Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Navy

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

1319: Research, Development, Test & Evaluation, Navy

PE 0603382N: Advanced Combat Systems Tech

BA 4: Advanced Component Development & Prototypes (ACD&P)

COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	60.121	1.107	1.506	1.570	-	1.570	1.733	1.762	1.793	1.826	Continuing	Continuing
0324: Adv Combat System Technology	60.121	1.107	1.506	1.570	-	1.570	1.733	1.762	1.793	1.826	Continuing	Continuing

MDAP/MAIS Code(s): 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 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 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.

PE 0603382N: Advanced Combat Systems Tech

Navy

Page 1 of 11

<sup>\*</sup>FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Navy

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

1319: Research, Development, Test & Evaluation, Navy

BA 4: Advanced Component Development & Prototypes (ACD&P)

# R-1 ITEM NOMENCLATURE

PE 0603382N: Advanced Combat Systems Tech

B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	1.418	1.506	1.571	-	1.571
Current President's Budget	1.107	1.506	1.570	-	1.570
Total Adjustments	-0.311	0.000	-0.001	-	-0.001
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
<ul> <li>Reprogrammings</li> </ul>	-0.276	0.000			
SBIR/STTR Transfer	-0.035	0.000			
<ul> <li>Rate/Misc Adjustments</li> </ul>	0.000	0.000	-0.001	-	-0.001

# **Change Summary Explanation**

PE 0603382N: Advanced Combat Systems Tech

Technical: Not applicable.

Schedule: Not applicable.

Exhibit R-2A, RD1&E Project Ju	istification:	PB 2014 N	lavy							DAIE: Apr	11 2013	
APPROPRIATION/BUDGET ACT	ΓΙVΙΤΥ				R-1 ITEM	NOMENCL	ATURE		<b>PROJECT</b>			
1319: Research, Development, To	est & Evalua	tion, Navy			PE 060338	32N: <i>Advan</i>	ced Comba	t Systems	0324: Adv	Combat Sy	stem Techn	ology
BA 4: Advanced Component Dev	elopment &	Prototypes	(ACD&P)		Tech							
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
0324: Adv Combat System Technology	60.121	1.107	1.506	1.570	-	1.570	1.733	1.762	1.793	1.826	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0 0 0 0					0		

<sup>\*</sup>FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

Fishibit D.O.A. DDTQF Dusingt Investigations DD 0044 Nove

### 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 2012	FY 2013	FY 2014
Title: Align the Naval Enterprise Across All Domains to Implement OA	0.100	0.150	0.160
Articles:	0	0	0
FY 2012 Accomplishments:			
OA Enterprise Alignment: This funding supports the maintenance and execution of the Naval OA Policy and Strategy, including			
quarterly OAET Lead Council meetings and reporting requirements. Specifically, this includes OAET reporting of action items			
to DASN, quarterly OA Report to Congress, as well as the annual OA budget submission and financial reporting for this project.			
Alignment across the Naval Enterprise also includes the development and management of all other activities as the Lead Council			

