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| Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy | | | | | | | | | | Date: February 2015 | | |
| Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy / BA 4: Advanced Component Development & Prototypes (ACD&P) | | | | | R-1 Program Element (Number/Name) PE 0603382N / Advanced Combat Systems Tech | | | | | | | |
| COST (\$ in Millions) | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Cost To Complete | Total Cost |
| Total Program Element | 62.573 | 1.510 | 1.639 | 1.636 | - | 1.636 | 1.775 | 1.795 | 1.805 | 1.842 | Continuing | Continuing |
| 0324: Adv Combat System Technology | 62.573 | 1.510 | 1.639 | 1.636 | - | 1.636 | 1.775 | 1.795 | 1.805 | 1.842 | Continuing | Continuing |
| Program MDAP/MAIS Code: 180 | | | | | | | | | | | | |
| A. Mission Description and Budget Item Justification | | | | | | | | | | | | |
| The Advanced Combat System Technology line is to evolve the technical and business practices for programs to change to an open architecture construct. The program was constructed to mature both technical and business model integration for C5I systems programs of record in an open architecture environment. The priority was incorporating the principles of modular design and design disclosure, reusable application software, interoperability and secure information exchange, lifecycle affordability and encouraging competition and collaboration. | | | | | | | | | | | | |
| Project Unit 0324: Funding is to maintain and update an information exchange environment to improve transparency of design disclosure and information exchange on past and current investments to support the principle of cross-program reuse, and to provide the tools and leadership for assisting programs through the transition to Naval Open Architecture (OA). The other elements of the OA transformation effort are being realized as management efficiencies within programs. Those elements include ensuring that all naval systems, families of systems, and programs move to modular OA in accordance with Department of Defense (DoD) Instruction 5000.1 dated 12 May 2003 which mandates that all DoD programs utilize open systems architectures to rapidly field affordable and interoperable systems. By direction of the Navy Service Acquisition Executive (SAE), PEO IWS was assigned overall responsibility and authority to direct the Navy's OA effort until that duty transferred to DASN (RDTE) in 2011. The Core OA funding line has remained with PEO IWS. That policy established a need to coordinate acquisition strategies, develop guidance and tools, and develop analysis of alternatives to determine OA software reuse practices within and across the Navy Communities of Interest (COI - Surface, Subsurface, Air, Space, C4I, USMC, and ONR). This project facilitates a strategic shift in the acquisition business process to facilitate cooperative competition in cross-domain/COI business relationships. This improves innovation and economies of scale throughout the Navy and Marine Corps. This leadership effort has identified the business case and potential return on investment for moving the Navy towards an open systems approach, supported the development of open systems technologies, and integrated best business and technical practices for open systems development within Naval acquisition. Naval OA ensures Navy-wide system architectures become extensible and scalable in function, capacity, and workload to meet Joint warfighting requirements. This also includes the identification and development of common software components, functions, reuse methodologies, and extensible product lines. In summary, this funding supports the management of a reuse repository and reuse information exchange portal, and the evolving business, systems engineering, and cultural changes required across all Naval programs as they migrate to function in a Joint, net-centric warfare environment. | | | | | | | | | | | | |

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| Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy | | | | Date: February 2015 | |
| Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy / BA 4: Advanced Component Development & Prototypes (ACD&P) | | R-1 Program Element (Number/Name) PE 0603382N / Advanced Combat Systems Tech | | | |
| B. Program Change Summary (\$ in Millions) | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Previous President's Budget | 1.563 | 1.646 | 1.718 | - | 1.718 |
| Current President's Budget | 1.510 | 1.639 | 1.636 | - | 1.636 |
| Total Adjustments | -0.053 | -0.007 | -0.082 | - | -0.082 |
| • Congressional General Reductions | - | - | | | |
| • Congressional Directed Reductions | - | - | | | |
| • Congressional Rescissions | - | - | | | |
| • Congressional Adds | - | - | | | |
| • Congressional Directed Transfers | - | - | | | |
| • Reprogrammings | - | - | | | |
| • SBIR/STTR Transfer | -0.053 | - | | | |
| • Program Adjustments | - | - | -0.068 | - | -0.068 |
| • Rate/Misc Adjustments | - | -0.007 | -0.014 | - | -0.014 |
| Change Summary Explanation | | | | | |
| The FY 2016 funding request was reduced by \$.068 million to account for the availability of prior year execution balances. | | | | | |

