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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 0603564N I Ship Prel Design & Feasibility Studies							
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	27.168	35.737	38.117	23.716	-	23.716	29.895	31.791	38.498	39.194	Continuing	Continuing
0408: Ship Development (ADV)	0.000	-	-	-	-	-	7.500	17.500	25.000	30.000	Continuing	Continuing
0409: DDG-51 Flt III Concept Development	20.767	9.248	11.391	5.753	-	5.753	3.332	-	-	-	-	50.491
2474: LX(R) Design & Total Ship Integration	6.401	1.522	15.661	-	-	-	-	-	-	-	-	23.584
3377: Naval Operational Logistics Integration	0.000	-	-	17.963	-	17.963	19.063	14.291	13.498	9.194	Continuing	Continuing
9999: Congressional Adds	0.000	24.967	11.065	-	-	-	-	-	-	-	-	36.032
MDAP/MAIS Code: 180												
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
0409 - DDG 51 FLT III Concept Development - Develop Preliminary Analysis, Testing, and Design for introduction of DDG 51 FLT III in FY16.												
2474 - LX(R) (formerly LSD(X)) is expected to functionally replace LSD-41 Class ships and LSD-49 Class ships for embark, transport, control, insert, sustainment, and extract of Marine Air-Ground Task Force elements and supporting forces by helicopters, landing craft, and amphibious vehicles. Efforts are required to identify viable alternatives, including examining a reduced cost variant of LPD-17 Class. Efforts include all Gate and Milestone (MS) documentation, Capabilities Development Documentation (CDD), and Indicative Design (ID). Program is on track to support FY26 retirement of LSDs. LX(R) will move to RDTEN PE 0604454N Project 2474 starting in FY15 and out.												
3377 - Naval Operational Logistics Integration (OPLOG) - Develops enabling technologies for future and in-service afloat operational logistics and integrated supply systems; defines integrated combat logistics force and combatant logistics requirements; and provides a forum for cooperative initiatives of acquisition programs, program sponsors, engineering managers, the Navy science and technology community, and fleet customers. This project was previously funded in the National Defense Sealift Fund (NDSF) Appropriation (BA 04, PE 0408042N, Project 3117 Naval Operational Logistics Integration). This project in FY 2015 and later is a continuation of efforts and is not a new start.												
NDSF BA 04 Project 3117 prior year amounts: FY 2013: \$18.170M; FY 2014: \$20.024M												
C253 - Develop concept studies, ship design, and trade off studies in support of recapitalization of the existing T-AO 187 Fleet Oiler Class. The Navy's Combat Logistics Force (CLF) oilers supply fuel and dry cargo to Navy ships at sea. The T-AO(X) will operate as a shuttle ship from resupply ports to customer ships. Additionally, in												

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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 0603564N I Ship Prel Design & Feasibility Studies
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conjunction with a T-AKE Dry Cargo/Ammunition Ship, they will accompany and stay on-station with a Carrier Strike Group (CSG) to provide fuel as required to customer ships.

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	13.710	27.052	46.878	-	46.878
Current President's Budget	35.737	38.117	23.716	-	23.716
Total Adjustments	22.027	11.065	-23.162	-	-23.162
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	11.065			
• Congressional Directed Transfers	-	-			
• Reprogrammings	1.522	-			
• SBIR/STTR Transfer	-0.549	-			
• Program Adjustments	-	-	-22.590	-	-22.590
• Rate/Misc Adjustments	-	-	-0.572	-	-0.572
• Congressional General Reductions Adjustments	-0.046	-	-	-	-
• Congressional Directed Reductions Adjustments	-3.900	-	-	-	-
• Congressional Add Adjustments	25.000	-	-	-	-

Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: 9999: Congressional Adds

Congressional Add: T-AO(X) - Cong

Congressional Add: TAO(X) Design

Congressional Add Subtotals for Project: 9999

Congressional Add Totals for all Projects

FY 2013	FY 2014
-	11.065
24.967	-
24.967	11.065
24.967	11.065

Change Summary Explanation

Schedule: The Department delayed procurement of the first LX(R) from FY 2019 to FY 2020.

Cost/Funding: Added funds in FY 2013 for project 2474 (LX(R)). The FY 2015 program for project 0409 was adjusted to properly phase program requirements with expenditures. Began funding Project 3377 which was previously funded in the NDSF Appropriation (BA 04 PE 0408042N, Project 3117 Naval Operational

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Navy		Date: March 2014
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 0603564N / <i>Ship Prel Design & Feasibility Studies</i>	
<p>Logistics Integration). This project in FY 2015 and later is a continuation of efforts and is not a new start. Project 2474 (LX(R)) moves to new Program Element 0604454N Project 2474 (LX(R)) in FY 2015 and later.</p> <p>Other: Congressional action moved FY 2014 funding from NDSF (BA 04 PE 0408042N, Project 3417 Future Combat Logistics Force Development) into this PE. FY 2013 NDSF amount: \$8.971M</p>		

