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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy	Date: February 2015
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Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 4: Advanced Component Development & Prototypes (ACD&P)</i>					R-1 Program Element (Number/Name) PE 0603739N / Navy Logistic Productivity							
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	37.029	3.715	3.473	3.866	-	3.866	3.276	3.274	3.092	3.125	Continuing	Continuing
2955: <i>JEDMICS</i>	35.243	2.801	2.660	2.945	-	2.945	2.340	2.319	2.118	2.130	Continuing	Continuing
3223: <i>Logistics R&D</i>	1.786	0.914	0.813	0.921	-	0.921	0.936	0.955	0.974	0.995	Continuing	Continuing

A. Mission Description and Budget Item Justification

Includes development and evaluation of incentive systems for improving the productivity of civilian and military personnel. Identifies barriers to increased productivity and evaluates the effect of removing them. Develops techniques for easing the introduction of new technology to the work place. Identifies and evaluates methods for improving the quality of work-life.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES because it includes all efforts necessary to evaluate integrated technologies, representative models or prototype systems in a high fidelity and realistic operating environment.

B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	3.847	3.873	3.899	-	3.899
Current President's Budget	3.715	3.473	3.866	-	3.866
Total Adjustments	-0.132	-0.400	-0.033	-	-0.033
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-0.400			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.132	-			
• Rate/Misc Adjustments	-	-	-0.033	-	-0.033

Change Summary Explanation

Technical: Not applicable.

Schedule: Not applicable.

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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 0603739N / Navy Logistic Productivity				Project (Number/Name) 2955 / JEDMICS			
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
2955: JEDMICS	35.243	2.801	2.660	2.945	-	2.945	2.340	2.319	2.118	2.130	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

In FY85 Congress directed the Services and Defense Logistics Agency to permanently capture, manage and control engineering data in digital format so it would be available to support competitive spares re-procurement. The Joint Engineering Data Management Information & Control System (JEDMICS) program manages and controls 100,000,000 engineering images and has 13,000 authorized users responsible for over 77,000 user sessions per month. Over 1.2 million digital images are retrieved each month. New data and new users are added each month as DoD re-engineers its business processes to take advantage of digital data that is managed and controlled for corporate reuse. The JEDMICS system is deployed at 5 interoperable sites that service user locations worldwide. Data stored in JEDMICS is used for Logistics Support, Spares re-procurement, Weapons Systems procurement, Engineering, Maintenance, Distribution, Manufacturing, Air National Guard and Deployed Engineering Technical Services organizations. JEDMICS facilitates work process re-design since it brings the electronic drawings to the desktop, shop floor or flight line in real time eliminating walk, wait and slack time to retrieve drawings. Additionally, Administrative Lead Time, Repair Turn Around Time, Engineering Change Proposal processing time, demilitarization time, and all cycle times dependent on engineering data have decreased with the real time availability of digital engineering data. JEDMICS also facilitates Electronic Commerce since it produces digital technical data packages that can be forwarded along with an electronic order. Funds are for Commercial Off The Shelf (COTS) test, evaluation and integration. JEDMICS development efforts are required to integrate and test COTS upgrades.

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

	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: JEDMICS Development	2.749	2.608	2.893	-	2.893
Articles:	-	-	-	-	-
Description: Conduct development efforts associated with JEDMICS software releases. Conduct COTS requirements definition, evaluation, integration and testing of annual baseline releases. Conduct technology insertion of the JEDMICS system that is required to protect the \$21B digital data asset managed in JEDMICS. These annual releases are necessary to incorporate changes that are essential to keeping the system running within the Navy's Enterprise. They include Service mandated Information Technology changes, storage capability increases for emerging engineering data formats, changes to accommodate commercial hardware and software end-of-life product obsolescence, and defenses for newly recognized Information Assurance vulnerabilities affecting the systems various software applications. FY 2014 Accomplishments: Develop and integrate JEDMICS Software Release 3.0.15. FY 2015 Plans:					