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| Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy | | | | | | | | | | Date: February 2015 | | |
|---|-------------|---------|---------|--------------|--|---------------|---------|---------|---|---------------------|------------------|------------|
| Appropriation/Budget Activity 1319 / 4 | | | | | R-1 Program Element (Number/Name) PE 0603382N / <i>Advanced Combat Systems Tech</i> | | | | Project (Number/Name) 0324 / <i>Adv Combat System Technology</i> | | | |
| COST (\$ in Millions) | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Cost To Complete | Total Cost |
| 0324: <i>Adv Combat System Technology</i> | 62.573 | 1.510 | 1.639 | 1.636 | - | 1.636 | 1.775 | 1.795 | 1.805 | 1.842 | Continuing | Continuing |
| Quantity of RDT&E Articles | | - | - | - | - | - | - | - | - | - | | |

A. Mission Description and Budget Item Justification

Project Unit 0324: Funding is to maintain and update a information exchange environment to improve transparency of design disclosure and information exchange on past and current investments to support the principle of cross-program reuse, and to provide the tools and leadership for assisting programs through the transition to Naval Open Architecture (OA). The other elements of the OA transformation effort are being realized as management efficiencies within programs. Those elements include ensuring that all naval systems, families of systems, and programs move to modular OA in accordance with Department of Defense (DoD) Instruction 5000.1 dated 12 May 2003 which mandates that all DoD programs utilize open systems architectures to rapidly field affordable and interoperable systems. By direction of the Navy Service Acquisition Executive (SAE), PEO IWS was assigned overall responsibility and authority to direct the Navy's OA effort until the duty transferred to DASN (RDTE) in 2011 The Core OA funding line has remained with PEO IWS. That policy established a need to coordinate acquisition strategies, develop guidance and tools, and develop analysis of alternatives to determine OA software reuse practices within and across the Navy Communities of Interest (COI - Surface, Subsurface, Air, Space, C4I, USMC, and ONR). This project facilitates a strategic shift in the acquisition business process to facilitate cooperative competition in cross-domain/COI business relationships. This improves innovation and economies of scale throughout the Navy and Marine Corps. This leadership effort has identified the business case and potential return on investment for moving the Navy towards an open systems approach, supported the development of open systems technologies, and integrated best business and technical practices for open systems development within Naval acquisition. Naval OA ensures Navy-wide system architectures become extensible and scalable in function, capacity, and workload to meet Joint warfighting requirements. This also includes the identification and development of common software components, functions, reuse methodologies, and extensible product lines. In summary, this funding supports the management of a reuse repository and reuse information exchange portal, and the evolving business, systems engineering, and cultural changes required across all Naval programs as they migrate to function in a Joint, net-centric warfare environment.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

| | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Title: Align the Naval Enterprise Across All Domains to Implement OA | 0.257 | 0.272 | 0.292 | - | 0.292 |
| Articles: | - | - | - | - | - |
| FY 2014 Accomplishments: | | | | | |
| Supported the execution of Naval OSA Policy and Strategy, including OSAET meetings for the enterprise (as scheduled) and OSA program reporting requirements. Specifically, this included OSAET reporting of action items to DASN RDT&E, quarterly OSA Reports to Congress via ASN RDA, as well as the annual OSA budget submission and financial reporting for this project. Alignment across the Naval Enterprise also included the development and management of all other activities as DASN RDT&E or ASN RDA directs. The OSA | | | | | |