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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 0603564N / Ship Prel Design & Feasibility Studies				Project (Number/Name) 0408 / Ship Development (ADV)			
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
0408: Ship Development (ADV)	-	-	-	-	-	-	7.500	17.500	25.000	30.000	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												
This project unit supports three efforts.												
SURFTECH - The evaluation of advanced and alternative technologies through the Surface Ship Technology (SURFTECH) process for examining suitability for meeting total ship concepts capability needs. The objective of this project is to provide decision makers with feasible, affordable alternatives to be selected for further development. In support of surface ship advanced technology development and transformation, the surface ship community has instituted a technology evaluation process to coordinate, identify, prioritize, and integrate technology insertion and development efforts and assist RDT&E community efforts to initiate appropriate technology development. The current acquisition guidelines require the development of critical technologies after Milestone A. If significant gap analysis, planning, and early development efforts are not conducted in parallel with Concept Development the Navy will not be able to provide broad, cross-platform direction to surface navy development efforts in an effective manner and will not effectively leverage limited resources to quicken the pace of both development and transition of critical mission technologies for timely acquisition.												
AGOR OCEAN - Funding supports the acquisition of general purpose research vessels which will conduct science, educational and engineering operations in all oceans, and will be operated by the University Oceanographic Laboratory System (UNOLS).												
LCC Class ESA of the LCC 19 & 20 will be conducted to determine life extensions.												
B. Accomplishments/Planned Programs (\$ in Millions)												
N/A												
C. Other Program Funding Summary (\$ in Millions)												
N/A												
Remarks												
D. Acquisition Strategy												
N/A												
E. Performance Metrics												
NONE												

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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 0603564N / Ship Prel Design & Feasibility Studies				Project (Number/Name) 0409 / DDG-51 Flt III Concept Development			
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
0409: DDG-51 Flt III Concept Development	20.767	9.248	11.391	5.753	-	5.753	3.332	-	-	-	-	50.491
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

DDG 51 FLT III Concept Development study - Funding is provided to evaluate design options associated with FLT III. Ship concepts were developed to determine cost and feasibility. The concepts were variants of the DDG 51 Flight IIA design, and included incorporation of the Air and Missile Defense Radar (AMDR).

DDG 51 FLT III Preliminary Design - Funding is for preliminary design efforts associated with introduction of Flight III in FY16. The current plan will support the Finite Element Analysis (FEA) of the Deckhouse Structure, EMX Analysis, which will include Electromagnetic Signatures, Electromagnetic Interference (EMI), Electromagnetic Pulse (EMP), and Radiation Hazard. It will also include Electrical Power capability increase and Distribution analysis, Cooling Systems analysis, Topside Signature testing, and Weight and Stability analysis and life cycle margin improvement.

DDG 51 FLT III Contract Design - Funding is provided beginning in FY 2013 to develop the results from Preliminary Design to produce a technical package. This phase will develop contract drawings and specifications for the Detail Design and Construction contract.

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

	FY 2013	FY 2014	FY 2015
Title: Proj:0409 DDG-51 Flt III Concept Development	9.248	11.391	5.753
Articles:	-	-	-
<p>FY 2013 Accomplishments:</p> <p>Continue Preliminary Design efforts. Define a complete engineering description of an integrated DDG 51 Flight III ship system and provide budget-quality cost estimates. Complete trade studies to select subsystems. Perform analysis to mitigate topside interference and radiation hazards. Develop ship arrangements to accommodate Flight III changes to DDG 51. Perform calculations to ensure adequate power and cooling capacity and hull strength. Identify Government Furnished Equipment, Government Furnished Information, and Class Standard Equipment. Perform advanced engineering for Flight III machinery and control system modifications required for the Land Based Engineering Site (LBES) in Philadelphia, PA.</p> <p>Begin Contract Design efforts. Further develop the results from Preliminary Design to produce a biddable technical package. Develop contract drawings and specifications for the Detail Design and Construction contract. Establish Government Furnished</p>			

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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 0603564N / Ship Prel Design & Feasibility Studies	Project (Number/Name) 0409 / DDG-51 Flt III Concept Development

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

Equipment, Government Furnished Information, and Class Standard Equipment lists. Support budget quality procurement and Total Ownership Cost estimates.

FY 2014 Plans:

Complete Preliminary Design as described in FY 2013 Plans. Continue Contract Design efforts to support release of RFP package for shipbuilders to bid. Develop functional design Government Furnished Information for combat systems. Develop Engineering Change Proposal packages to the level necessary to award Detail Design contracts. Support cost estimating. Continue development of Land Based Engineering Site modifications, equipment installation and preliminary testing.

FY 2015 Plans:

Continue to develop functional design Government Furnished Information for combat systems. Continue development of Engineering Change Proposal packages to level necessary to compete and award shipbuilding contracts. Support cost estimating. Continue development of Land Based Engineering Site modifications, equipment installation and preliminary testing.

Accomplishments/Planned Programs Subtotals	9.248	11.391	5.753
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C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015 Base</u>	<u>FY 2015 OCO</u>	<u>FY 2015 Total</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• SCN/2122: DDG 51 Class	4,497.011	2,085.115	2,805.454	-	2,805.454	3,201.742	3,312.269	3,354.739	3,337.383	Continuing	Continuing
• SCN/5300: Completion of PY Shipbuilding Programs (DDG 51)	-	-	129.144	-	129.144	75.014	-	-	-	-	204.158

Remarks

D. Acquisition Strategy

DDG 51 FLT III concept development provides technical assistance to develop a design package that supports the competitive award of a Flight III ECP. The DDG 51 Acquisition Strategy reflects the competitive award of the FY13-17 Multi-Year Procurement in a Flight IIA configuration, and supports Flight III upgrades beginning with the second FY16 ship.

