EXHIBIT R-2, RDT&E Budget Item Justification				DATE: February 2006			
APPROPRIATION/BUDGET ACTIVITY **RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-4**				R-1 ITEM NOMENCLATURE 0603739N Navy Logistic Productivity			
COST ($ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE0603739N Cost	19.727	20.575	6.306	3.641	2.906	3.042	3.180
2920 Ordnance Management	5.072	5.841	3.674	0.941			
2955 JEDMICS	2.859	2.934	2.632	2.700	2.906	3.042	3.180
9999 Congressional Adds	11.796	11.800					

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

2920 Ordnance Management - Covers the conversion of Naval Ammunition Logistics Center (NALC) systems to the Ordnance Information Systems(OIS).

2955 JEDMICS - 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 67,000,000 engineering images and has 41,000 authorized users responsible for over 70,000 user sessions per month. Over 2.5 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 21 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 its 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, ECP 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.

9999 - Congressional Adds

Exhibit R-2 RDTEN Budget Item Justification
(Exhibit R-2, Page 1 of 22)

EXHIBIT R-2a, RDT&E Project Justification		DATE: February 2006					
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-4**	PROGRAM ELEMENT NUMBER AND NAM 0603739N Navy Logistic Productivity	PROJECT NUMBER AND NAME 2920 Ordnance Management					
COST ($ in Millions)		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Project Cost		**5.072**	**5.841**	**3.674**	**0.941**	**0.000**	**0.000**	**0.000**
RDT&E Articles Qty								

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

     Naval Operational Logistics Support Center(NOLSC) systems conversion to the Ordnance Information Systems(OIS): The OIS is an umbrella concept that integrates approximately 12 different functions that are currently produced by "stove-pipe" systems. OIS is an integrated suite of tools that uses the latest available information technology and best commercial practices to provide timely, relevant and accurate ordnance information and global ordnance visibility. It integrates wholesale, retail, and unique ordnance decision support systems to facilitate global ordnance positioning and information sharing across the DoN ordnance community to maximize warfighter support. Without a robust ordnance information system, the Navy and Marine Corps Aviation's ability to prevail in combat is jeopardized. This degradation will increase exponentially in the joint environment and the RDT&E initiatives listed herein are designed to ensure maximum Information Technology(IT) capability.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification		DATE: February 2006
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-4**	PROGRAM ELEMENT NUMBER AND NAME 0603739N Navy Logistic Productivity	PROJECT NUMBER AND NAME 2920 Ordnance Management

B. Accomplishments/Planned Program

	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	5.072		
RDT&E Articles Quantity			

NALC plans to use a combination of software development, training development, and configuration management for the following OIS systems: Ammunition Investment Model (AIM) , Packaging, Handling, Storage & Transportation (PHS&T), Exercise Planning, Fleet Readiness, etc.

	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost		5.841	
RDT&E Articles Quantity			

NALC plans to use a combination of software development, training development, and configuration management for the following OIS systems: PHS&T, Joint Sentencing Toolkit, Weapons Maintenance Support, Explosive Safety, etc.

	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost			3.674
RDT&E Articles Quantity			

NALC plans to use a combination of software development, training development, and configuration management for the following systems: PHS&T, Production / Industrial Base Support and Weapons Allocation Capability.

Exhibit R-2 RDTEN Budget Item Justification
(Exhibit R-2, Page 3 of 22)

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification		DATE:
		February 2006
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME
RDT&E, N / BA-4	0603739N Navy Logistic Productivity	2920 Ordnance Management

C. PROGRAM CHANGE SUMMARY:

	FY 2005	FY 2006	FY 2007
Funding:			
Previous President's Budget	4.374	5.930	3.650
Current BES/President's Budget	5.072	5.841	3.674
Total Adjustments	0.698	-0.089	0.024
Summary of Adjustments			
Congressional program reductions		-0.062	
Economic Assumptions		-0.027	0.016
Program Adjustments	0.698		0.008
Subtotal	0.698	-0.089	0.024

Schedule:

   Not Applicable

Technical:

   Not Applicable

Exhibit R-2 RDTEN Budget Item Justification
(Exhibit R-2, Page 4 of 22)

