |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   | 0   |   |    |
|                                                                          | 1     | 2020 | NAVY    | 50       | 50                         | 0                   |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   | 0   |   |    |
|                                                                          | 1     | 2021 | NAVY    | 110      | 0                          | 110                 | -                  | -   | -   | -                                                                          | -   | -   | -   | -   | -   | -   | 9                  | 9   | 9   | 9                                                                      | 9   | 9   | 9   | 9   | 9   | 10  | 10  |     | 0   |         |     |   |     |   |    |
|                                                                          | 1     | 2022 | NAVY    | 108      | 0                          | 108                 | -                  | -   | -   | -                                                                          | -   | -   | -   | -   | -   | -   | -                  | 9   | 9   | 9                                                                      | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9   | 9       |     |   |     |   |    |
|                                                                          | 1     | 2023 | NAVY    | 136      | 0                          | 136                 | A -                | -   | -   | -                                                                          | -   | -   | -   | -   | -   | -   | -                  | -   | -   | -                                                                      | -   | -   | -   | -   | -   | -   | -   | -   | -   | 136     |     |   |     |   |    |
|                                                                          | 1     | 2024 | NAVY    | 147      | 0                          | 147                 |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     | A -                                                                    |     | -   | -   | -   | -   | -   | -   | -   | -   | -       | -   | - | 147 |   |    |
| 2.1.1) MK 25 QUADPACK CANISTERS <sup>(3)</sup>                           |       |      |         |          |                            |                     |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   |     |   |    |
| Prior Years Deliveries: 145                                              |       |      |         |          |                            |                     |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   |     |   |    |
|                                                                          | 2     | 2016 | NAVY    | 3        | 3                          | 0                   |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   | 0   |   |    |
|                                                                          | 2     | 2017 | NAVY    | 19       | 19                         | 0                   |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   | 0   |   |    |
|                                                                          | 2     | 2018 | NAVY    | 11       | 11                         | 0                   |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   | 0   |   |    |
|                                                                          | 2     | 2019 | NAVY    | 11       | 11                         | 0                   |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   | 0   |   |    |
|                                                                          | 2     | 2020 | NAVY    | 8        | 8                          | 0                   |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   | 0   |   |    |
|                                                                          | 2     | 2021 | NAVY    | 20       | 8                          | 12                  | 3                  | -   | -   | 3                                                                          | 2   | 3   | -   | 1   |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   | 0   |   |    |
|                                                                          | 2     | 2022 | NAVY    | 17       | 0                          | 17                  | -                  | -   | -   | -                                                                          | -   | -   | -   | -   | 1   | -   | -                  | 4   | 4   | 4                                                                      | 4   |     |     |     |     |     |     |     |     |         |     | 0 |     |   |    |
|                                                                          | 2     | 2023 | NAVY    | 34       | 0                          | 34                  |                    |     |     |                                                                            |     | A - | -   | -   | -   | -   | -                  | -   | -   | -                                                                      | -   | -   | -   | -   | -   | 2   | 2   | 2   | 2   | 26      |     |   |     |   |    |
|                                                                          | 3     | 2024 | NAVY    | 33       | 0                          | 33                  |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        | A - |     | -   | -   | -   | -   | -   | -   | -   | -       | -   | - | -   | - | 33 |
| 3.1.6) MK 852 Mod 0 (BLK 2) Shipping Containers                          |       |      |         |          |                            |                     |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   |     |   |    |
|                                                                          | 4     | 2018 | NAVY    | 10       | 10                         | 0                   |                    |     |     |                                                                            |     |     |     |     |     |     |                    |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |   | 0   |   |    |
|                                                                          |       |      |         |          |                            |                     | OCT                | NOV | DEC | JAN                                                                        | FEB | MAR | APR | MAY | JUN | JUL | AUG                | SEP | OCT | NOV                                                                    | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP     |     |   |     |   |    |

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LI 2307 - Evolved Sea Sparrow Missile (ESSM) Navy **UNCLASSIFIED** Page 15 of 17 P-1 Line #19 **Volume 1 - 295**