E. Performance Metrics

None

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy												Date: March 2014			
Appropriation/Budget Activity 1319 / 4						R-1 Program Element (Number/Name) PE 0603564N / Ship Prel Design & Feasibility Studies				Project (Number/Name) 0409 / DDG-51 Flt III Concept Development					
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 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
DDG 51 FLT III Concept Study	WR	NSWC : Dahlgren, VA	2.920	-		-		-		-		-	-	2.920	-
DDG 51 FLT III Concept Study	WR	NSWC : Carderock, MD	3.076	-		-		-		-		-	-	3.076	-
DDG 51 FLT III Concept Study	WR	SPAWAR : Charleston, SC	0.285	-		-		-		-		-	-	0.285	-
DDG 51 FLT III Concept Study	FFRDC	JHU : Baltimore, MD	1.447	-		-		-		-		-	-	1.447	-
DDG 51 FLT III Concept Study	MIPR	CPSD : Columbia, SC	0.000	-		-		-		-		-	-	-	-
DDG 51 FLT III Concept Study	C/CPAF	BIW : Bath, ME	0.376	-		-		-		-		-	-	0.376	-
DDG 51 FLT III Concept Study	WR	NRL : Washington, DC	0.164	-		-		-		-		-	-	0.164	-
DDG 51 FLT III Concept Study	C/CPAF	Ingalls : Pascagoula, MS	0.214	-		-		-		-		-	-	0.214	-
DDG 51 FLT III Concept Study	C/CPAF	Seaport : Washington, DC	4.819	-		-		-		-		-	-	4.819	-
DDG 51 FLT III Concept Study	MIPR	DTIC : Ft. Belvoir, VA	0.002	-		-		-		-		-	-	0.002	-
DDG 51 FLT III Concept Study	Various	Various : Washington, DC	1.653	-		-		-		-		-	-	1.653	-
DDG 51 FLT III Concept Study	WR	SPAWAR : San Diego, CA	0.244	-		-		-		-		-	-	0.244	-
DDG 51 FLT III Concept Study	WR	NAWC : Pax River, MD	0.025	-		-		-		-		-	-	0.025	-
DDG 51 FLT III Preliminary Design	WR	NSWC : Carderock, MD	1.771	3.154	Dec 2012	0.448	Jan 2014	-		-		-	-	5.373	-
DDG 51 FLT III Preliminary Design	C/CPAF	Seaport : Washington, DC	2.115	4.042	May 2013	0.518	May 2014	-		-		-	-	6.675	-
DDG 51 FLT III Preliminary Design	WR	NSWC : Dahlgren, VA	1.086	0.971	Apr 2013	0.224	Apr 2014	-		-		-	-	2.281	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy												Date: March 2014			
Appropriation/Budget Activity 1319 / 4						R-1 Program Element (Number/Name) PE 0603564N / Ship Prel Design & Feasibility Studies				Project (Number/Name) 0409 / DDG-51 Flt III Concept Development					
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 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
DDG 51 FLT III Preliminary Design	C/CPAF	BIW : Bath, ME	0.285	0.250	Aug 2013	0.095	Dec 2013	-		-		-	-	0.630	-
DDG 51 FLT III Preliminary Design	C/CPAF	Ingalls : Pascagoula, MS	0.285	0.250	Aug 2013	0.095	Apr 2014	-		-		-	-	0.630	-
DDG 51 FLT III Contract Design	WR	NSWC : Dahlgren, VA	0.000	-		1.846	Apr 2014	1.885	Feb 2015	-		1.885	0.352	4.083	-
DDG 51 FLT III Contract Design	WR	NSWC : Carderock, MD	0.000	0.181	Aug 2013	3.390	Apr 2014	2.310	Feb 2015	-		2.310	0.503	6.384	-
DDG 51 FLT III Contract Design	C/CPAF	Ingalls : Pascagoula, MS	0.000	-		1.000	Apr 2014	0.200	Feb 2015	-		0.200	-	1.200	-
DDG 51 FLT III Contract Design	C/CPAF	Seaport : Washington, DC	0.000	0.400	May 2013	2.775	May 2014	1.158	Feb 2015	-		1.158	2.477	6.810	-
DDG 51 FLT III Contract Design	C/CPAF	BIW : Bath, ME	0.000	-		1.000	Dec 2013	0.200	Feb 2015	-		0.200	-	1.200	-
Subtotal			20.767	9.248		11.391		5.753		-		5.753	3.332	50.491	-
			Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			20.767	9.248		11.391		5.753		-		5.753	3.332	50.491	-
Remarks															

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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 0603564N / <i>Ship Prel Design & Feasibility Studies</i>			Project (Number/Name) 0409 / <i>DDG-51 Flt III Concept Development</i>

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	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 0409																												
DDG-51 FLIGHT III CONCEPT DEVELOPMENT: DDG 51 FLT III Preliminary Design																												
DDG-51 FLIGHT III CONCEPT DEVELOPMENT: DDG 51 FLT III Contract Design																												
DDG-51 FLIGHT III CONCEPT DEVELOPMENT: DDG 51 FY13-17 MYP Ship Construction Contract Award																												
DDG-51 FLIGHT III CONCEPT DEVELOPMENT: DDG 51 FY16 Ship Funding Appropriated																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Navy			Date: March 2014
Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0603564N / <i>Ship Prel Design & Feasibility Studies</i>	Project (Number/Name) 0409 / <i>DDG-51 Flt III Concept Development</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 0409</i>				
DDG-51 FLIGHT III CONCEPT DEVELOPMENT: DDG 51 FLT III Preliminary Design	1	2013	1	2014
DDG-51 FLIGHT III CONCEPT DEVELOPMENT: DDG 51 FLT III Contract Design	4	2013	1	2016
DDG-51 FLIGHT III CONCEPT DEVELOPMENT: DDG 51 FY13-17 MYP Ship Construction Contract Award	3	2013	3	2013
DDG-51 FLIGHT III CONCEPT DEVELOPMENT: DDG 51 FY16 Ship Funding Appropriated	1	2016	1	2016