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification		DATE: February 2006
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-4**	PROGRAM ELEMENT NUMBER AND NAME 0603739N Navy Logistic Productivity	PROJECT NUMBER AND NAME 2920 Ordnance Management

      D. OTHER PROGRAM FUNDING SUMMARY:

      E. ACQUISITION STRATEGY:

    FY 2005
OCT 05 - PHS&T and Joint Sent Toolkit
JUN 05 - Weapons Maintenance Support and
JUL 05 - Explosive Safety
SEP 05 - ROLMS

    FY 2006
OCT 05 - PHS&T and Joint Sentencing ToolKit
NOV 05- SEP 08 - PHS&T of Ammo-DoD Logistics
JUN 06 - Mobilization/Exercise Planning

    FY 2007
NOV 05-SEP 08 - PHS&T of Ammo-DoD Logistics
SEP 08 - Production/Industrial Base Support
SEP 08 - Fairshare (Weapon Allocation Capability)

Exhibit R-2 RDTEN Budget Item Justification
(Exhibit R-2, Page 5 of 22)

Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Primary Hardware Development											0.000	
Ancillary Hardware Development											0.000	
Systems Engineering											0.000	
Licenses											0.000	
Tooling											0.000	
GFE											0.000	
Award Fees											0.000	
Subtotal Product Development											0.000	

Remarks:

Development Support Equipment											0.000	
Software Development		NOLSC, Multiple		3.821	10/04	4.290	10/05	2.649	10/06		10.760	
Training Development		NOLSC, Multiple		0.139	10/04	0.227	10/05	0.195	10/06		0.561	
Integrated Logistics Support											0.000	
Configuration Management		NOLSC, Multiple		0.179	10/04	0.238	10/05	0.171	10/06		0.588	
Technical Data											0.000	
GFE											0.000	
Subtotal Support				4.139		4.755		3.015		0.000	11.909	

Remarks:

Exhibit R-3 Cost Analysis (page 1)	DATE: February 2006
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-4**	PROGRAM ELEMENT 0603739N Navy Logistic Productivity PROJECT NUMBER AND NAME 2920 Ordnance Management

Exhibit R-2 RDTEN Budget Item Justification
(Exhibit R-2, Page 6 of 22)

Exhibit R-3 Cost Analysis (page 2)											DATE: February 2006	
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-4**			PROGRAM ELEMENT 0603739N Navy Logistic Productivity		PROJECT NUMBER AND NAME 2920 Ordnance Management							
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation		NOLSC, Multiple		0.587	10/04	0.687	10/05	0.412	10/06		1.686	
Operational Test & Evaluation		NOLSC, Multiple		0.316	10/04	0.357	10/05	0.221	10/06		0.894	
Tooling											0.000	
GFE											0.000	
Subtotal T&E			0.000	0.903		1.044		0.633		0.000	2.580	
Remarks:												
Contractor Engineering Support											0.000	
Government Engineering Support											0.000	
Program Management Support	WX	NOLSC, Multiple		0.030	10/04	0.042	10/05	0.026	10/06		0.098	
Travel											0.000	
Labor (Research Personnel)											0.000	
Overhead											0.000	
Subtotal Management			0.000	0.030		0.042		0.026		0.000	0.098	
Remarks:												
Total Cost				5.072		5.841		3.674		0.000	14.587	
Remarks:												

CLASSIFICATION:

EXHIBIT R4, Schedule Profile		DATE: February 2006

APPROPRIATION/BUDGET ACTIVITY **RDT&E, N /**	PROGRAM ELEMENT NUMBER AND NAME 0603739N Navy Logistic Productivity	PROJECT NUMBER AND NAME 2920 Ordnance Management

Fiscal Year	2005				2006				2007				2008				2009				2010				2011			
	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 Milestones

- System Integration (bar: FY2005 Q1 – FY2007 Q4)
- System Testing (bar: FY2005 Q1 – FY2007 Q4)
- Initial Operating Capability (IOC) (bar: FY2005 Q1 – FY2008 Q3)
- Full Operating Capability (FOC) (bar: FY2005 Q1 – FY2008 Q4)

Test & Evaluation Milestones

- Development Test
- Operational Test

Production Milestones

LRIP I   FY 05

LRIPII   FY 06

FRP   FY 07

Deliveries

Exhibit R-2 RDTEN Budget Item Justification
(Exhibit R-2, Page 8 of 22)