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| Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy | | | | Date: February 2015 | | |
| Appropriation/Budget Activity 1319 / 4 | | R-1 Program Element (Number/Name) PE 0603382N / Advanced Combat Systems Tech | | Project (Number/Name) 0324 / Adv Combat System Technology | | |
| B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each) | | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| program also successfully completed the execution of another war game using the "Massive Multiplayer Online War Game Leveraging the Internet" (MMOWGLI), to help solve issues surrounding data rights and Intellectual Property in DoD acquisitions. FY 2015 Plans: Establish transition of programs to fully utilize the principles and practices of OA in accordance with the ASN(RDA) approved Naval OSA Strategy of November 2012. Transition the sustainment of the OSA initiative from a unique OA Executive forum to a permanent organization; the Systems Engineering Stakeholders Group. Continue to coordinate and develop the quarterly OA Report to Congress, annual budget submission and financial reporting for this project. By FY-15 the Naval OSA Strategy will need to be revisited and updated to stay current with changes in best practices to include all other activities as the SESG, DASN RDT&E or ASN(RDA) directs. FY 2016 Base Plans: Continue FY2015 Plan in addition to: Implement Enterprise architecture of modular development and maximum reuse. Promote tailor-able open standards relative to Technical Reference Frameworks attributes. FY 2016 OCO Plans: N/A | | | | | | |
| Title: Change the Naval and Marine Corps Cultures to Institutionalize OA Principle Articles: | | 0.302 - | 0.373 - | 0.378 - | - - | 0.378 - |
| FY 2014 Accomplishments: The OSA program enabled the institutional adoption of OSA principles and practices through stakeholder management, communications, mentoring, training, and curriculum adjustment. Key activities included maintenance of Defense Acquisition University (DAU) online OSA training modules, working with DAU to incorporate OSA principles into existing coursework materials, presentation of existing training courses, and participation in symposia and panels to discuss OSA implementation, and using other communication vehicles to promulgate OSA standards and methodologies for inclusion into Naval systems acquisition. FY 2015 Plans: Continue with direct engagement with programs to improve OA principles and practices through stakeholder management, communications, mentoring, training, and curriculum adjustment. Establish and maintain communication and transparency across programs to highlight new opportunities for enterprise product reuse | | | | | | |

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| Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy | | | Date: February 2015 | | | |
| Appropriation/Budget Activity 1319 / 4 | | R-1 Program Element (Number/Name) PE 0603382N / Advanced Combat Systems Tech | | Project (Number/Name) 0324 / Adv Combat System Technology | | |
| B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each) | | | | | | |
| | | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| and improved interoperability. Sustain a strong message to the public and industry on the value of OA for cost-effective management of the acquisition portfolio. | | | | | | |
| FY 2016 Base Plans: Continue with FY2015 Plan in addition to: | | | | | | |
| Adjust funding techniques for cross-Enterprise co-development. Identify best practices and collaborative forums to increase the likelihood of transitioning maturing technology into programs of record. | | | | | | |
| FY 2016 OCO Plans: N/A | | | | | | |
| Title: OA Systems Engineering Leadership | | 0.332 | 0.375 | 0.395 | - | 0.395 |
| Articles: | | - | - | - | - | - |
| FY 2014 Accomplishments: The OSA program supported systems engineering collaboration across the Naval Enterprise to facilitate the fielding of interoperability capabilities, including a) the further alignment of PEO architectures; b) provided guidance for government-to-government coordination of OSA implementation efforts to ensure standardized and disciplined processes, interfaces, and services were utilized; c) worked with the Science and Technology (S&T) community to ensure OSA is being incorporated into emerging technologies; and d) worked with the Test and Evaluation (T&E) community, academia, and industry partners to identify opportunities to reduce T&E expenses through the use of OSA principles and practices. The Core OSA/OSAET continued to work with, and across PEOs to adopt automated test and analysis tools. | | | | | | |
| FY 2015 Plans: Key activities of the third year of the strategy include; inter-program alignment toward the use of common technical frameworks. Establish transition of programs to fully utilize the principles and practices of OA in accordance with the ASN(RDA) approved Naval OSA Strategy of November 2012. Establish collaboration and cooperation incentives, and improve techniques for finding and using modular capabilities. Complete the transformation of oversight and governance of programs that are implementing or have implemented OA principles and practices through mechanisms such as Community of Interest forums, Technical Authority, Technical Warrant Holders and Product DASN engagements. | | | | | | |
| FY 2016 Base Plans: Continue FY2015 Plan in addition to: | | | | | | |