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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 0603564N / Ship Prel Design & Feasibility Studies				Project (Number/Name) 2474 / LX(R) Design & Total Ship Integration			
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
2474: LX(R) Design & Total Ship Integration	6.401	1.522	15.661	-	-	-	-	-	-	-	-	23.584
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												
2474 - LX(R) (formerly LSD(X)) is expected to functionally replace LSD-41 Class ships and LSD-49 Class ships for embark, transport, control, insert, sustainment, and extract of Marine Air-Ground Task Force elements and supporting forces by helicopters, landing craft, and amphibious vehicles. Efforts are required to identify viable alternatives, including examining a reduced cost variant of LPD-17 Class. Efforts include all Gate and Milestone (MS) documentation, Capabilities Development Documentation (CDD), and Indicative Design (ID). Program is on track to support FY26 retirement of LSDs. LX(R) will move to RDTEN PE 0604454N Project 2474 starting in FY15 and out.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)										FY 2013	FY 2014	FY 2015
Title: LX(R) DESIGN/TOTAL SHIP INTEGRATION										1.522	15.661	-
										Articles: -	-	-
FY 2013 Accomplishments: Material Development Decision (MDD) Acquisition Decision Memo dated 12 March 2013. Conducted Analysis of Alternatives (AoA) including an "Affordability Deep Dive" directed by Assistant Secretary of the Navy (Research, Development & Acquisition) (ASN RD&A). Issued a Request For Information (RFI) to investigate potential ship cost reductions.												
FY 2014 Plans: Conduct Alternative Systems Review. Complete Navy staffing of Capabilities Development Document (CDD). Develop documentation for Gate 2 and Milestone A, including Service Cost Position (SCP), Cost Analysis Requirements Description (CARD), Program Protection Plan (PPP), Systems Engineering Plan (SEP), Reliability, Availability, Maintainability-Cost (RAM-C) Report, Test & Evaluation Master Plan (TEMP), Life Cycle Sustainment Plan (LCSP), Acquisition Strategy (AS), etc. Begin Indicative Design (ID), and shipbuilding industry studies. Conduct Gate 2.												
FY 2015 Plans: N/A												
Accomplishments/Planned Programs Subtotals										1.522	15.661	-

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Appropriation/Budget Activity 1319 / 4				R-1 Program Element (Number/Name) PE 0603564N / Ship Prel Design & Feasibility Studies				Project (Number/Name) 2474 / LX(R) Design & Total Ship Integration			
C. Other Program Funding Summary (\$ in Millions)											
			<u>FY 2015</u>	<u>FY 2015</u>	<u>FY 2015</u>					<u>Cost To</u>	
<u>Line Item</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Complete</u>	<u>Total Cost</u>
• SCN/3010: Amphibious Ship Replacement LX(R)	-	-	-	-	-	-	-	-	174.000	Continuing	Continuing
• RDTEN/0604454N: LX (R)	-	-	36.859	-	36.859	56.901	32.824	12.813	9.806	Continuing	Continuing
Remarks											
D. Acquisition Strategy											
Predecisional, expect competition will be part of the acquisition strategy after MS A.											
E. Performance Metrics											
Predecisional, performance metrics will be developed in parallel with the CDD.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy												Date: March 2014			
Appropriation/Budget Activity 1319 / 4						R-1 Program Element (Number/Name) PE 0603564N / Ship Prel Design & Feasibility Studies				Project (Number/Name) 2474 / LX(R) Design & Total Ship Integration					
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 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
Design/Systems Integration	C/CPIF	CSC, Alion, TBD** : Washington, DC	3.898	0.252	Sep 2013	6.610	Dec 2013	-		-		-	-	10.760	-
Design/Systems Integration	WR	NSWC Carderock : NSWC Beth, MD	1.114	0.234	Jul 2013	3.558	Dec 2013	-		-		-	-	4.906	-
Design/Systems Integration	WR	NSWC Dahlgren : Dahlgren, VA	0.304	0.076	Aug 2013	2.014	Dec 2013	-		-		-	-	2.394	-
Design/Systems Integration	WR	PEO C4I, PEO IWS : Washington, DC	1.085	0.360	Aug 2013	1.289	Dec 2013	-		-		-	-	2.734	-
Design/Systems Integration	WR	NAWC Lakehurst : Lakehurst, NJ	0.000	-		0.300	Dec 2013	-		-		-	-	0.300	-
Design/Systems Integration	WR	NSLC Mechanicsburg : Mechanicsburg, PA	0.000	-		0.250	Dec 2013	-		-		-	-	0.250	-
Design/Systems Integration	WR	NSWC, Port Hueneme : Port Hueneme, CA	0.000	-		0.250	Dec 2013	-		-		-	-	0.250	-
Design/SI (Shipbuilder Participation)	C/CPFF	HII, General Dynamics : Various	0.000	0.600	Nov 2013	1.390	Feb 2014	-		-		-	-	1.990	-
Subtotal			6.401	1.522		15.661		-		-		-	-	23.584	-
			Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			6.401	1.522		15.661		-		-		-	-	23.584	-
Remarks															

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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 0603564N / Ship Prel Design & Feasibility Studies

Project (Number/Name)