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Appropriation/Budget Activity 1319 / 4		R-1 Program Element (Number/Name) PE 0603739N / Navy Logistic Productivity		Project (Number/Name) 2955 / JEDMICS		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Develop and integrate JEDMICS Software Release 3.0.16. FY 2016 Base Plans: Develop and integrate JEDMICS Software Release 3.0.17. FY 2016 OCO Plans: N/A						
Title: JEDMICS Test Articles: Description: Conduct test and readiness reviews and functional performance tests on JEDMICS system. FY 2014 Accomplishments: Complete DT of JEDMICS Software Release 3.0.14. Initiate DT of JEDMICS Software Release 3.0.15. FY 2015 Plans: Complete DT of JEDMICS Software Release 3.0.15. Initiate DT of JEDMICS Software Release 3.0.16. FY 2016 Base Plans: Complete DT of JEDMICS Software Release 3.0.16. Initiate DT of JEDMICS Software Release 3.0.17. FY 2016 OCO Plans: N/A		0.025 -	0.026 -	0.027 -	- -	0.027 -
Title: JEDMICS Evaluation & Review Articles: Description: Conduct technical evaluations and configuration control reviews of JEDMICS system. FY 2014 Accomplishments: Conduct technical evaluations and reviews for JEDMICS Software Release 3.0.16. FY 2015 Plans: Conduct technical evaluations and reviews for JEDMICS Software Release 3.0.17. FY 2016 Base Plans: Conduct technical evaluations and reviews for JEDMICS Software Release 3.0.18. FY 2016 OCO Plans:		0.027 -	0.026 -	0.025 -	- -	0.025 -

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Appropriation/Budget Activity 1319 / 4		R-1 Program Element (Number/Name) PE 0603739N / Navy Logistic Productivity		Project (Number/Name) 2955 / JEDMICS	
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO
N/A					
Accomplishments/Planned Programs Subtotals		2.801	2.660	2.945	-
C. Other Program Funding Summary (\$ in Millions)					
N/A					
Remarks					
D. Acquisition Strategy					
Execution of sole-source negotiated requirements type contract for engineering, design, development and test efforts. Performance-based reviews conducted quarterly by the Project Management Office.					
E. Performance Metrics					
1. Complete testing, integration, & upgrade of three major embedded Commercial Off-the-Shelf products. 2. Test & integrate system Information Assurance Vulnerability Management software patch upgrades four times. 3. Complete development, testing, & integration of a minimum twenty corrected high-priority software problem reports.					

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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 0603739N / Navy Logistic Productivity				Project (Number/Name) 2955 / JEDMICS					
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
Development Support	C/IDIQ	Wyle Laboratories, Inc : Huntsville, AL	0.863	0.144	Oct 2013	0.147	Oct 2014	0.144	Oct 2015	-		0.144	Continuing	Continuing	Continuing
Software Development	SS/T&M	Northrop Grumman Information : McLean, VA	30.114	2.605	Nov 2013	2.461	Nov 2014	2.749	Nov 2015	-		2.749	Continuing	Continuing	Continuing
Prior Year Support no Longer Funded in Budget Year or Out years	Various	Various : Various	0.216	-		-		-		-		-	-	0.216	-
Subtotal			31.193	2.749		2.608		2.893		-		2.893	-	-	-
Remarks															
Remarks: Funds are for development efforts associated with Commercial Off The Shelf (COTS) obsolescence on the fully deployed COTS Intensive Joint Engineering Data Management Information & Control System. Funds are for COTS evaluation, integration, and test and evaluation. The common baseline will be maintained and obsolete COTS software and hardware will be replaced. Baseline releases will protect joint interoperability, upgrade operating systems for security patches and supportable versions, support integration to replace obsolete COTS, and upgrade the Oracle database to supportable versions.															
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
Developmental Test & Evaluation	MIPR	WR-ALC/TILAB : Robins AFB, GA	2.470	0.025	Oct 2013	0.026	Oct 2014	0.027	Oct 2015	-		0.027	Continuing	Continuing	Continuing
Subtotal			2.470	0.025		0.026		0.027		-		0.027	-	-	-
Remarks															
Supports testing and evaluation of baseline releases in a user environment.															
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	WR	Naval Air Warfare Center : NAS Patuxent River, MD	0.253	0.013	Oct 2013	0.013	Oct 2014	0.014	Oct 2015	-		0.014	Continuing	Continuing	Continuing

