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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Navy										Date: March 2014		
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy I BA 4: Advanced Component Development & Prototypes (ACD&P)					R-1 Program Element (Number/Name) PE 0603739N I Navy Logistic Productivity							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	33.577	3.452	3.847	3.873	-	3.873	3.899	3.313	3.305	3.115	Continuing	Continuing
2955: JEDMICS	32.682	2.561	2.899	2.961	-	2.961	2.971	2.369	2.344	2.136	Continuing	Continuing
3223: Logistics R&D	0.895	0.891	0.948	0.912	-	0.912	0.928	0.944	0.961	0.979	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

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 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	3.811	5.797	3.874	-	3.874
Current President's Budget	3.452	3.847	3.873	-	3.873
Total Adjustments	-0.359	-1.950	-0.001	-	-0.001
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-1.950			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.120	-			
• Rate/Misc Adjustments	-	-	-0.001	-	-0.001
• Congressional General Reductions Adjustments	-0.239	-	-	-	-

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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 / <i>Navy Logistic Productivity</i>
<u>Change Summary Explanation</u> Technical: Not applicable. Schedule: Not applicable.		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy										Date: March 2014		
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 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
2955: JEDMICS	32.682	2.561	2.899	2.961	-	2.961	2.971	2.369	2.344	2.136	Continuing	Continuing
Quantity of RDT&E Articles	0.000	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

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 106,000,000 engineering images and has 25,000 authorized users responsible for over 70,000 user sessions per month. Over 1.5 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 6 interoperable sites that service 600 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 2013	FY 2014	FY 2015
Title: JEDMICS Development	2.501	2.847	2.909
Articles:	-	-	-
<p>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.</p> <p>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.</p> <p>FY 2013 Accomplishments: Develop and integrate JEDMICS Software Release 3.0.14.</p> <p>FY 2014 Plans:</p>			

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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 2013	FY 2014
Develop and integrate JEDMICS Software Release 3.0.15.			
FY 2015 Plans: Develop and integrate JEDMICS Software Release 3.0.16.			
Title: JEDMICS Test		0.025	0.025
Articles:		-	-
Description: Conduct test and readiness reviews and functional performance tests on JEDMICS system.			
FY 2013 Accomplishments: Complete DT of JEDMICS Software Release 3.0.13. Initiate DT of JEDMICS Software Release 3.0.14.			
FY 2014 Plans: 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.			
Title: JEDMICS Evaluation & Review		0.035	0.027
Articles:		-	-
Description: Conduct technical evaluations and configuration control reviews of JEDMICS system.			
FY 2013 Accomplishments: Conduct technical evaluations and reviews for JEDMICS Software Release 3.0.15.			
FY 2014 Plans: 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.			
Accomplishments/Planned Programs Subtotals		2.561	2.899
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			

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<u>D. Acquisition Strategy</u> 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.		
<u>E. Performance Metrics</u> <ol style="list-style-type: none">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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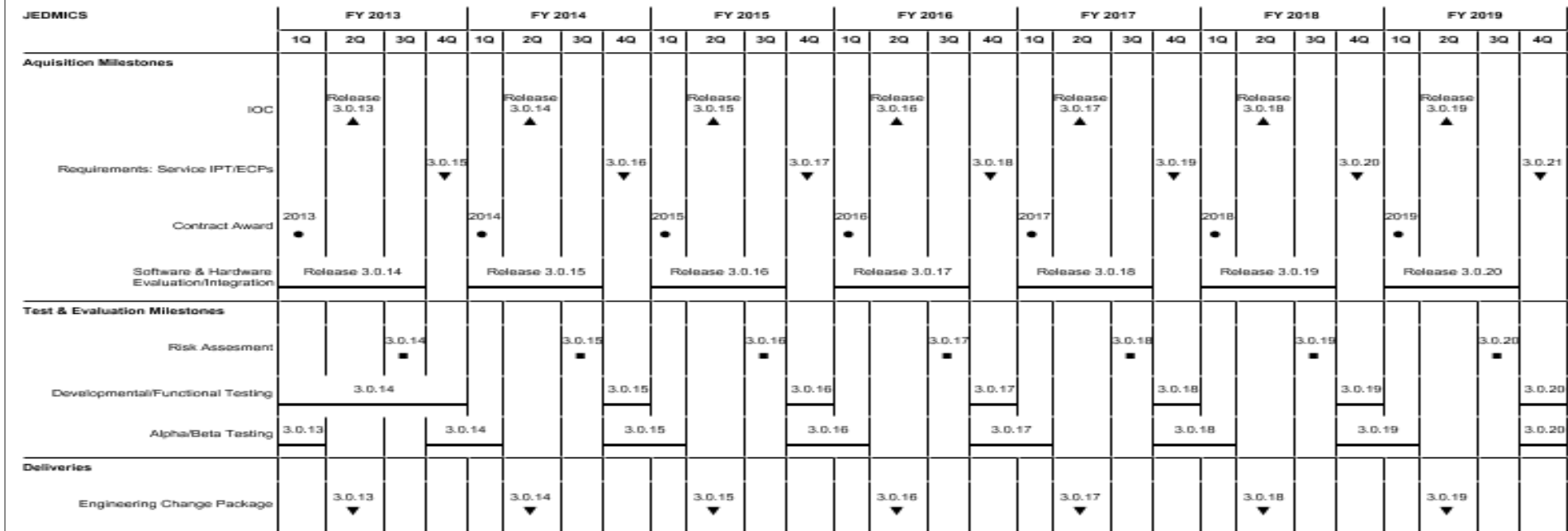
Exhibit R-4, RDT&E Schedule Profile: PB 2015 Navy