2474 / LX(R) Design & Total Ship Integration

Fiscal Year	2013				2014				2015				2016				2017				2018				2019			
Quarter	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
Initial Capabilities Document (ICD)																												
Analysis of Alternatives (AoA)																												
Capabilities Development Documentation (CDD)																												
Acquisition Milestones																												
Indicative Design																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Navy			Date: March 2014
Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0603564N / <i>Ship Prel Design & Feasibility Studies</i>	Project (Number/Name) 2474 / <i>LX(R) Design & Total Ship Integration</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 2474</i>				
Initial Capabilities Document (ICD)	1	2013	2	2013
Analysis of Alternatives (AoA)	1	2013	2	2014
Capabilities Development Documentation (CDD)	3	2014	4	2014
Materiel Development Decision (MDD)	2	2013	2	2013
Gate 2	3	2014	3	2014
Indicative Design	2	2014	4	2014

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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 0603564N / Ship Prel Design & Feasibility Studies				Project (Number/Name) 3377 / Naval Operational Logistics Integration			
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
3377: Naval Operational Logistics Integration	-	-	-	17.963	-	17.963	19.063	14.291	13.498	9.194	Continuing	Continuing
Quantity of RDT&E Articles	0.000	-	-	-	-	-	-	-	-	-		

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

Note

Prior to FY 2015 Project 3377 was funded in the NDSF Appropriation, BA 04 PE 0408042N under Project 3117 Naval Operational Logistics Integration. This project in FY 2015 and later is a continuation of efforts and is not a new start. NDSF BA 04 Project 3117 prior year amounts: FY 2013: \$18.170M; FY 2014: \$20.024M

A. Mission Description and Budget Item Justification

Project 3377 - Naval Operational Logistics Integration (OPLOG)- Develops enabling technologies for future and in-service afloat operational logistics and integrated supply systems; defines integrated combat logistics force and combatant logistics requirements; and conducts cooperative initiatives with acquisition programs, program sponsors, engineering managers, the Navy science and technology community and Fleet customers. OPLOG develops integrated, cross-platform (i.e. applicable to more than one ship class/type) operational logistics and energy conservation technologies and capabilities as well as draft acquisition and operations policy ensuring future Naval systems leverage emerging logistic capabilities and technologies to provide operationally effective and energy efficient logistics delivery.

Though the operational logistics family of systems touches all aspects of Naval presence and power projection, operational logistics capability and system interfaces typically have been left to individual acquisition programs to develop and resolve. Technology development is necessary to mitigate technological and operational risk before ship acquisition programs accept new technologies. This project provides a foundation for the transition and systems development of science & technology initiatives evolving from the Office of Naval Research (ONR) Power & Energy Future Naval Capabilities (FNC), Enterprise and Platform Enablers FNC, Seabasing FNC and from other enabling Government, industry and academia concepts to the acquisition community. Thus, this project resources continued research and development of appropriate technologies with applicability to multiple acquisition programs and defines and matures performance and interface requirements for those technologies. This project continues to identify, develop, integrate, demonstrate and transition logistics technologies to improve the cost effectiveness of Fleet at sea logistics delivery through outreach, coordination and collaboration with industry, academia, Fleet and Enterprise representatives.

This project will continue to develop improved shipboard replenishment, transfer, and handling systems and components as well as asset visibility and standardized packaging technologies. This project will include development of approaches to support Service goals for reduced energy consumption by the logistics Fleet. This integrated suite of developed capabilities will enable multiple ship types to leverage common technologies common across DoD (Joint) and commercial transportation networks providing a more affordable, energy efficient, mission capable force. This capabilities and system-of-systems approach will be applied to concept development of future auxiliary force architectures.

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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 0603564N / Ship Prel Design & Feasibility Studies	Project (Number/Name) 3377 / Naval Operational Logistics Integration			
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2013	FY 2014	FY 2015	
Title: Advanced Replenishment Systems FY 2013 Accomplishments: N/A FY 2014 Plans: N/A FY 2015 Plans: FY15 - Continue testing of land-based prototype Electric-Standard Tensioned Replenishment Alongside Method (ESTREAM) fueling-at-sea station. Complete environmental and electromagnetic testing of ESTREAM replenishment at sea control cabinets and equipment. Develop designs for technology insertion into legacy STREAM stations to keep them supportable and operational throughout existing ship lives.			-	-	2.063	
			Articles:	-	-	-
Title: Standard Packaging Interfaces & Technologies FY 2013 Accomplishments: N/A FY 2014 Plans: N/A FY 2015 Plans: FY15 - Continue market surveillance of commercial and shipboard standardized packaging & interface technologies to identify cost effective and TOC reducing approaches for the Navy.			-	-	0.100	
			Articles:	-	-	-
Title: Asset Visibility and Planning FY 2013 Accomplishments: N/A FY 2014 Plans: N/A FY 2015 Plans:			-	-	0.100	
			Articles:	-	-	-

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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 0603564N / <i>Ship Prel Design & Feasibility Studies</i>		Project (Number/Name) 3377 / <i>Naval Operational Logistics Integration</i>	
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2013	FY 2014	FY 2015
FY15 - Continue market surveillance of commercial and shipboard asset visibility and planning technologies to identify cost effective and TOC reducing equipment and approaches for the Navy.					
Title: Logistics Architectures					0.200
			Articles:		-
FY 2013 Accomplishments: N/A					
FY 2014 Plans: N/A					
FY 2015 Plans: FY15 - Continue to identify operational cost drivers, develop solutions for future fleet improvements to MSC.					
Title: Integrated Naval Logistics					0.200
			Articles:		-
FY 2013 Accomplishments: N/A					
FY 2014 Plans: N/A					
FY 2015 Plans: FY15 - Work within the NLI community to identify and implement cost savings naval logistics approaches.					
Title: Shipboard Material Transport					0.200
			Articles:		-
FY 2013 Accomplishments: N/A					
FY 2014 Plans: N/A					
FY 2015 Plans: FY15 - First article testing heavy container mover built to meet Navy shipboard requirements.					
Title: Shipboard Energy Conservation					8.100
			Articles:		-