PE 0603382N: Advanced Combat Systems Tech

Navy

Page 3 of 11

R-1 Line #33

DATE: Amil 0040

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

	UNCLASSIFIED				
Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy		-	DATE:	April 2013	
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603382N: Advanced Combat Systems Tech	<b>PROJEC</b> 0324: <i>Ac</i>		System Tech	nology
B. Accomplishments/Planned Programs (\$ in Millions, Article Quanti	ities in Each)		Y 2012	FY 2013	FY 2014
directs. Specific goals for FY 12 include development of OA product line OA Handbook.	•	r's			
FY 2013 Plans: OA Enterprise Alignment: This funding supports the maintenance and exequarterly OAET Lead Council meetings and reporting requirements. Spe to DASN, quarterly OA Report to Congress, as well as the annual OA but Alignment across the Naval Enterprise also includes the development and directs.	cifically, this includes OAET reporting of action item dget submission and financial reporting for this proje	s ect.			
FY 2014 Plans: Support the maintenance and execution of the Naval OA Policy and Strat scheduled) and reporting requirements. Specifically, this includes OAET r Reports to Congress via ASN RDA, as well as the annual OA budget sub across the Naval Enterprise also includes the development and managen RDT&E, or ASN RDA directs.	reporting of action items to DASN RDT&E, quarterly omission and financial reporting for this project. Align	ment			
Title: Change the Naval and Marine Corps Cultures to Institutionalize OA		ticles:	0.239 0	0.311 0	0.330 0
FY 2012 Accomplishments:  OA Enterprise Communications and Training: This funding supports the and practices through stakeholder management, communications, and trait to Defense Acquisition University online OA training modules, presentation symposia and panels to discuss OA implementation, and use of other commethodologies for inclusion into Naval systems acquisition.	aining. Key activities include reorganization and upon of existing training courses, and participation in	date			
FY 2013 Plans:  OA Enterprise Communications and Training: This funding supports the and practices through stakeholder management, communications, and training modules, presentation of existing panels to discuss OA implementation, and use of other communication ver for inclusion into Naval systems acquisition.	aining. Key activities include maintenance of Defen g training courses, and participation in symposia and	se d			
FY 2014 Plans: Enable the institutional adoption of OA principles and practices through straining, and curriculum adjustment. Key activities include maintenance of					

PE 0603382N: Advanced Combat Systems Tech Navy UNCLASSIFIED
Page 4 of 11

	UNCLASSIFIED				
Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy			DATE: A	April 2013	
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603382N: Advanced Combat Systems Tech	<b>PROJE</b> ( 0324: <i>A</i> (		System Tech	nology
B. Accomplishments/Planned Programs (\$ in Millions, Article Quant	ities in Each)		FY 2012	FY 2013	FY 2014
modules, working with DAU to incorporate OA principles into existing coucourses, and participation in symposia and panels to discuss OA implementation of the promulgate OA standards and methodologies for inclusion into Naval systems.	entation, and use of other communication vehicles to	o			
Title: OA Systems Engineering Leadership	Art	icles:	0.275 0	0.350 0	0.375 0
FY 2012 Accomplishments:  Systems Engineering: This funding supports systems engineering collab fielding of interoperable capabilities, including a) the further alignment of Warrant Holders who oversee OA implementation efforts to ensure stand services are utilized; c) working with the Science and Technology (S&T) technologies; and d) working with the Test and Evaluation (T&E) communication proportunities to reduce T&E expenses as a result of OA. The Core OA/O automated test and analysis tools.	PEO architectures; b) providing guidance to Technic lardized and disciplined processes, interfaces, and community to ensure OA is incorporated into emerginity, academia, and industry partners to identify	ng			
FY 2013 Plans: Systems Engineering: This funding supports systems engineering collab fielding of interoperable capabilities, including a) the further alignment of Warrant Holders who oversee OA implementation efforts to ensure stand services are utilized; c) working with the Science and Technology (S&T) technologies; and d) working with the Test and Evaluation (T&E) communication opportunities to reduce T&E expenses as a result of OA. The Core OA/O adopt automated test and analysis tools.	PEO architectures; b) providing guidance to Technic lardized and disciplined processes, interfaces, and community to ensure OA is incorporated into emerginity, academia, and industry partners to identify	ng			
FY 2014 Plans: Support systems engineering collaboration across the Naval Enterprise to including a) the further alignment of PEO architectures; b) providing guida implementation efforts to ensure standardized and disciplined processes. Science and Technology (S&T) community to ensure OA is incorporated and Evaluation (T&E) community, academia, and industry partners to ide OA. The Core OA/OAET will continue to work with, and across, the PEOs	ance for government-to-government coordination of , interfaces, and services are utilized; c) working with into emerging technologies; and d) working with the entify opportunities to reduce T&E expenses as a res	n the Test			
Title: Change Naval Processes and Business Practices	Art	icles:	0.493	0.695 0	0.705
FY 2012 Accomplishments:					
		•		·	