Date: March 2014

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-2A, RDT&E Project Justification: PB 2015 Navy										Date: March 2014		
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 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
3223: Logistics R&D	0.895	0.891	0.948	0.912	-	0.912	0.928	0.944	0.961	0.979	Continuing	Continuing
Quantity of RDT&E Articles	0.000	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
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/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, Log 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/technology gaps identified by all activities within the enterprise, and then assesses and prioritizes all proposed Log R&D initiatives in accordance with their potential for filling the established gap and generating return on investment.												
The established Log R&D business management process has currently identified capability/technology gaps in the following general areas: 1) the need to develop technology enhancements promoting the movement of shipboard supply operations ashore, especially as it relates to optimally manned ships, 2) developing and/or modernizing shipboard equipment, material or processes for which NAVSUP exercises Technical Authority, 3) developing and modernizing Information Technology (IT) and Automatic Identification Technology (AIT) applications to enhance performance of supply chain management and logistics functions (e.g., remote diagnostics/prognostics, in-transit visibility, unique item identification) that are not supported by Navy ERP, and 4) collaborating with acquisition program managers to reduce total ownership costs. This modest R&D investment will establish a NAVSUP Logistics R&D Program to explore additional technologies and significantly increase potential cost savings.												
Examples of specific issues/projects that are under consideration for investment of Log R&D funding as a result of the FY10 NAVSUP capability gap and initiative review include: Automated inventory management system; Shipboard ozone laundering; Improved general purpose protective equipment (helmet protection and anti-vibration gloves); Non-plastic waste bags; Counterfeit parts detection methodology; Afloat automatic identification technology architecture.												
This list of potential projects for addressing capability gaps will be updated and prioritized over time, under the oversight of the NAVSUP Log R&D ESG, to ensure that funds allocated provide the highest return on investment consistent with Navy/NAVSUP goals and objectives.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2013	FY 2014	FY 2015	
Title: Ammo Perfect Order Creation Module (APOCM)									0.175	-	-	
									Articles: -	-	-	

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2013	FY 2014	FY 2015
FY 2013 Accomplishments: Enhanced the Ordinance Information Systems (OIS) ability to automatically process requisitions based on demand signals. Created a process of perfect order fulfillment to ordannce supply chain that did not previously exist.					
FY 2014 Plans: N/A					
FY 2015 Plans: N/A					
Title: Enhanced TET CDF			0.300	0.300	-
Articles:			-	-	-
FY 2013 Accomplishments: Worked with the Department of Energy and DISA to identify, prototype and test tools that will enable tranfer of FACTS (Financial and Air Clearance Transportation System) transportation schedules and financial data to the SIPR TET (Transportation Exploration Tool).					
FY 2014 Plans: The CDS (DISA Cross Domain Management) will bridge between the unclassified FACTS TET module and the SIPR TET (Transportation Exploration Tool) to allow unclassified schedule data from IGC, the Coast Guard, Navy (JALIS), Marine Corps, and commercial providers as well as financial data from FACTS to be consumed for use in development of transportation solutions in STET (SIPR TET).					
FY 2015 Plans: N/A					
Title: Philadelphia STEM Educational Training			0.060	-	-
Articles:			-	-	-
FY 2013 Accomplishments: Supported STEM Educational Training efforts					
FY 2014 Plans: N/A					
FY 2015 Plans: N/A					
Title: Abrasive Blasting Personal Ensemble (PPE)			0.100	-	-
Articles:			-	-	-