CLASSIFICATION:

Exhibit R-4a, Schedule Detail					DATE: February 2006		
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-4**			PROGRAM ELEMENT 0603739N Navy Logistic Productivity		PROJECT NUMBER AND NAME 2920 Ordnance Management		
Schedule Profile	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Prototype Phase							
System Design Review (SDR)							
Milestone II (MSII)							
Contract Preparation							
Software Specification Review (SSR)							
Preliminary Design Review (PDR)							
System Development/Integration	Q1-Q4	Q1-Q4	Q1-Q4	Q1-Q3			
Critical Design Review (CDR)							
Quality Design and Build							
Test Readiness Review (TRR)							
Developmental Testing (DT-IIA)	Q1-Q4	Q1-Q4	Q1-Q4	Q1-Q3			
Eng Dev Model (EDM) Radar Delivery - Lab							
Software Delivery 1XXSW							
Preproduction Readiness Review (PRR)							
EDM Radar Delivery - Flt Related							
Milestone C (MS C)							
Operational Testing (OT-IIA)							
Start Low-Rate Initial Production I (LRIP I)							
Software Delivery 2XXSW							
Developmental Testing (DT-IIB1)							
Developmental Testing (DT-IIB2)							
Start Low-Rate Initial Production II							
Operational Testing (OT-IIB)							
Developmental Testing (DT-IIC)							
Functional Configuration Audit (FCA)							
Low-Rate Initial Production I Delivery							
Technical Evaluation (TECHEVAL)							
Physical Configuration Audit							
Operational Evaluation (OT-IIC) (OPEVAL)							
Low-Rate Initail Production II Delivery							
IOC	Q1-Q4	Q1-Q4	Q1-Q4	Q1-Q2			
Full Operating Capability (FOC)	Q2-Q4	Q1-Q4	Q1-Q4	Q1-Q3			
Full Rate Production (FRP) Decision							
Full Rate Production Start							
First Deployment							

Exhibit R-2 RDTEN Budget Item Justification
(Exhibit R-2, Page 9 of 22)

EXHIBIT R-2a, RDT&E Project Justification							DATE: February 2006	
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N /**	**BA 4**	PROGRAM ELEMENT NUMBER AND NAME **0603739N, NAVY LOGISTIC PRODUCTIVITY**				PROJECT NUMBER AND NAME 2955, JEDMICS		
COST ($ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	
2955 JEDMICS	2.859	2.934	2.632	2.700	2.906	3.042	3.180	
RDT&E Articles Qty								

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 67,000,000 engineering images and has 41,000 authorized users responsible for over 70,000 user sessions per month. Over 2.5 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 21 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 its 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, ECP 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.

Exhibit R-2 RDTEN Budget Item Justification
(Exhibit R-2, Page 10 of 22)

EXHIBIT R-2a, RDT&E Project Justification				DATE: February 2006
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N /**	**BA 4**	PROGRAM ELEMENT NUMBER AND NAME **0603739N, NAVY LOGISTIC PRODUCTIVITY**		PROJECT NUMBER AND NAME 2955, JEDMICS

B. ACCOMPLISHMENTS / PLANNED PROGRAM:

	FY 2005	FY 2006	FY 2007	
Accomplishments / Effort / Sub-total Cost	.236	.225	.233	
RDT&E Articles Qty				

Conduct technical evaluations and configuration control reviews of JEDMICS system.

	FY 2005	FY 2006	FY 2007	
Accomplishments / Effort / Sub-total Cost	.045	.045	.045	
RDT&E Articles Qty				

Conduct test and readiness reviews and functional performance tests on JEDMICS system.

	FY 2005	FY 2006	FY 2007	
Accomplishments / Effort / Sub-total Cost	2.578	2.664	2.354	
RDT&E Articles Qty				

Conduct development efforts associated with COTS obsolescence of the fully deployed COTS intensive JEDMICS system. 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.