PE 0603382N: Advanced Combat Systems Tech Navy UNCLASSIFIED
Page 5 of 11

				UNCLAS	SII ILD						
Exhibit R-2A, RDT&E Project Justific	cation: PB	2014 Navy		·					DATE: A	pril 2013	
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & BA 4: Advanced Component Developm	Evaluation,	•	)&P)		<b>EM NOMEN</b> 03382N: <i>Ad</i>	_	bat Systems	<b>PROJ</b> 0324:	ECT Adv Combat S	System Techi	nology
B. Accomplishments/Planned Progra	ams (\$ in N	lillions, Art	icle Quantit	ies in Each)	<u>1</u>			ſ	FY 2012	FY 2013	FY 2014
Naval Business Practices: This funding and refinement of policies, guidance, at b) the development and maintenance of Resource Sponsors in assessing programmers of design disclosure, information sharing, insertion, including the administration of PEOs to adopt automated test and analysis.	ind terminol of analytical ram openne and cross- of the OA in	ogy required toolsets to ess and mak domain com	d to establish assist Milest sing informed aponent reus	n a consister cone Decision d OA investm se to reduce	nt approach n Authorities nent decisior costs and ei	for OA acros , Program M ns; and c) the nable more e	s the Enterpr anagers, and facilitation of effective techr	ise; I f nology			
FY 2013 Plans: Naval Business Practices: This fundin and refinement of policies, guidance, a b) the development and maintenance of Resource Sponsors in assessing programmers design disclosure, information sharing, insertion, including the administration of across, the PEOs to adopt automated	ind terminol of analytical ram openne and cross- of the OA in	ogy required toolsets to ess and mak domain com formation ex	d to establish assist Milest sing informed aponent reus	n a consister cone Decision d OA investm se to reduce	nt approach n Authorities nent decisior costs and ei	for OA acros , Program M ns; and c) the nable more e	s the Enterpr anagers, and facilitation of effective techr	ise; I f nology			
FY 2014 Plans: Change reuse Naval Business Practice required to establish a consistent approtoolsets to assist Milestone Decision A and making informed OA investment d domain component reuse to reduce conformation Exchange Portal hosted at automated test and analysis tools.	oach for OA uthorities, F ecisions; ar ests and ena	A across the Program Mai and c) the fac able more ef	Enterprise; Inagers, and illitation of defective techn	b) the develo Resource Spesign disclos nology inserti	opment and consors in a ure, information, includin	maintenance ssessing pro tion sharing, g the adminis	e of analytical ogram openne and cross- stration of the	ess e OA			
				Accon	nplishment	s/Planned P	rograms Sul	ototals	1.107	1.506	1.570
C. Other Program Funding Summary	/ (\$ in Millio	ons)	FY 2014	FY 2014	FY 2014			,	,	Cost To	
<u>Line Item</u> • R&D/0604307N /1447: <i>AEGIS</i>	FY 2012 211.968	<b>FY 2013</b> 260.616	Base 237.642	000	<u>Total</u> 237.642	FY 2015 196.584	<u>FY 2016</u> 312.518	<b>FY 201</b> 217.78		Complete Continuing	
Surf Combatant Combat Sys Imp • R&D/0604755N /2178: Ship Self Defense System	68.161	81.106	117.668		117.668	110.893	117.429	75.69		Continuing	

PE 0603382N: Advanced Combat Systems Tech Navy UNCLASSIFIED
Page 6 of 11

Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy		DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

ACT TO REPORT OF THE PROPERTY OF THE PROPERTY

1319: Research, Development, Test & Evaluation, Navy

BA 4: Advanced Component Development & Prototypes (ACD&P)

PE 0603382N: Advanced Combat Systems | 0324: Adv Combat System Technology | Tech

### C. Other Program Funding Summary (\$ in Millions)

			FY 2014	FY 2014	FY 2014					<b>Cost To</b>		
Line Item	FY 2012	FY 2013	<b>Base</b>	OCO	<u>Total</u>	FY 2015	FY 2016	<b>FY 2017</b>	<b>FY 2018</b>	<b>Complete</b>	Total Cost	
• R&D/0603658N /2039:	54.422	56.512	68.496		68.496	66.050	87.815	77.254	78.582	Continuing (	Continuina	