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| Appropriation/Budget Activity 1319 / 4 | | R-1 Program Element (Number/Name) PE 0603382N / Advanced Combat Systems Tech | | Project (Number/Name) 0324 / Adv Combat System Technology | | |
| B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each) | | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Adjust incentives for collaboration and cooperation between programs. Establish reward mechanisms for programs and personnel successful in achieving OSA implementations that rapidly integrate innovation and lower total ownership costs. | | | | | | |
| FY 2016 OCO Plans: N/A | | | | | | |
| Title: Knowledge Products for Implementing OSA | | 0.619 | 0.619 | 0.571 | - | 0.571 |
| Articles: | | - | - | - | - | - |
| FY 2014 Accomplishments: The OSA program worked to improve System Reuse and Business Practices using the following tactics: a) development and refinement of policies, guidance, and terminology establishing a consistent approach for OSA across the Enterprise; b) the development and maintenance of analytical toolsets to assist Milestone Decision Authorities, Program Managers, and Resource Sponsors in assessing program openness and making informed OSA investment decisions; and c) the facilitation of design disclosure, information sharing, and cross domain component reuse to reduce costs and enable more effective technology insertion, including the administration of the OSA Information Exchange Portal hosted at Forge.mil. The Core OSA/OSAET worked with, and across, the PEOs to adopt automated test and analysis tools. | | | | | | |
| FY 2015 Plans: Evolve the Program Managers OSA Workbook and other associated knowledge products to position Naval Programs to take advantage of consistent business and technical practices. Establish collaboration forums so that best practices can be shared so that the OA related knowledge products are kept up to date with the latest innovations being used in program execution. This includes working with outside organizations such as DISA's Forge.mil as well as the Navy's NSERC/NARS environments. Ensure that DAU is addressing training on OSA as directed to them under the Better Buying Power implementation memo that assigns DASN RDT&E the lead for providing baseline information for curriculum development. Continue to develop new training on OA, including deployment of Naval unique training on OA throughout the SYSCOMs and PEOs. | | | | | | |
| FY 2016 Base Plans: Continue FY2015 Plan in addition to: Minimize DAU courses to fill needed knowledge gaps. Establish an OSA mentoring program for acquisition professionals. | | | | | | |
| FY 2016 OCO Plans: | | | | | | |

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| Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy | | | Date: February 2015 | | |
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| B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each) | | | | | |
| | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| N/A | | | | | |
| Accomplishments/Planned Programs Subtotals | 1.510 | 1.639 | 1.636 | - | 1.636 |
| C. Other Program Funding Summary (\$ in Millions) N/A | | | | | |
| Remarks | | | | | |
| D. Acquisition Strategy This risk reduction effort evolved and shifted from a PEO IWS 1.0 task to Naval Surface Warfare Center (NSWC)/Dahlgren to an Assistant Secretary of the Navy, Research, Development & Acquisition (ASN-RDA) directed task to fund the Navy's OA Enterprise effort from this core OA Budget line (policy statement dated 5 August 2004). The strategy was further refined in the Deputy Chief of Naval Operations (DCNO) requirement of 23 December 2005 (N6/7) with guidance for this effort to assist the Milestone Decision Authority (MDA), program managers, and resource sponsors in assessing enterprise program assets where appropriate. Office of the Chief of Naval Operations (OPNAV) has directed this program to provide objective, measurable, performance based assessments as Business Case Analysis (BCA) baselines for future system changes and spiral developments. | | | | | |
| E. Performance Metrics Change Naval Processes and business practices to cost-effectively innovate and deploy improved warfighting capability based on fleet requirements. Provide OA Systems Engineering to field common, interoperable capabilities; Change Navy and Marine Corps Business processes to Institutionalize OA Principles. | | | | | |