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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 0603564N / <i>Ship Prel Design & Feasibility Studies</i>	Project (Number/Name) 3377 / <i>Naval Operational Logistics Integration</i>	
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2013	FY 2014
FY 2013 Accomplishments: N/A FY 2014 Plans: N/A FY 2015 Plans: FY15 - Continue energy management approach improvements, validation of energy savings from implementation of energy conservation measures, identification and evaluation of additional energy conservation concepts, transition of successful energy conservation measures to MSC and coordination with other Navy energy conservation programs to leverage successful energy reduction approaches.			
Title: Ship Concept Development Description: Ship Concept Development for future common hull form tug and salvage capability. FY 2013 Accomplishments: N/A FY 2014 Plans: N/A FY 2015 Plans: Conduct source selection, award multiple competitive Phase I design contracts, and oversee design phase; continue development of acquisition documentation for Milestone B.		Articles: - -	7.000 -
Accomplishments/Planned Programs Subtotals		-	17.963
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
Not applicable for OPLOG R&D efforts.			
E. Performance Metrics			
Annual Program Review.			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy												Date: March 2014			
Appropriation/Budget Activity 1319 / 4					R-1 Program Element (Number/Name) PE 0603564N / Ship Prel Design & Feasibility Studies					Project (Number/Name) 3377 / Naval Operational Logistics Integration					
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 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
Primary Hardware Development	Various	Various Contractors : Various	0.000	-		-		3.833	Jan 2015	-		3.833	Continuing	Continuing	Continuing
Ancillary Hardware Development	Various	Various Contractors : Various	0.000	-		-		2.000	Jan 2015	-		2.000	Continuing	Continuing	Continuing
Ship Integration	Various	Various Contractors : Various	0.000	-		-		1.000	Jan 2015	-		1.000	Continuing	Continuing	Continuing
Ship Suitability	Various	Various Contractors : Various	0.000	-		-		1.500	Jan 2015	-		1.500	Continuing	Continuing	Continuing
Systems Engineering	Various	Various Contractors : Various	0.000	-		-		1.500	Jan 2015	-		1.500	Continuing	Continuing	Continuing
Preliminary Contract Design	TBD	Various Contractors : Various	0.000	-		-		4.000	Feb 2015	-		4.000	-	4.000	-
Subtotal			0.000	-		-		13.833		-		13.833	-	-	-
Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 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	Various	Various Contractors : Various	0.000	-		-		0.450	Jan 2015	-		0.450	Continuing	Continuing	Continuing
Integrated Logistics Support	Various	Various Contractors : Various	0.000	-		-		0.180	Jan 2015	-		0.180	Continuing	Continuing	Continuing
Configuration Management	Various	Various Contractors : Various	0.000	-		-		0.200	Jan 2015	-		0.200	Continuing	Continuing	Continuing
Technical Data	Various	Various Contractors : Various	0.000	-		-		0.400	Jan 2015	-		0.400	Continuing	Continuing	Continuing
Studies & Analyses	Various	Various Contractors : Various	0.000	-		-		0.100	Jan 2015	-		0.100	Continuing	Continuing	Continuing
Subtotal			0.000	-		-		1.330		-		1.330	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy												Date: March 2014			
Appropriation/Budget Activity 1319 / 4						R-1 Program Element (Number/Name) PE 0603564N / Ship Prel Design & Feasibility Studies				Project (Number/Name) 3377 / Naval Operational Logistics Integration					
Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 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	Various	Various Contractors : Various	0.000	-		-		0.500	Jan 2015	-		0.500	Continuing	Continuing	Continuing
Operational Test & Evaluation	Various	Various Contractors : Various	0.000	-		-		0.500	Jan 2015	-		0.500	Continuing	Continuing	Continuing
Subtotal			0.000	-		-		1.000		-		1.000	-	-	-
Management Services (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 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
Contractor Engineering Support	Various	Various Contractors : Various	0.000	-		-		0.200	Jan 2015	-		0.200	Continuing	Continuing	Continuing
Government Engineering Support	WR	Various Contractors : Various	0.000	-		-		0.400	Jan 2015	-		0.400	Continuing	Continuing	Continuing
Project/Acquisition Management	Various	Various Contractors : Various	0.000	-		-		1.200	Jan 2015	-		1.200	Continuing	Continuing	Continuing
Subtotal			0.000	-		-		1.800		-		1.800	-	-	-
			Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	-		-		17.963		-		17.963	-	-	-
Remarks															