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Appropriation/Budget Activity 1319 / 4						R-1 Program Element (Number/Name) PE 0603739N / Navy Logistic Productivity				Project (Number/Name) 2955 / JEDMICS					
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
Travel	Various	Various : Various	0.244	0.014	Jul 2014	0.013	Jul 2015	0.011	Jul 2016	-		0.011	Continuing	Continuing	Continuing
Prior Year Mgmt no Longer Funded in Budget Year or Out years	Various	Various : Various	1.083	-		-		-		-		-	-	1.083	-
Subtotal			1.580	0.027		0.026		0.025		-		0.025	-	-	-
Remarks Supports program compliance reviews and program related travel by government employees.															
			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			35.243	2.801		2.660		2.945		-		2.945	-	-	-
Remarks															

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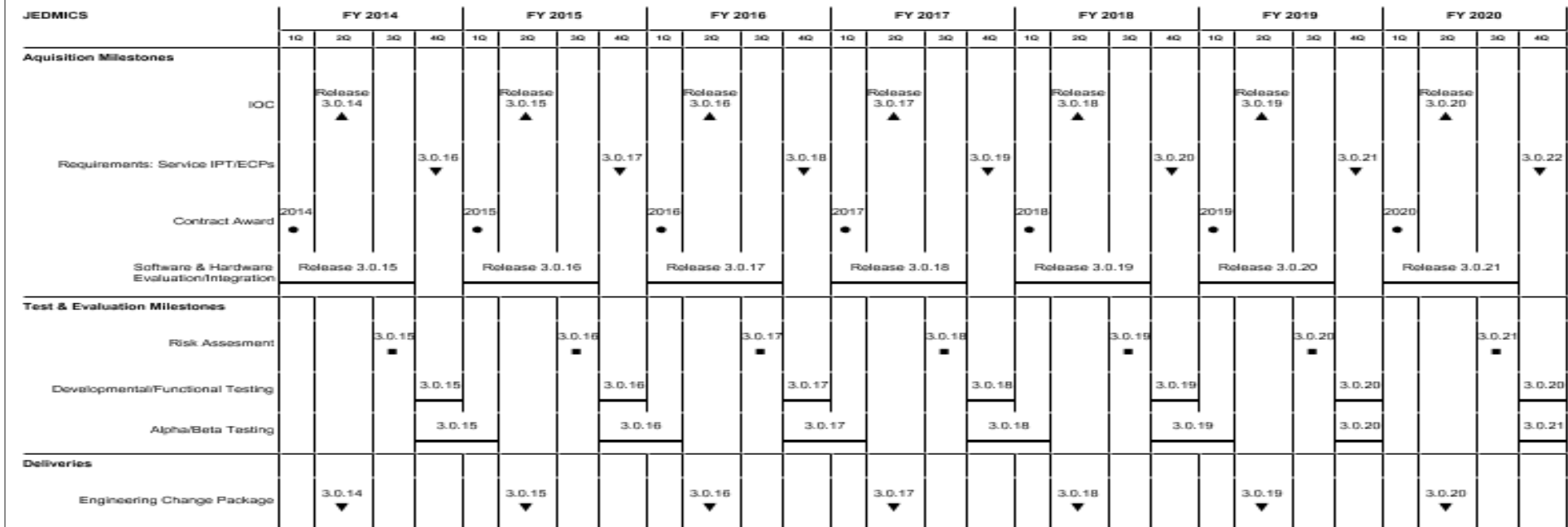
Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy

Date: February 2015

Appropriation/Budget Activity
1319 / 4

R-1 Program Element (Number/Name)
PE 0603739N / Navy Logistic Productivity

Project (Number/Name)
2955 / JEDMICS



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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 0603739N / Navy Logistic Productivity	Project (Number/Name) 2955 / JEDMICS	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
JEDMICS				
Aquisition Milestones: IOC: IOC Release 3.0.14	2	2014	2	2014
Aquisition Milestones: IOC: IOC Release 3.0.15	2	2015	2	2015
Aquisition Milestones: IOC: IOC Release 3.0.16	2	2016	2	2016
Aquisition Milestones: IOC: IOC Release 3.0.17	2	2017	2	2017
Aquisition Milestones: IOC: IOC Release 3.0.18	2	2018	2	2018
Aquisition Milestones: IOC: IOC Release 3.0.19	2	2019	2	2019
Aquisition Milestones: IOC: IOC Release 3.0.20	2	2020	2	2020
Aquisition Milestones: Requirements: Service IPT/ECPs: Service IPT/ECPs Release 3.0.16	4	2014	4	2014
Aquisition Milestones: Requirements: Service IPT/ECPs: Service IPT/ECPs Release 3.0.17	4	2015	4	2015
Aquisition Milestones: Requirements: Service IPT/ECPs: Service IPT/ECPs Release 3.0.18	4	2016	4	2016
Aquisition Milestones: Requirements: Service IPT/ECPs: Service IPT/ECPs Release 3.0.19	4	2017	4	2017
Aquisition Milestones: Requirements: Service IPT/ECPs: Service IPT/ECPs Release 3.0.20	4	2018	4	2018
Aquisition Milestones: Requirements: Service IPT/ECPs: Service IPT/ECPs Release 3.0.21	4	2019	4	2019
Aquisition Milestones: Requirements: Service IPT/ECPs: Service IPT/ECPs Release 3.0.22	4	2020	4	2020
Aquisition Milestones: Contract Award: 2014 Contract Award	1	2014	1	2014
Aquisition Milestones: Contract Award: 2015 Contract Award	1	2015	1	2015
Aquisition Milestones: Contract Award: 2016 Contract Award	1	2016	1	2016

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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 0603739N / Navy Logistic Productivity		Project (Number/Name) 2955 / JEDMICS	
	Start		End	
Events by Sub Project	Quarter	Year	Quarter	Year
Aquisition Milestones: Contract Award: 2017 Contract Award	1	2017	1	2017
Aquisition Milestones: Contract Award: 2018 Contract Award	1	2018	1	2018
Aquisition Milestones: Contract Award: 2019 Contract Award	1	2019	1	2019
Aquisition Milestones: Contract Award: 2020 Contract Award	1	2020	1	2020
Aquisition Milestones: Software & Hardware Evaluation/Integration: Software Hardware Evaluation/Integration Release 3.0.15	1	2014	3	2014
Aquisition Milestones: Software & Hardware Evaluation/Integration: Software Hardware Evaluation/Integration Release 3.0.16	1	2015	3	2015
Aquisition Milestones: Software & Hardware Evaluation/Integration: Software Hardware Evaluation/Integration Release 3.0.17	1	2016	3	2016
Aquisition Milestones: Software & Hardware Evaluation/Integration: Software Hardware Evaluation/Integration Release 3.0.18	1	2017	3	2017
Aquisition Milestones: Software & Hardware Evaluation/Integration: Software Hardware Evaluation/Integration Release 3.0.19	1	2018	3	2018
Aquisition Milestones: Software & Hardware Evaluation/Integration: Software Hardware Evaluation/Integration Release 3.0.20	1	2019	3	2019
Aquisition Milestones: Software & Hardware Evaluation/Integration: Software Hardware Evaluation/Integration Release 3.0.21	1	2020	3	2020
Test & Evaluation Milestones: Risk Assesment: Risk Assessment Release 3.0.15	3	2014	3	2014
Test & Evaluation Milestones: Risk Assesment: Risk Assessment Release 3.0.16	3	2015	3	2015
Test & Evaluation Milestones: Risk Assesment: Risk Assessment Release 3.0.17	3	2016	3	2016
Test & Evaluation Milestones: Risk Assesment: Risk Assessment Release 3.0.18	3	2017	3	2017
Test & Evaluation Milestones: Risk Assesment: Risk Assessment Release 3.0.19	3	2018	3	2018
Test & Evaluation Milestones: Risk Assesment: Risk Assessment Release 3.0.20	3	2019	3	2019
Test & Evaluation Milestones: Risk Assesment: Risk Assessment Release 3.0.21	3	2020	3	2020
Test & Evaluation Milestones: Developmental/Functional Testing: Developmental/Functional Testing Release 3.0.15	4	2014	4	2014