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| Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy | | | | | | | | | | | | Date: February 2015 | | | |
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| Appropriation/Budget Activity 1319 / 4 | | | | | | R-1 Program Element (Number/Name) PE 0603382N / <i>Advanced Combat Systems Tech</i> | | | | Project (Number/Name) 0324 / <i>Adv Combat System Technology</i> | | | | | |
| Product Development (\$ in Millions) | | | | FY 2014 | | FY 2015 | | FY 2016 Base | | FY 2016 OCO | | FY 2016 Total | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| SE/OA Domain Support | C/FP | APL/ IET Contract : VARIOUS | 1.388 | 0.619 | Nov 2013 | 0.626 | Nov 2014 | 0.653 | Nov 2015 | - | | 0.653 | - | 3.286 | Continuing |
| Systems Engineering | MIPR | NSWC / Dahlgren : Dahlgren, VA | 12.839 | 0.220 | Nov 2013 | 0.248 | Nov 2014 | 0.261 | Nov 2015 | - | | 0.261 | Continuing | Continuing | Continuing |
| Systems Engineering | WR | NSWC/CRANE, Carderock, DISA : VARIOUS | 2.597 | 0.257 | Dec 2013 | 0.265 | Dec 2014 | 0.210 | Dec 2015 | - | | 0.210 | - | 3.329 | Continuing |
| Systems Engineering | C/CPAF | ASSETT; Lockheed Martin, NJ; Gartner, VA : Washington DC | 5.114 | - | Nov 2013 | - | | - | | - | | - | - | 5.114 | Continuing |
| OA DOMAIN SUPPORT | WR | NUWC/Newport, Spawar, Navair : VARIOUS | 11.931 | - | | - | | - | | - | | - | - | 11.931 | Continuing |
| SE/Signal Processor | C/CPAF | Lockheed Martin : VARIOUS | 6.000 | - | | - | | - | | - | | - | - | 6.000 | Continuing |
| SE/Signal Processor | C/CPAF | BAE : VARIOUS | 0.300 | - | | - | | - | | - | | - | - | 0.300 | Continuing |
| SE/Signal Processor | C/CPAF | Raytheon : VARIOUS | 0.100 | - | | - | | - | | - | | - | - | 0.100 | Continuing |
| SE/Signal Processor | WR | NSWC/DD, NRL, PHD : VARIOUS | 0.600 | - | | - | | - | | - | | - | - | 0.600 | Continuing |
| Subtotal | | | 40.869 | 1.096 | | 1.139 | | 1.124 | | - | | 1.124 | - | - | - |
| Support (\$ in Millions) | | | | FY 2014 | | FY 2015 | | FY 2016 Base | | FY 2016 OCO | | FY 2016 Total | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| Industry Development | C/FP | IBM, ANGLE, TBD (New IET Contract) : VARIOUS | 9.130 | 0.302 | Nov 2013 | 0.373 | Nov 2014 | - | | - | | - | - | 9.805 | Continuing |
| Technical Data-Academia | WR | NPS-Monterey/DAU : MONTEREY, CA | 2.109 | 0.112 | Nov 2013 | 0.127 | Nov 2014 | - | | - | | - | - | 2.348 | Continuing |
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| Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy | | | | | | | | | | | | Date: February 2015 | | | |
| Appropriation/Budget Activity 1319 / 4 | | | | | | R-1 Program Element (Number/Name) PE 0603382N / <i>Advanced Combat Systems Tech</i> | | | | Project (Number/Name) 0324 / <i>Adv Combat System Technology</i> | | | | | |
| Support (\$ in Millions) | | | | FY 2014 | | FY 2015 | | FY 2016 Base | | FY 2016 OCO | | FY 2016 Total | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| Software Development | C/FP | TRIDENT, ASSET : VARIOUS | 0.309 | - | | - | | - | | - | | - | - | 0.309 | Continuing |
| Subtotal | | | 11.548 | 0.414 | | 0.500 | | - | | - | | - | - | 12.462 | - |
| Test and Evaluation (\$ in Millions) | | | | FY 2014 | | FY 2015 | | FY 2016 Base | | FY 2016 OCO | | FY 2016 Total | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| Operational Test & Evaluation | WR | NSWC/DD : DAHLGREN, VA | 2.216 | - | | - | | - | | - | | - | - | 2.216 | Continuing |
| OA Asset Repository (SBIR Account) | WR | Miscellaneous : VARIOUS | 0.150 | - | | - | | - | | - | | - | - | 0.150 | Continuing |
| Subtotal | | | 2.366 | - | | - | | - | | - | | - | - | 2.366 | - |
| Management Services (\$ in Millions) | | | | FY 2014 | | FY 2015 | | FY 2016 Base | | FY 2016 OCO | | FY 2016 Total | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| Program Management Support | C/CPAF | Miscellaneous : VARIOUS | 3.021 | - | | - | | 0.378 | Nov 2015 | - | | 0.378 | Continuing | Continuing | Continuing |
| SBIR Assessment (Cong Add) | WR | NSWC/DD : DAHLGREN, VA | 4.748 | - | | - | | 0.134 | Nov 2015 | - | | 0.134 | - | 4.882 | Continuing |
| DAWDF | TBD | TBD : TBD | 0.021 | - | | - | | - | | - | | - | - | 0.021 | Continuing |
| Subtotal | | | 7.790 | - | | - | | 0.512 | | - | | 0.512 | - | - | - |
| | | | Prior Years | FY 2014 | | FY 2015 | | FY 2016 Base | | FY 2016 OCO | | FY 2016 Total | Cost To Complete | Total Cost | Target Value of Contract |
| Project Cost Totals | | | 62.573 | 1.510 | | 1.639 | | 1.636 | | - | | 1.636 | - | - | - |
| Remarks | | | | | | | | | | | | | | | |