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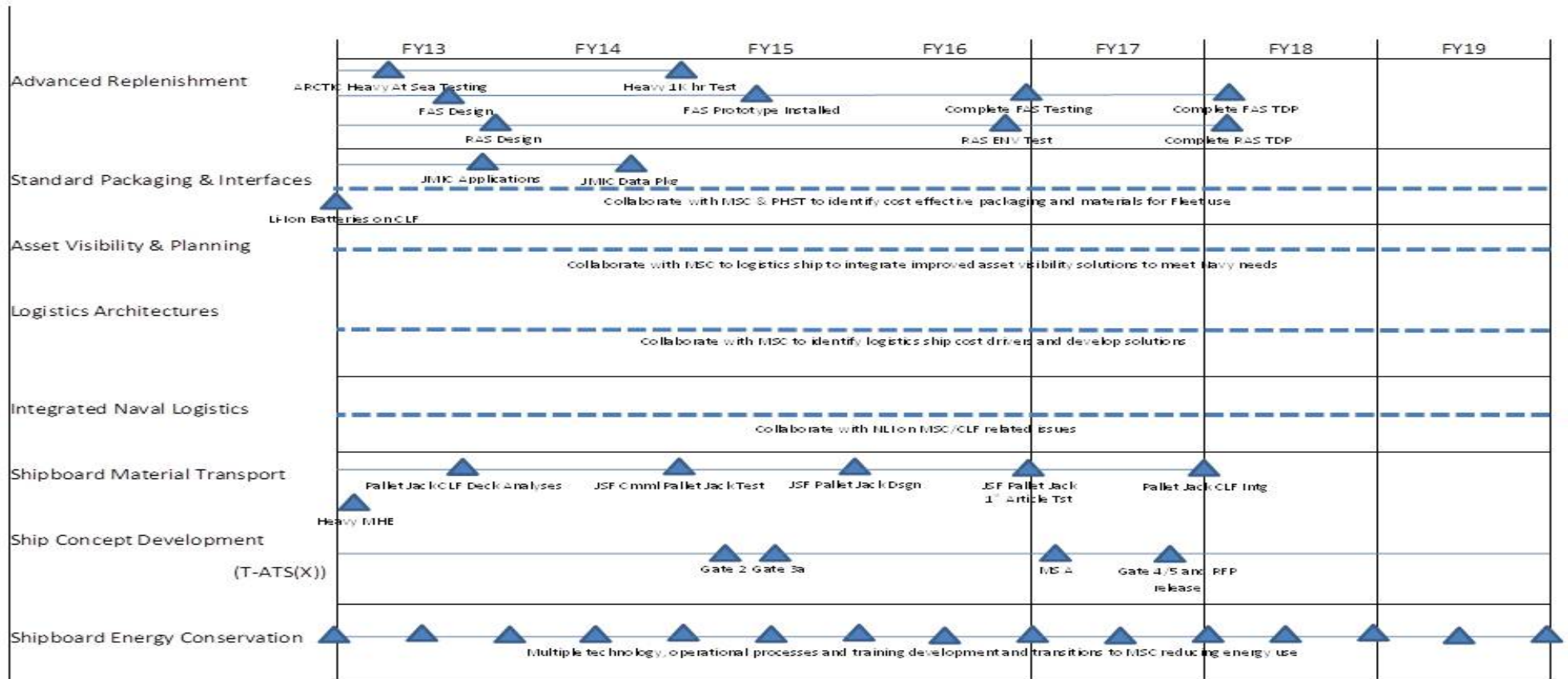
Exhibit R-4, RDT&E Schedule Profile: PB 2015 Navy

Date: March 2014

Appropriation/Budget Activity
1319 / 4

R-1 Program Element (Number/Name)
PE 0603564N / Ship Prel Design &
Feasibility Studies

Project (Number/Name)
3377 / Naval Operational Logistics
Integration



Note: FY 13/14 efforts funded under NDSF BA 04 Project 3117.

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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 0603564N / Ship Prel Design & Feasibility Studies				Project (Number/Name) 9999 / Congressional Adds			
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
9999: Congressional Adds	-	24.967	11.065	-	-	-	-	-	-	-	-	36.032
Quantity of RDT&E Articles	0.000	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
Note												
Beginning in FY13, Research and Development efforts for T-AO(X) (3417) is funded under RDTE,N PE 0603564N, PROJ C253 by a FY13 congressional add vice NDSF. FY14 RDTE,N efforts are funded under PROJ 3375C.												
A. Mission Description and Budget Item Justification												
T-AO(X) Design - Develop concept studies, ship design, and trade off studies in support of recapitalization of the existing T-AO 187 Fleet Oiler Class. The Navy's Combat Logistics Force (CLF) oilers supply fuel and dry cargo to Navy ships at sea. The T-AO(X) will operate as a shuttle ship from resupply ports to customer ships. Additionally, in conjunction with a T-AKE Dry Cargo/Ammunition Ship, they will accompany and stay on-station with a Carrier Strike Group (CSG) to provide fuel as required to customer ships.												
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2013	FY 2014			
Congressional Add: T-AO(X) - Cong								-	11.065			
FY 2013 Accomplishments: Efforts funded under RDTE,N PE 0603564N, PROJ C253.												
FY 2014 Plans: Efforts funded under RDTE,N PE 0603564N, PROJ C253. FY 2015 Plans: Support the conduct of OSD Pre-B Decision Point. Issue DD&C RFP after Pre-B Decision Point, begin conduct of source selection. Support development and staffing of Milestone B (MS B) documents. Develop Developmental Testing Phase A (DT-A) Report in support of MS B. Support conduct of Preliminary Survivability Assessment Report (PSAR). Coordinate efforts with NAVSEA, MSC, PEO Ships, CNO, ASN RD&A, OSD and Fleet.												
Congressional Add: TAO(X) Design								24.967	-			
FY 2013 Accomplishments: Supported the conducted of originally planned Milestone A. Issued Industry Studies RFP, conducting source selection and awarded Industry Studies contracts. Provided engineering support to the T-AO(X) design process and validation of requirements. Supported update of the T-AO(X) System Specification and began the development of the Detail Design and Construction (DD&C) RFP. Developed the												