Exhibit R-2 RDTEN Budget Item Justification
(Exhibit R-2, Page 11 of 22)

EXHIBIT R-2a, RDT&E Project Justification		DATE: February 2006
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N /** **BA 4**	PROGRAM ELEMENT NUMBER AND NAME **0603739N, NAVY LOGISTIC PRODUCTIVITY**	PROJECT NUMBER AND NAME 2955, JEDMICS

C. PROGRAM CHANGE SUMMARY

Funding:	FY 2005	FY 2006	FY 2007
Previous President's Budget:	2.934	2.979	2.832
Current BES / President's Budget:	2.859	2.934	2.632
Total Adjustments	-0.075	-0.045	-0.200

Summary of Adjustments			
Congressional Undistributed Reductions	-0.073	-0.031	
Congressional Increases	0.001		
Economic Assumptions		-0.014	0.016
Program Adjustments	-0.003		-0.216
Subtotal	-0.075	-0.045	-0.200

Schedule: Not Applicable

Technical: Not Applicable

D. OTHER PROGRAM FUNDING SUMMARY:	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Cost
Not Applicable									

Exhibit R-2 RDTEN Budget Item Justification
(Exhibit R-2, Page 12 of 22)

Exhibit R-3 Cost Analysis (page 1)									DATE: February 2006			
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA 4		PROGRAM ELEMENT 0603739N, NAVY LOGISTIC PRODUCTIVITY					PROJECT NUMBER AND NAME 2955, JEDMICS					
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost to Complete	Total Cost	Target Value of Contract
PRODUCT DEVELOPMENT												
SUBTOTAL PRODUCT DEVELOPMEN												
Remarks:												
SUPPORT												
Development Support	MIPR	ARMY, REDSTONE ARSENAL AL				.140	10/31/2005				.140	
Software Development	C-FFP	NORTHROP GRUMMAN INFORMATION TECHNOLOGY, MCLEAN, VA	7.675	2.578	11/30/2004	2.524	11/30/2005	2.354	11/30/2006	16.610	31.741	31.741
SUBTOTAL SUPPORT			7.675	2.578		2.664		2.354		16.610	31.881	
Remarks: Funds are for development efforts associated with COTS obsolescence on the fully deployed COTS Intensive Joint Engineering Data Management Information & Control System (JEDMICS). Funds are for COTS evaulation, integration, and test and evaluation. The common baseline will be regained 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 & EVALUATION												
Dev Test & Eval	VARIOUS	VARIOUS	.898	.045	VARIOUS	.045	10/31/2005	.045	10/31/2006	.270	1.303	
SUBTOTAL TEST & EVALUATION			.898	.045		.045		.045		.270	1.303	
Remarks: Supports testing and evaluation of baseline releases in a user environment.												
MANAGEMENT												
Government Eng Sup	VARIOUS	VARIOUS	.479	.189	VARIOUS	.177	10/31/2005	.184	10/31/2006	1.191	2.220	
Program Mgmt Sup	WX	NAWCAD, PATUXENT RIVER MD	.113	.005	10/31/2004	.005	10/31/2005	.005	10/31/2006	.034	.162	
Travel	VARIOUS	VARIOUS	.048	.042	VARIOUS	.043	VARIOUS	.044	VARIOUS	.285	.462	
SUBTOTAL MANAGEMENT			.640	.236		.225		.233		1.510	2.844	
Remarks: Supports requirements management at the Prime Contractor location.												
Total Cost			9.213	2.859		2.934		2.632		18.390	36.028	
Remarks:												

Exhibit R-2 RDTEN Budget Item Justification
(Exhibit R-2, Page 13 of 22)

CLASSIFICATION:

EXHIBIT R4, Schedule Profile		DATE: **February 2006**

APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME
RDT&E, N / BA-4	0603739N, NAVY LOGISTIC PRODUCTIVITY	2955, JEDMICS