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| Exhibit P-21, Production Schedule: PB 2024 Navy                          |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     | Date: March 2023                                                       |     |     |     |     |     |     |     |     |     |         |     |  |  |
|--------------------------------------------------------------------------|-------|------|---------|----------|----------------------------|---------------------|------------------|-----|-----|----------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|------------------|-----|-----|------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|--|--|
| Appropriation / Budget Activity / Budget Sub Activity:<br>1507N / 02 / 3 |       |      |         |          |                            |                     |                  |     |     | P-1 Line Item Number / Title:<br>2307 / Evolved Sea Sparrow Missile (ESSM) |     |     |     |     |     |     |                  |     |     | Item Number / Title [DODIC]:<br>1 / Evolved Sea Sparrow Missile (ESSM) |     |     |     |     |     |     |     |     |     |         |     |  |  |
| Cost Elements<br><i>(Units in Each)</i>                                  |       |      |         |          |                            |                     | Fiscal Year 2027 |     |     |                                                                            |     |     |     |     |     |     | Fiscal Year 2028 |     |     |                                                                        |     |     |     |     |     |     |     |     |     | BALANCE |     |  |  |
| OCO                                                                      | MFR # | FY   | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2026 | BAL DUE AS OF 1 OCT |                  |     |     | Calendar Year 2027                                                         |     |     |     |     |     |     |                  |     |     | Calendar Year 2028                                                     |     |     |     |     |     |     |     |     |     |         |     |  |  |
|                                                                          |       |      |         |          |                            |                     | OCT              | NOV | DEC | JAN                                                                        | FEB | MAR | APR | MAY | JUN | JUL | AUG              | SEP | OCT | NOV                                                                    | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG |         | SEP |  |  |
| 1.1.5) ESSM BLOCK 2 <sup>(1)</sup>                                       |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |  |  |
|                                                                          | 1     | 2018 | NAVY    | 31       | 31                         | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 1     | 2019 | NAVY    | 45       | 45                         | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 1     | 2020 | NAVY    | 50       | 50                         | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 1     | 2021 | NAVY    | 110      | 110                        | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 1     | 2022 | NAVY    | 108      | 108                        | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 1     | 2023 | NAVY    | 136      | 136                        | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 1     | 2024 | NAVY    | 147      | 96                         | 51                  | 12               | 13  | 13  | 13                                                                         |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
| 2.1.1) MK 25 QUADPACK CANISTERS <sup>(3)</sup>                           |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |  |  |
| Prior Years Deliveries: 145                                              |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |  |  |
|                                                                          | 2     | 2016 | NAVY    | 3        | 3                          | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 2     | 2017 | NAVY    | 19       | 19                         | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 2     | 2018 | NAVY    | 11       | 11                         | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 2     | 2019 | NAVY    | 11       | 11                         | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 2     | 2020 | NAVY    | 8        | 8                          | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 2     | 2021 | NAVY    | 20       | 20                         | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 2     | 2022 | NAVY    | 17       | 17                         | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 2     | 2023 | NAVY    | 34       | 34                         | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          | 3     | 2024 | NAVY    | 33       | 33                         | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
| 3.1.6) MK 852 Mod 0 (BLK 2) Shipping Containers                          |       |      |         |          |                            |                     |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         |     |  |  |
|                                                                          | 4     | 2018 | NAVY    | 10       | 10                         | 0                   |                  |     |     |                                                                            |     |     |     |     |     |     |                  |     |     |                                                                        |     |     |     |     |     |     |     |     |     |         | 0   |  |  |
|                                                                          |       |      |         |          |                            |                     | OCT              | NOV | DEC | JAN                                                                        | FEB | MAR | APR | MAY | JUN | JUL | AUG              | SEP | OCT | NOV                                                                    | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP     |     |  |  |

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| Exhibit P-21, Production Schedule: PB 2024 Navy                          |                                          |                                |                |              |                                                                            |                    |                      |                      | Date: March 2023                                                       |                    |                      |                      |
|--------------------------------------------------------------------------|------------------------------------------|--------------------------------|----------------|--------------|----------------------------------------------------------------------------|--------------------|----------------------|----------------------|------------------------------------------------------------------------|--------------------|----------------------|----------------------|
| Appropriation / Budget Activity / Budget Sub Activity:<br>1507N / 02 / 3 |                                          |                                |                |              | P-1 Line Item Number / Title:<br>2307 / Evolved Sea Sparrow Missile (ESSM) |                    |                      |                      | Item Number / Title [DODIC]:<br>1 / Evolved Sea Sparrow Missile (ESSM) |                    |                      |                      |
| MFR<br>Ref<br>#                                                          | Manufacturer<br>Name - Location          | Production Rates (Each / Year) |                |              | Procurement Leadtime (Months)                                              |                    |                      |                      |                                                                        |                    |                      |                      |
|                                                                          |                                          | MSR For 2024                   | 1-8-5 For 2024 | MAX For 2024 | Initial                                                                    |                    |                      |                      | Reorder                                                                |                    |                      |                      |
|                                                                          |                                          |                                |                |              | ALT<br>Prior to Oct 1                                                      | ALT<br>After Oct 1 | Manufacturing<br>PLT | Total<br>After Oct 1 | ALT<br>Prior to Oct 1                                                  | ALT<br>After Oct 1 | Manufacturing<br>PLT | Total<br>After Oct 1 |
| 1                                                                        | Raytheon CO <sup>(12)</sup> - Tucson, AZ | 144                            | 144            | 300          | 8                                                                          | 2                  | 24                   | 26                   | 2                                                                      | 2                  | 24                   | 26                   |
| 2                                                                        | BAE - ABERDEEN, SD                       | 45                             | 48             | 72           | 0                                                                          | 5                  | 15                   | 20                   | 5                                                                      | 5                  | 15                   | 20                   |
| 3                                                                        | TBD - TBD                                | 45                             | 48             | 74           | 0                                                                          | 5                  | 15                   | 20                   | 5                                                                      | 5                  | 15                   | 20                   |
| 4                                                                        | Raytheon CO - Tucson AZ                  |                                |                | TBD          | 0                                                                          | 0                  | 0                    | 0                    | 0                                                                      | 0                  | 0                    | 0                    |

"A" in the Delivery Schedule indicates the Contract Award Date.

**Note:** Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

**Footnotes:**

<sup>(12)</sup> FRP Test Equipment on contract awarded in FY 2022 and will support max capacity starting in FY 2025 with ramp up beginning in FY 2024. MSR Total Quantity includes Consortium. MSR, 1-8-5, and MAX quantities updated for FY 2022 based on experience from initial production and transition to production progress.

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