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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 0603739N / Navy Logistic Productivity		Project (Number/Name) 2955 / JEDMICS	
	Start		End	
Events by Sub Project	Quarter	Year	Quarter	Year
Test & Evaluation Milestones: Developmental/Functional Testing: Developmental/Functional Testing Release 3.0.16	4	2015	4	2015
Test & Evaluation Milestones: Developmental/Functional Testing: Developmental/Functional Testing Release 3.0.17	4	2016	4	2016
Test & Evaluation Milestones: Developmental/Functional Testing: Developmental/Functional Testing Release 3.0.18	4	2017	4	2017
Test & Evaluation Milestones: Developmental/Functional Testing: Developmental/Functional Testing Release 3.0.19	4	2018	4	2018
Test & Evaluation Milestones: Developmental/Functional Testing: Developmental/Functional Testing Release 3.0.20	4	2019	4	2019
Test & Evaluation Milestones: Developmental/Functional Testing: Developmental/Functional Testing Release 3.0.21	4	2020	4	2020
Test & Evaluation Milestones: Alpha/Beta Testing: Alpha/Beta Testing Release 3.0.15	4	2014	1	2015
Test & Evaluation Milestones: Alpha/Beta Testing: Alpha/Beta Testing Release 3.0.16	4	2015	1	2016
Test & Evaluation Milestones: Alpha/Beta Testing: Alpha/Beta Testing Release 3.0.17	4	2016	1	2017
Test & Evaluation Milestones: Alpha/Beta Testing: Alpha/Beta Testing Release 3.0.18	4	2017	1	2018
Test & Evaluation Milestones: Alpha/Beta Testing: Alpha/Beta Testing Release 3.0.19	4	2018	1	2019
Test & Evaluation Milestones: Alpha/Beta Testing: Alpha/Beta Testing Release 3.0.20	4	2019	4	2019
Test & Evaluation Milestones: Alpha/Beta Testing: Alpha/Beta Testing Release 3.0.21	4	2020	4	2020
Deliveries: Engineering Change Package: Engineering Change Package Release 3.0.14	2	2014	2	2014
Deliveries: Engineering Change Package: Engineering Change Package Release 3.0.15	2	2015	2	2015
Deliveries: Engineering Change Package: Engineering Change Package Release 3.0.16	2	2016	2	2016
Deliveries: Engineering Change Package: Engineering Change Package Release 3.0.17	2	2017	2	2017
Deliveries: Engineering Change Package: Engineering Change Package Release 3.0.18	2	2018	2	2018

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Navy			Date: February 2015		
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		Start		End	
Events by Sub Project		Quarter	Year	Quarter	Year
Deliveries: Engineering Change Package: Engineering Change Package Release 3.0.19		2	2019	2	2019
Deliveries: Engineering Change Package: Engineering Change Package Release 3.0.20		2	2020	2	2020

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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 0603739N / Navy Logistic Productivity				Project (Number/Name) 3223 / Logistics R&D			
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
3223: Logistics R&D	1.786	0.914	0.813	0.921	-	0.921	0.936	0.955	0.974	0.995	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Stable annual funding is required to facilitate implementation and execution of a robust, flexible Logistics R&D program that will provide the means for Naval Supply Systems Command (NAVSUP) to effectively pursue solutions to mission-related capability and technology gaps. The NAVSUP Logistics R&D program has an established infrastructure and business process for ensuring that R&D funds are applied to projects that address high priority enterprise needs established in accordance with OPNAV goals and the NAVSUP Commander's Guidance.

From a process perspective, Logistics R&D investments are governed by a NAVSUP enterprise-wide Executive Steering Group (ESG) chaired by the NAVSUP Vice Commander, and comprised of SES and Command leadership representatives. The ESG ratifies capability and technology gaps identified by all activities within the enterprise, and then assesses and prioritizes all proposed Logistics R&D initiatives in accordance with their potential for filling the established gap and generating return on investment.