Fiscal Year	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				FY 2010				FY 2011							
	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	1	2	3	4
Acquisition Milestones	MSIIIF/C5 ▲				MS ▲				MSIIIH/C7 ▲				MS IIII/C8 △				MSIIIJ/C9 △				MSIIIK/C1 △				MSIIIL/C11 △							
Requirements: Service IPT/ECPs			Release 3.7 ▲				Release 3.8 ▲			Release 3.9 △				Release 3.10 △				Release 3.11 △				Release 3.12 △				Release 3.13 △					
Contract Award	▲				▲		–		▲				△				△				△				△							
Software and Hardware Evaluation / Integration	Release 3.6 ██████				Release 3.7 ██████				Release 3.8 ▭				Release 3.9 ▭				Release 3.10 ▭				Release 3.11 ▭				Release 3.12 ▭							
Test & Evaluation Milestones																																
Risk Assessment			Release 3.6 ▲				Release 3.7 ▲			Release 3.8 △				Release 3.9 △				Release 3.10 △				Release 3.11 △				Release 3.12 △					
Developmental/Functional Testing			Release 3.6 ■				Release 3.7 ■			Release 3.8 ▭				Release 3.9 ▭				Release 3.10 ▭				Release 3.11 ▭				Release 3.12 ▭					
Alpha/Beta Testing	Release 3.5 ██				Release 3.6 ████				Release 3.7 ███			Release 3.8 ▭				Release 3.9 ▭				Release 3.10 ▭				Release 3.11 ▭			Release ▭					
Deliveries: Engineering Change Package	Release 3.5 ▲				Release 3.6 ▲				Release 3.7 ▲				Release 3.8 △				Release 3.9 △				Release 3.10 △				Release 3.11 △							

CLASSIFICATION:

Exhibit R-4a, Schedule Detail					DATE: **February 2006**			
APPROPRIATION/BUDGET ACTIVITY **RDT&BA-4**		PROGRAM ELEMENT 0603739N, NAVY LOGISTIC PRODUCTIVITY			PROJECT NUMBER AND NAME 2955, JEDMICS			
Schedule Profile	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	
Alpha/Beta Testing Release 3.5	1Q							
Engineering Change Package Release 3.5	1Q							
Milestone IIIF or C5 (MSIIIF/C5) Release 3.5	1Q							
Contract Award	1Q							
Software Hardware Evaluation/Integration Release 3.6	1Q-3Q							
Risk Assessment Release 3.6	3Q							
Developmental/Functional Testing Release 3.6	4Q							
Service IPT/ECPs Release 3.7	4Q							
Alpha/Beta Testing Release 3.6	4Q	1Q						
Engineering Change Package Release 3.6		1Q						
Milestone IIIG or C6 (MSIIIG/C6) Release 3.6		1Q						
Contract Award		1Q						
Software Hardware Evaluation/Integration Release 3.7		1Q-3Q						
Risk Assessment Release 3.7		3Q						
Developmental/Functional Testing Release 3.7		4Q						
Service IPT/ECPs Release 3.8		4Q						
Alpha/Beta Testing Release 3.7		4Q	1Q					
Engineering Change Package Release 3.7			1Q					
Milestone IIIH or C7 (MSIIIH/C7) Release 3.7			1Q					
Contract Award			1Q					
Software Hardware Evaluation/Integration Release 3.8			1Q-3Q					
Risk Assessment Release 3.8			3Q					
Developmental/Functional Testing Release 3.8			4Q					
Service IPT/ECPs Release 3.9			4Q					
Alpha/Beta Testing Release 3.8			4Q	1Q				
Engineering Change Package Release 3.8				1Q				
Milestone IIII or C8 (MSIIII/C8) Release 3.8				1Q				
Contract Award				1Q				
Software Hardware Evaluation/Integration Release 3.9				1Q-3Q				
Risk Assessment Release 3.9				3Q				
Developmental/Functional Testing Release 3.9				4Q				
Service IPT/ECPs Release 3.10				4Q				
Alpha/Beta Testing Release 3.9				4Q	1Q			
Engineering Change Package Release 3.9					1Q			
Milestone IIIJ or C9 (MSIIIJ/C9) Release 3.9					1Q			

CLASSIFICATION:

Exhibit R-4a, Schedule Detail				DATE: **February 2006**			
APPROPRIATION/BUDGET ACTIVITY **RDT&BA-4**	PROGRAM ELEMENT 0603739N, NAVY LOGISTIC PRODUCTIVITY			PROJECT NUMBER AND NAME 2955, JEDMICS			
Schedule Profile	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Contract Award					1Q		
Software Hardware Evaluation/Integration Release 3.10					1Q-3Q		
Risk Assessment Release 3.10					3Q		
Developmental/Functional Testing Release 3.10					4Q		
Service IPT/ECPs Release 3.11					4Q		
Alpha/Beta Testing Release 3.10					4Q	1Q	
Engineering Change Package Release 3.10						1Q	
Milestone IIIK or C10 (MSlllK/C10) Release 3.10						1Q	
Contract Award						1Q	
Software Hardware Evaluation/Integration Release 3.11						1Q-3Q	
Risk Assessment Release 3.11						3Q	
Developmental/Functional Testing Release 3.11						4Q	
Service IPT/ECPs Release 3.12						4Q	
Alpha/Beta Testing Release 3.11						4Q	1Q
Engineering Change Package Release 3.11							1Q
Milestone IIIL or C11 (MSlllL/C11) Release 3.11							1Q
Contract Award							1Q
Software Hardware Evaluation/Integration Release 3.12							1Q-3Q
Risk Assessment Release 3.12							3Q
Developmental/Functional Testing Release 3.12							4Q
Service IPT/ECPs Release 3.13							4Q
Alpha/Beta Testing Release 3.12							4Q