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| Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy | | | Date: February 2015 | | |
| Appropriation/Budget Activity 1319 / 4 | | R-1 Program Element (Number/Name) PE 0603382N / <i>Advanced Combat Systems Tech</i> | | Project (Number/Name) 0324 / <i>Adv Combat System Technology</i> | |

| | FY 2014 | | | | FY 2015 | | | | FY 2016 | | | | FY 2017 | | | | FY 2018 | | | | FY 2019 | | | | FY 2020 | | | |
|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| Proj 0324 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Incorporate OA Principles in Acquisition Strategies and Contracts | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Change Culture through OA Education, Outreach and Training | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conduct Program Assessments | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adapt ONR Technologies | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Publish Contract Guidebook Update | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Host Contracting/Industry Symposium | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deliver Report to Congress | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Host OA Lead Council Meeting | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Exhibit R-4A, RDT&E Schedule Details: PB 2016 Navy | | | Date: February 2015 |
| Appropriation/Budget Activity 1319 / 4 | R-1 Program Element (Number/Name) PE 0603382N / <i>Advanced Combat Systems Tech</i> | Project (Number/Name) 0324 / <i>Adv Combat System Technology</i> | |

Schedule Details

| Events by Sub Project | Start | | End | |
|---|---------|------|---------|------|
| | Quarter | Year | Quarter | Year |
| Proj 0324 | | | | |
| Incorporate OA Principles in Acquisition Strategies and Contracts | 1 | 2014 | 3 | 2018 |
| Change Culture through OA Education, Outreach and Training | 1 | 2014 | 4 | 2018 |
| Conduct Program Assessments | 2 | 2014 | 2 | 2018 |
| Adapt ONR Technologies | 1 | 2014 | 3 | 2018 |
| Publish Contract Guidebook Update | 3 | 2014 | 3 | 2018 |
| Host Contracting/Industry Symposium | 4 | 2014 | 4 | 2018 |
| Deliver Report to Congress | 1 | 2014 | 4 | 2018 |
| Host OA Lead Council Meeting | 1 | 2014 | 4 | 2018 |