The established Logistics R&D business management process has currently identified capability/technology gaps in the following general areas: 1) the need to develop formalized energy management techniques that focus on energy and resource conservation; increased energy efficiency of new and existing systems and facilities; and increased use of alternative energy products, 2) the need to modernize quality of life (QOL) services to improve overall services, offer additional desired features and reduce total ownership costs, 3) the need to assess clothing protection for the warfighter in areas of thermal/flame threats, protective footwear, and physical (hearing, vibration, etc.) clothing/accessories, 4) the need to develop logistics data access and information sharing through enhanced Graphical User Interfaces (GUI) and web-based data services, 5) the need to develop a capability that allows Integrated Logistics Support (ILS) repair and modernization tools, 6) the need to leverage breakthrough technologies to improve supply chain processing. This modest R&D investment will establish a NAVSUP Logistics R&D Program to explore additional technologies and significantly increase potential cost savings.

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

	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: Energy Management Techniques	-	-	0.102	-	0.102
Articles:	-	-	-	-	-
Description: Formalized energy management requires two distinct pieces: 1) installation efforts and 2) alternative fuel efforts. Energy generation options and the availability of energy management techniques are required.					
FY 2014 Accomplishments:					

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Appropriation/Budget Activity 1319 / 4		R-1 Program Element (Number/Name) PE 0603739N / Navy Logistic Productivity		Project (Number/Name) 3223 / Logistics R&D		
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						
FY 2015 Plans: N/A						
FY 2016 Base Plans: Technologies that will increase recycling, improve electronics stewardship, increase energy usage awareness (e.g. electricity metering), assist in lifetime energy cost evaluations of contracts, promote "green" behavior, improve efficiency and performance of alternative energy sources, analyze and identify personnel and building energy reduction initiatives, and reduce overall petroleum dependency in all aspects of Navy logistics.						
FY 2016 OCO Plans: N/A						
Title: Quality of Life Services Modernization & Cost Reduction		-	0.813	0.122	-	0.122
Articles:		-	-	-	-	-
Description: NAVSUP Quality of Life (QOL) services include subsistence, retail, postal, laundry, vending, barber shop, household goods and disbursing/Navy Cash. In many cases, these services are inefficient, costly to operate, and lack easy access to comprehensive information required to make informed management decisions impacting execution of routine supporting business processes.						
FY 2014 Accomplishments: N/A						
FY 2015 Plans: Enhancing the data integration of subsistence, retail, postal, laundry, vending, barbershop, household goods and disbursing/Navy Cash that will improve services and reduce total ownership costs.						
CACPAY is being developed an innovative cashless payment system being developed to replace the legacy Navy Cash system. CACPAY provides the required onboard functions and leverages commercially available capabilities to eliminate the use of Government contracted bank support, Stored Value Cards, and an onboard near full-time bank agent and system administrator (Disbursing Officer). CACPAY allows utilization of shore support (provided by NAVSUP Global Logistics Support) to facilitate fiduciary responsibilities with DFAS through the applicable Personnel Support Detachment.						
FY 2016 Base Plans:						

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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
Enhancing data integration of subsistence, retail, postal, laundry, vending, barbershop, household goods and disbursing/Navy Cash to offer additional desired features (such as those which would improve supporting information systems, security, health, etc.) and reduce total ownership costs.						
FY 2016 OCO Plans: N/A						
Title: Readiness through Logistics Solutions		0.475	-	0.153	-	0.153
Articles:		-	-	-	-	-
Description: Supply chain improvements are required to support logistics efficiency and Fleet readiness through logistics solution technological improvements.						
FY 2014 Accomplishments: Enhance the Cross Domain Service (CDS) project that will develop, test, and field a cross domain service to support the transfer of unclassified transportation planning information to and from the TET prototype.						
The LifeCycle-ONE project is continuing the expansion of the current systems algorithms and data table sets to support O&S cost calculations for more Navy systems.						
FY 2015 Plans: N/A						
FY 2016 Base Plans: Develop technological capabilities that improve naval logistics in part or in its entirety (throughout its life-cycle, from concept to completion "cradle to grave") of a DoD/ DON acquisition program of record (from manufacture, storage, delivery, use, maintenance, and disposal).						
FY 2016 OCO Plans: N/A						
Title: Logistics Data Access and Information Sharing		0.060	-	0.062	-	0.062
Articles:		-	-	-	-	-
Description: Numerous electronic information technology (IT) systems exist that contain logistics data and information. Very often that data/information can be difficult to: 1) access by individual users, and 2) share between other IT systems. The lack of access and sharing results in inefficient processes and manual work-arounds which impede performance and increase cost.						