Exhibit R-2 RDTEN Budget Item Justification
(Exhibit R-2, Page 16 of 22)

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification						DATE: February 2006	
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-4**	PROGRAM ELEMENT NUMBER AND NAME 0603739N, NAVY LOGISTIC PRODUCTIVITY				PROJECT NUMBER AND NAME 9999, CONGRESSIONAL ADDS		

COST ($ in Millions)		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Project Cost		**11.796**	**11.800**					
RDT&E Articles Qty								

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:
   CONGRESSIONAL ADDS

2767 CLP is a government owned, contractor maintained, web-enabled information program providing DoD users with access to an open environment of logistics, supply chain, and engineering design interface data. CLP is designed to provide the Navy engineering and logistics infrastructure with the tools to shorten weapons system acquisition lead times, reduce equipment sparing requirements and improve equipment sustainability, while decreasing total ownership costs.

9047 JEDMICS

9540 Funding will support a NLRRC which allows Navy supply system managers, Navy acquisition managers, and weapon system program managers to address the Navy spare parts support shortfalls and configuration maintenance issues.

9787 Deploys AIT enabled electronic container tracking hardware and application software to Naval Air Stations for wireless monitoring and in-transit visibility of mission critical aviation Depot Level Repairables pre-positioned in Pack-up Kits for contingent operations… reduces turnover inventory from 2-3 days to 20-25 minutes, with 100% accuracy.

9788 This initiative is a proactive approach towards mitigating the supply chain impact of European legislation (Waste Electrical & Electronic Equipment directive) eliminating the use of lead solder in micro-circuit boards and components, and determining impacts and approaches to repair capabilities.

9789 SEALEGS system on chip-based radar warning receiver processor

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EXHIBIT R-2a, RDT&E Project Justification			DATE: **February 2006**	
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N /**	PROGRAM ELEMENT NUMBER AND NAME 0603739N, NAVY LOGISTIC PRODUCTIVITY		PROJECT NUMBER AND NAME 9999, CONGRESSIONAL ADDS	

B. Accomplishments/Planned Program

2767		FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost		4.065	4.300	
RDT&E Articles Quantity				

Collaborative Logistics Productivity (CLP)

9047		FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost		1.928	2.700	
RDT&E Articles Quantity				

JEDMICS Enhancements: Complied with Congressional direction for Technical Data Management Enhancements.

9358		FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost		1.933		
RDT&E Articles Quantity				

Life Cycle Savings through Mach Health Monitor

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CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification			DATE:	
			February 2006	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME		PROJECT NUMBER AND NAME	
RDT&E, N /	0603739N, NAVY LOGISTIC PRODUCTIVITY		9999, CONGRESSIONAL ADDS	

B. Accomplishments/Planned Program

9539		FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost		0.967		
RDT&E Articles Quantity				

DITDC

9540		FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost		0.967	1.000	
RDT&E Articles Quantity				

Navy Logistics Readiness Research Center (NLRRC)

9787		FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost			1.000	
RDT&E Articles Quantity				

AIT Enabled Activation Pack-up Kits

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CLASSIFICATION:

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APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME
RDT&E, N / BA-4	0603739N, NAVY LOGISTIC PRODUCTIVITY	9999, CONGRESSIONAL ADDS

B. Accomplishments/Planned Program

9788		FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost			1.000	
RDT&E Articles Quantity				

Logistics Impact of lead free circuits and components

9541 & 9789 SEALEGS SYSTEM		FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost		1.936	1.800	
RDT&E Articles Quantity				