Cooperative Engagement

Capability

#### Remarks

Navy

### 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.

PE 0603382N: Advanced Combat Systems Tech

Page 7 of 11

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy

R-1 ITEM NOMENCLATURE

DATE: April 2013 **PROJECT** 

APPROPRIATION/BUDGET ACTIVITY

1319: Research, Development, Test & Evaluation, Navy

BA 4: Advanced Component Development & Prototypes (ACD&P)

PE 0603382N: Advanced Combat Systems

Tech

0324: Adv Combat System Technology

Product Developmen	nt (\$ in M	illions)		FY 2	2012	FY 2	2013	FY 2 Ba	2014 ise	FY 2		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract
SE/OA Domain Support	C/FP	APL/ IET Contract:VARIOUS	0.725	0.185	Mar 2012	0.750	Nov 2012	0.690	Nov 2013	-		0.690	0.000	2.350	Continuing
Systems Engineering	WR	NSWC / Dahlgren:Dahlgren, VA	12.658	0.010	Jan 2012	0.020	Oct 2012	0.000		-		0.000	Continuing	Continuing	Continuing
Systems Engineering	WR	NSWC/CRANE, Carderock, DISA:VARIOUS	2.062	0.305	Mar 2012	0.200	Dec 2012	0.200	Dec 2013	-		0.200	0.000	2.767	Continuing
Systems Engineering	C/CPAF	ASSETT; Lockheed Martin, NJ; Gartner, VA:Washington DC	4.859	0.255	Feb 2012	0.057	Nov 2012	0.060	Nov 2013	-		0.060	0.000	5.231	Continuing
OA DOMAIN SUPPORT	WR	NUWC/Newport, Spawar, Navair:VARIOUS	11.931	0.000		0.000		0.000		-		0.000	0.000	11.931	Continuing
SE/Signal Processor	C/CPAF	Lockheed Martin:VARIOUS	6.000	0.000		0.000		0.000		-		0.000	0.000	6.000	Continuing
SE/Signal Processor	C/CPAF	BAE:VARIOUS	0.300	0.000		0.000		0.000		-		0.000	0.000	0.300	Continuing
SE/Signal Processor	C/CPAF	Raytheon:VARIOUS	0.100	0.000		0.000		0.000		-		0.000	0.000	0.100	Continuing
SE/Signal Processor	WR	NSWC/DD, NRL, PHD:VARIOUS	0.600	0.000		0.000		0.000		-		0.000	0.000	0.600	Continuing
		Subtotal	39.235	0.755		1.027		0.950		0.000		0.950			

Support (\$ in Millions	s)			FY 2	2012	FY 2	2013	FY 2 Ba	2014 ise	FY 2	2014 CO	FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All 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	8.545	0.292	Aug 2012	0.379	Nov 2012	0.470	Nov 2013	-		0.470	0.000	9.686	Continuing
Technical Data-Academia	WR	NPS-Monterey/ DAU:MONTEREY, CA	1.876	0.060	Feb 2012	0.100	Nov 2012	0.150	Nov 2013	-		0.150	0.000	2.186	Continuing