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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
FY 2014 Accomplishments: The Electronic Tooling Management System (eTIMS) application provides specific upgrade to a graphical user interface (GUI) that will provide new efficiencies in the way the application processes data and presents it to the user. Specific deliverables will be "single-window" presentation GUI, background processing improvements, and compatibility with new operating systems and browsers used by a variety of customers, both governmental and commercial.						
FY 2015 Plans: N/A						
FY 2016 Base Plans: Capabilities to facilitate improved access and use of logistics data by both individual users and between IT systems. Capabilities include, but are not limited to, enhanced Graphical User Interfaces (GUI) and web-based data services and other community-based software tools and technologies that can enable broader exposure and sharing of logistics data based on customer requirements for data representation, metadata, format and delivery.						
FY 2016 OCO Plans: N/A						
Title: Breakthrough Technologies to Improve Supply Chain Processing		0.157	-	0.208	-	0.208
Articles:		-	-	-	-	-
Description: There is a distinct need within the DoN to enhance operational fleet readiness, reduce energy consumption, and reduce total ownership costs. Identify opportunities for using breakthrough technologies that will enhance operational fleet readiness, reduce energy consumption, and enable parts on demand manufacturing by defining the Warfighter Payoff and enhanced naval capabilities. Additive Manufacturing (AM) is a technology that is capable of helping the DoN achieve these goals through tighter integration of the maintenance/supply order fulfillment process. The term "additive manufacturing" describes processes that build three dimensional objects layer by layer from a variety of materials including plastics and structural metals.						
FY 2014 Accomplishments: Forward Deployed Additive Manufacturing Hub: Build a scope of effort to advance NAVSUP interests in Additive Manufacturing related to intellectual property rules and sharing of proprietary data as well as developing a strategy for shared database storage.						
FY 2015 Plans:						

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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 0603739N / Navy Logistic Productivity		Project (Number/Name) 3223 / Logistics R&D		
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						
FY 2016 Base Plans: Efforts of interest will continue to focus on assessing opportunities for use of AM technology in Order Fulfillment through timely insertion of AM technology into naval platforms and installations.						
FY 2016 OCO Plans: N/A						
Title: Clothing Protection for the Warfighter		0.222	-	0.274	-	0.274
Articles:		-	-	-	-	-
Description: Uniforms/protective clothing do not provide adequate protection for the Warfighter in the areas of 1) thermal/flame threats, 2) protective footwear as well as environmental (hot/cold weather, rain, etc.) and 3) physical (hearing, vibration, blunt force, etc.) clothing/accessories. A capability to assess commercial off-the-shelf (COTS) items, identify/develop laboratory test methods to determine applicability of COTS items and address quality assurance measures to allow upgrades to uniform/protective clothing capabilities in a cost effective manner. Enhanced capabilities are required in these areas to make the workforce more efficient.						
FY 2014 Accomplishments: The Arc Flash Test Method Development is crucial since the Navy does not have the capability. Due to the complex non-linear response of materials when exposed to flames/high heat flux, it is important that testing of the Warfighter's uniform and protective equipment use methods which are realistic to the threat.						
Recycled Fibers Use in Navy Uniform Study will investigate the benefits and impact of using recycled fibers/ yarns in the manufacturing processes and production of Navy Uniforms.						
The Improved Personal Protective Ensemble (PPE) for Welders is a feasibility analysis to quantify the requirements of the ensemble and identify Commercial-Off-The-Shelf (COTS) items meeting the requirements and providing recommendations to the end-user community.						
FY 2015 Plans: N/A						
FY 2016 Base Plans: Capabilities to accurately identify the US Navy fit and define the proper "concept of fit" requirement to streamline the uniform issue process, allow the sailor to purchase an off the rack uniform without costly alternations and						