SEALEGS system on chip-based radar warning receiver processor: The Service Life Extension of Avionics Legacy Equipment with Guaranteed System (SEALEGS) Small Business Innovative Research (SBIR) Phase III program is predicated on a set of novel leading-edge highly automated engineering design and chip development tools used for behavioral analysis, clock-cycle accurate virtual modeling/prototyping, extensive regression testing, and design/layout of advanced system-on-chip (SoC) products for application to military systems. This technology eliminates the need for expensive system software re-writes and the resulting modernized system hardware is 100% binary compatible with the all of the legacy software. The technology also allows the military the option to gradually modernize software or use all new software written in modern HOL like 'C++-based' software...Resulting hardware is 100% compatible with all test equipment and is warranted for ten (10) years. Trusted supply and anti-tamper technology of critical chip components and systems is also available with this technology. All deliveries of modernized legacy hardware includes all software support tools. When applied correctly, this program will enable an entirely new approach to solving problems associated with lack of microcircuit supply (parts obsolescence) without demanding the need for expensive rewriting of legacy software. SoC technology uses leading edge technology enabling systems that are concurrently clock-cycle accurate replicas of the system being renewed and are capable new higher performance capabilities needed to introduce new functionality as weapon systems age. Program will extend the effective use of weapon systems while reducing the costs of operations and support.   Use of highly automated engineering design tools enables solutions at about 30-40% the costs of other known approaches. Virtual models enable extensive system verification prior to hardware fabrication as well as verification of legacy software operability. Program addresses the existing operational requirements of systems receiving a technological upgrade in a form, fit and function compatibility to the existing subsystem. SoC typically permits replacement of tens of electronic modules with a single chip. The space freed-up by this technology is then available for additional functionality for new requirements. FY2006 funding will enable a flyable prototype of an Advanced AYK-14 mission computer used in older model F/A-18's, EA-6B, and other systems. The SEALEGS Program provides a means for the Navy/DoD to avoid the typical high costs associated with component obsolescence and software maintenance.   Program Managers responsible for electronics commodities or weapons systems will have more ability to control the costs associated with support of their fielded systems without the need to sacrifice performance or the ability to introduce required new functionality. Under the FY2005 effort flyable prototype Advanced AYK-14 mission computers capable of running existing Operational Flight Program (OFP) software used by legacy F/A-18's were delivered and tested at the Naval Air Warfare Center – Weapons Division (NAWC-WD). These new computers were packaged in the same boxes used for the old computers and have ample residue space inside to add more critical functionality.

   FY2006 plans include the continued application of SEALEGS technology by building upon FY2005 accomplishments with systems developed and tested by initiation of application of system-on-chip technology and utilizing the "new" spare module slots for additional system functionality including video image processing (for target identification and damage assessment) development of prototype processor hardware for electronic warfare radar warning receiver systems or other mission critical systems that yield increased warfighting capabilities for legacy platforms. In addition, other subsystems will be investigated for possible applications of the SEALEGS SoC technology.

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CLASSIFICATION:

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RDT&E, N / BA-4	0603739N, NAVY LOGISTIC PRODUCTIVITY	9999, CONGRESSIONAL ADDS

C. PROGRAM CHANGE SUMMARY:

	FY 05	FY 06	FY 07
Funding:			
Previous President's Budget:	12.085	0.000	0.000
Current BES/President's Budget	11.796	11.800	0.000
Total Adjustments	-0.289	11.800	0.000
Summary of Adjustments			
Congressional Undistributed Reductions	-0.289		
Congressional Increases		11.800	
Subtotal	-0.289	11.800	0.000

Schedule:

    Not applicable.

Technical:

    Not Applicable.

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CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification		DATE:
		February 2006
APPROPRIATION/BUDGET ACTIVITY **RDT&E, N / BA-4**	PROGRAM ELEMENT NUMBER AND NAME 0603739N, NAVY LOGISTIC PRODUCTIVITY	PROJECT NUMBER AND NAME 9999, CONGRESSIONAL ADDS

D. OTHER PROGRAM FUNDING SUMMARY:

Line Item No. & Name	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Cost

E. ACQUISITION STRATEGY:

Not applicable.

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Exhibit R-2 RDTEN Budget Item Justification
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