PE 0603382N: Advanced Combat Systems Tech Navy

**UNCLASSIFIED** Page 8 of 11

UNCLASSIFIED DATE: April 2013 Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy **R-1 ITEM NOMENCLATURE** APPROPRIATION/BUDGET ACTIVITY **PROJECT** 1319: Research, Development, Test & Evaluation, Navy PE 0603382N: Advanced Combat Systems 0324: Adv Combat System Technology BA 4: Advanced Component Development & Prototypes (ACD&P) Tech FY 2014 FY 2014 FY 2014 Support (\$ in Millions) oco FY 2012 FY 2013 Base Total Contract Target Method Performing All Prior Award Award Award Award **Cost To** Total Value of **Cost Category Item** & Type Activity & Location Years Cost Date Date Cost Date Cost Date Complete Cost Contract Cost Cost TRIDENT. Software Development C/FP 0.309 0.000 0.000 0.000 0.000 0.000 0.309 Continuing ASSET: VARIOUS Subtotal 10.730 0.352 0.479 0.620 0.000 0.620 0.000 12.181 FY 2014 FY 2014 FY 2014 Test and Evaluation (\$ in Millions) FY 2012 FY 2013 Base oco Total Contract Target Method Performing All Prior Award Award Award Award **Cost To** Total Value of **Cost Category Item** & Type Activity & Location Years Cost Date Cost Date Cost Date Cost Date Cost Complete Cost Contract Operational Test & NSWC/ WR 0.000 0.000 0.000 0.000 0.000 2.216 Continuing 2.216 Evaluation DD:DAHLGREN. VA OA Asset Repository 0.150 Continuing WR Miscellaneous:VARIOUS 0.150 0.000 0.000 0.000 0.000 0.000 (SBIR Account) Subtotal 2.366 0.000 0.000 0.000 0.000 0.000 0.000 2.366 FY 2014 FY 2014 FY 2014 Management Services (\$ in Millions) oco Total FY 2012 FY 2013 Base Contract Target Method Performing All Prior Award Award Award Award **Cost To** Value of **Total Cost Category Item** & Type Activity & Location Years Cost Date Cost Date Cost Date Cost Date Cost Complete Cost Contract Program Management C/CPAF Miscellaneous: VARIOUS 3.021 0.000 0.000 0.000 0.000 Continuing Continuing Continuing Support SBIR Assessment (Cong NSWC/ WR 4.748 0.000 0.000 0.000 0.000 0.000 4.748 Continuing DD:DAHLGREN. VA Add) DAWDE TBD 0.021 0.000 0.000 0.000 0.021 Continuing TBD:TBD 0.000 0.000 7.790 0.000 0.000 0.000 0.000 0.000 Subtotal Target All Prior FY 2014 FY 2014 FY 2014 **Cost To** Total Value of Years FY 2012 FY 2013 Base oco Total Complete Cost Contract

Remarks

Navy

PE 0603382N: Advanced Combat Systems Tech

**Project Cost Totals** 

60 121

1 107

UNCLASSIFIED
Page 9 of 11

1.506

1 570

R-1 Line #33

0.000

1.570

xhibit R-4, RDT&E Schedu	le Pr	ofile	: PB	2014	Nav	у																D	ATE:	April	2013			
APPROPRIATION/BUDGET 319: Research, Developmen AA 4: Advanced Component I	t, Tes	st & E	Evalu				CD&	.P)			Р					L <b>ATU</b> nced		at Sysi	tems		<b>OJEC</b> 4: <i>Ac</i>		mbat	: Syst	em T	echn	ology	V
Fiscal Year		20	12		2013 2				20	14			20	15			2016	6			20	)17			20	18		
	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	
Acquisition Hilestones																												
ncorporate OAPrinciples in Strategies, Contracts, Reviews, Requirements, & Other Documentation	Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ	
Change Culture through OAEducation, Dutreach, & Training	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ
Conduct Program Assessments		Δ				Δ				Δ				Δ				Δ				Δ						
AdaptONR Technologies	Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ		Δ	
Publish Contact Guidebook Update			Δ								Δ								Δ								Δ	
HostOA Symposium				Δ				Δ				Δ				Δ				Δ				Δ				Δ
Deliver Report to Congress	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	4	Δ	. Д	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	$ \Delta $	Δ	
HostOA Lead Council Meetings		Δ			Δ	Δ		Δ	Δ	Δ	Δ	_	Δ	. 🛆	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ		Δ	

PE 0603382N: Advanced Combat Systems Tech Navy UNCLASSIFIED
Page 10 of 11

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Navy

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

1319: Research, Development, Test & Evaluation, Navy

PE 0603382N: Advanced Combat Systems 0324: Adv Combat System Technology

BA 4: Advanced Component Development & Prototypes (ACD&P)

Tech

# Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 0324		-		
Incorporate OA Principles in Acquisition Strategies and Contracts	1	2012	3	2018
Change Culture through OA Education, Outreach and Training	1	2012	4	2018
Conduct Program Assessments	2	2012	2	2018
Adapt ONR Technologies	1	2012	3	2018
Publish Contract Guidebook Update	3	2012	3	2018
Host Contracting/Industry Symposium	4	2012	4	2018
Deliver Report to Congress	1	2012	4	2018
Host OA Lead Council Meeting	1	2012	4	2018