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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 0603739N / Navy Logistic Productivity		Project (Number/Name) 3223 / Logistics R&D	
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)					
	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
enhance uniform size forecasting - resulting in having the "needed" sizes in stock. Utilization of "virtual fit" processes will greatly improve the entire uniform management process (ordering, distribution and inventory management).					
FY 2016 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	0.914	0.813	0.921	-	0.921
C. Other Program Funding Summary (\$ in Millions) N/A					
Remarks					
D. Acquisition Strategy NAVSUP R&D executed through firm fixed price negotiated contracts and NAVSUP support. Performance-based reviews conducted quarterly by the Project Management Office.					
E. Performance Metrics Development of capability and technology gaps initiatives are monitored quarterly by the NAVSUP R&D Program Management Office.					

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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 0603739N / Navy Logistic Productivity				Project (Number/Name) 3223 / Logistics R&D					
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
Navy Log Productivity Projects	Various	Various : Various	1.786	-		-		-		-		-	Continuing	Continuing	Continuing
Energy Management Techniques	C/BA	TBD : TBD	0.000	-		-		0.102	Apr 2016	-		0.102	-	0.102	-
Quality of Life Services Modernization & Cost Reduction	C/BA	Harmonia : Blacksburg, VA	0.000	-		0.813	Apr 2015	0.122	Apr 2016	-		0.122	-	0.935	-
Readiness through Logistics Solutions	C/BA	Gryphon Corporation / ARL Omnibus : Norfolk VA	0.000	0.475	Apr 2014	-		0.153	Apr 2016	-		0.153	-	0.628	-
Breakthrough Technologies to Improve Supply Chain Processing	C/BA	TBD : Norfolk VA	0.000	0.157	Jun 2015	-		0.208	Apr 2016	-		0.208	-	0.365	-
Clothing Protection for the Warfighter	C/BA	NCTRF : Natick,MA	0.000	0.222	Apr 2014	-		0.274	Apr 2016	-		0.274	-	0.496	-
Logistics Data Access and Information Sharing	C/BA	Lexes Associates : Mechanicsburg, PA	0.000	0.060	Apr 2014	-		0.062	Apr 2016	-		0.062	-	0.122	-
Subtotal			1.786	0.914		0.813		0.921		-		0.921	-	-	-
Remarks Energy Management Techniques - 1) Life-Cycle ONE - \$175k/contract/Washington,DC 2) Cross Domain Services - \$300k - contract - Norfolk, VA Logistics Data Access and Information Sharing - eTIMS Application - \$60k/contract award/WSS/N62-MECH, PA Breakthrough Technologies to Improve Supply Chain Processing - Deployed Additive Mfg Hub - \$157k/contract/Mechanicsburg, PA Clothing Protection for the Warfighter - 1) Recycled Fibers - \$138k/contract/NATICK, MA 2) Improved PPE for Welders - \$84k/contract/NATICK, MA															
			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			1.786	0.914		0.813		0.921		-		0.921	-	-	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy	Date: February 2015
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Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0603739N / Navy Logistic Productivity	Project (Number/Name) 3223 / Logistics R&D
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	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 3223																												
Logistics R&D: Navy Logistics Productivity Development Testing FY2014																												
Logistics R&D: Navy Logistics Productivity Development Testing FY2015																												
Logistics R&D: Navy Logistics Productivity Development Testing FY2016																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Navy	Date: February 2015
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Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0603739N / <i>Navy Logistic Productivity</i>	Project (Number/Name) 3223 / <i>Logistics R&D</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 3223</i>				
Logistics R&D: Navy Logistics Productivity Development Testing FY2014	1	2014	1	2015
Logistics R&D: Navy Logistics Productivity Development Testing FY2015	1	2014	1	2016
Logistics R&D: Navy Logistics Productivity Development Testing FY2016	1	2014	1	2017