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2013	FY 2014	FY 2015
<i>FY 2013 Accomplishments:</i> Analyzed the deficiencies of the current abrasive blasting personal protective ensembles (AB-PPE) and identified commercial-off-the-shelf (COTS) materials/designs to provide a reusable blasting ensemble with improved protection and reduced thermal burden.					
<i>FY 2014 Plans:</i> N/A					
<i>FY 2015 Plans:</i> N/A					
<i>Title:</i> LEED - Warehouse Study			0.256	-	-
<i>Articles:</i>			-	-	-
<i>FY 2013 Accomplishments:</i> Comprehensive study was developed to determine the most efficient means to a new Automated Mega Warehouse with rail operations.					
<i>FY 2014 Plans:</i> N/A					
<i>FY 2015 Plans:</i> N/A					
<i>Title:</i> eTIMS Application			-	0.060	-
<i>Articles:</i>			-	-	-
<i>Description:</i> Projects for increasing Navy Logistics Productivity					
<i>FY 2013 Accomplishments:</i> N/A					
<i>FY 2014 Plans:</i> Share the development cost of upgrading the Enhanced Technical Information Management Systems (eTims) front-end Web-based GUI with the USAF. The specific upgrade will provide new efficiencies in the way the application processes data and presents it to the user. Specific deliverables will be "single-window" presentation graphical user interface (GUI), background processing improvements, and compatibility with new operating systems and browsers used by a variety of customers, both governmental and commercial.					
<i>FY 2015 Plans:</i>					

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2013	FY 2014	FY 2015
N/A					
Title: Readiness through Logistics Solutions			-	0.200	0.200
Articles:			-	-	-
FY 2013 Accomplishments: N/A					
FY 2014 Plans: Any technological capability improving naval logistics in part or in its entirety... Through 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 2015 Plans: Any technological capability improving naval logistics in part or in its entirety... Through 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).					
Title: Logistics Data Access and Information Sharing			-	-	0.212
Articles:			-	-	-
FY 2013 Accomplishments: N/A					
FY 2014 Plans: N/A					
FY 2015 Plans: Capability to facilitate improved access and use of logistics data by both individual users and between IT systems. Capability includes, but is 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.					
Title: LifeCycle-ONE			-	0.165	-
Articles:			-	-	-
FY 2013 Accomplishments: N/A					
FY 2014 Plans:					

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2013	FY 2014	FY 2015
Continue development of a capability that will provide Program Managers with indicators that quantify the impact of Reliability, Availability, and Maintainability (RAM) cost drivers on their program's O&-S costs.					
FY 2015 Plans: N/A					
Title: Clothing Protection for the War Fighter			-	0.223	0.500
Articles:			-	-	-
FY 2013 Accomplishments: N/A					
FY 2014 Plans: 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 the areas of thermal/flame threats, protective footwear as well as environmental and physical protection. A capability to correlate current material technologies and manufacturing processes with potential advanced technologies is required to mitigate costly/antiquated uniforms and manufacturing costs, work uniform category specifically. A capability to accurately identify the US Navy fit and define the proper "concept of fit" is required to streamline the uniform issue process, allow the sailor to purchase an off the rack uniform without costly alterations and 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.					
FY 2015 Plans: 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 the areas of thermal/flame threats, protective footwear as well as environmental and physical protection. A capability to correlate current material technologies and manufacturing processes with potential advanced technologies is required to mitigate costly/antiquated uniforms and manufacturing costs, work uniform category specifically. A capability to accurately identify the US Navy fit and define the proper "concept of fit" is required to streamline the uniform issue process, allow the sailor to purchase an off the rack uniform without costly alterations and 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.					
Accomplishments/Planned Programs Subtotals			0.891	0.948	0.912
C. Other Program Funding Summary (\$ in Millions)					
N/A					

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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
C. Other Program Funding Summary (\$ in Millions)		
Remarks		
D. Acquisition Strategy		
<p>Ammo Perfect Order Creation Module (APOCM): This initiative will enhance the Ordnance Information Systems (OIS) ability to automatically process requisitions based on valid demand signals. APOCM will provide the integration of validated Fleet requirements, asset availability data and geographic location data relative to the load out point to automatically generate referral actions to ammunition stock points. APOCM will exploit the capabilities of the Global Ammunition Strategic Positioning Model (GASPM) and bring a level of perfect order fulfillment to the ordnance supply chain not realized to date.</p> <p>Enhanced TET CDF: Continue work with DOE and the DISA Cross Domain Management Office to identify, prototype & test tools that will enable transfer of FACTS unclassified transportation schedules and financial data to the SIPR TET for development of multimodal transportation solutions.</p> <p>Philadelphia STEM Educational Training: Funding provides new STEM initiatives to include: Logistics, Acquisition and Supply Systems Operations (LASSO) Summer Camps. Mobile Applications Programming Class: Students learn to program mobile applications for cell phones.</p> <p>Abrasive Blasting Personal Ensemble (PPE): Analyze the deficiencies of the current abrasive blasting personal protective ensembles (AB-PPE) and identify commercial-off-the-shelf (COTS) materials/design to provide reusable blasting ensemble with improved protection and reduced thermal burden.</p> <p>LEED - Warehouse Study: A comprehensive AE study will be developed to determine the most efficient means to a new automated Mega Warehouse with rail operations. The study will include alternatives, concepts, energy/green technology and equipment integration plan, detailed design scope of work cost estimates for each alternative and recommendation for most effective execution plan.</p>		
E. Performance Metrics		
TBD		

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Navy

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