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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 0603564N / <i>Ship Prel Design & Feasibility Studies</i>			Project (Number/Name) 9999 / <i>Congressional Adds</i>		

B. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014
<p>Service Cost Position (SCP) and conducted cost/capability tradeoffs and affordability analysis. Coordinated efforts with NAVSEA, MSC, PEO Ships, CNO, ASN RD&A, OSD and Fleet.</p> <p>FY 2014 Plans: Continue to provide engineering support for the T-AO(X) design process, validation of requirements and oversight of Industry Studies contracts. Support initial development and staffing of Pre-B documents. Support the conduct of Systems Functional Review (SFR). Coordination efforts with NAVSEA, MSC, PEO Ships, CNO, ASN RD&A, OSD and Fleet. FY 2014 efforts financed with FY 2013 carryover.</p>			
Congressional Adds Subtotals		24.967	11.065

C. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• SCN/5025: <i>Fleet Oiler Recapitalization T-AO(X)</i>	-	-	-	-	-	682.054	-	587.160	588.979	-	1,858.193

Remarks

D. Acquisition Strategy
The first Fleet Oiler will be awarded in FY16. Fleet oilers will comply with the Oil Pollution Act of 1990 (OPA-90) and International Marine Pollution Regulation (MARPOL) requirements.

E. Performance Metrics
None.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy												Date: March 2014			
Appropriation/Budget Activity 1319 / 4						R-1 Program Element (Number/Name) PE 0603564N / <i>Ship Prel Design & Feasibility Studies</i>						Project (Number/Name) 9999 / <i>Congressional Adds</i>			
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 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
Engineering Integration and Design	Various	SPAWAR, NSWC, NAVAIR, CSC & Alion : Charleston, Carderock & Pt Hueneme, Pax River & DC	0.000	5.150	Oct 2013	5.215	Jan 2015	-		-		-	-	10.365	-
Engineering System Spec Development	C/CPFF	Alion : DC	0.000	0.800	Sep 2013	-		-		-		-	-	0.800	-
Design Concepts/TOC/Trade Off Studies	TBD	Various : Various	0.000	9.000	Jul 2013	-		-		-		-	-	9.000	-
Expanded Industry Studies	Various	Various : Various	0.000	4.000	Nov 2013	-		-		-		-	-	4.000	-
Subtotal			0.000	18.950		5.215		-		-		-	-	24.165	-
Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 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
Integrated Logistics, Risk Management, RFP Development	C/CPFF	Alion : DC	0.000	1.000	Sep 2013	1.000	Jan 2015	-		-		-	-	2.000	-
MilestoneA/B & Pre-B Documentation Support	C/CPFF	Alion & CSC : DC	0.000	1.500	Sep 2013	2.000	Jan 2015	-		-		-	-	3.500	-
Subtotal			0.000	2.500		3.000		-		-		-	-	5.500	-
Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 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 Test & Evaluation	Various	Various : Various	0.000	0.550	Dec 2013	0.250	Jan 2015	-		-		-	-	0.800	-
Operational Test & Evaluation	Various	Various : Various	0.000	0.750	Dec 2013	0.350	Jan 2015	-		-		-	-	1.100	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy												Date: March 2014			
Appropriation/Budget Activity 1319 / 4						R-1 Program Element (Number/Name) PE 0603564N / Ship Prel Design & Feasibility Studies				Project (Number/Name) 9999 / Congressional Adds					
Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 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
Live Fire Test & Evaluation	Various	Various : Various	0.000	0.650	Dec 2013	0.350	Jan 2015	-		-		-	-	1.000	-
Subtotal			0.000	1.950		0.950		-		-		-	-	2.900	-
Management Services (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 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
Source Selection Documentation	WR	NSWC : Carderock	0.000	0.200	Sep 2013	0.900	Jan 2015	-		-		-	-	1.100	-
Program Management Support	C/CPFF	Alion & CSC : DC	0.000	1.367	Sep 2013	1.000	Jan 2015	-		-		-	-	2.367	-
Subtotal			0.000	1.567		1.900		-		-		-	-	3.467	-
			Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	24.967		11.065		-		-		-	-	36.032	-
Remarks															

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PE 0603564N: *Ship Prel Design & Feasibility Studies*
Navy

PE 0603564N: *Ship Prel Design & Feasibility Studies*
Navy

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Navy			Date: March 2014
Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0603564N / Ship Prel Design & Feasibility Studies	Project (Number/Name) 9999 / Congressional Adds	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 9999				
RELEASE T-AO(X) INDUSTRY STUDIES RFP	3	2013	3	2013
T-AO(X) PRE-B REVIEW DOCUMENTATION DEVELOPMENT	4	2013	3	2014
T-AO(X) INDUSTRY STUDIES AWARD	4	2013	4	2013
T-AO(X) GATE 3B	3	2014	3	2014
T-AO(X) GATE 4/5	4	2014	4	2014
T-AO(X) PRE-B REVIEW	1	2015	1	2015
RELEASE T-AO(X) DD&C RFP	1	2015	1	2015
T-AO(X) MS B DOCUMENTATION DEVELOPMENT	1	2015	1	2016
EVALUATE T-AO(X) DD&C PROPOSALS	4	2015	2	2016
T-AO(X) MILESTONE B	3	2016	3	2016
T-AO(X) 1601 DD&C AWARD	3	2016	3	2016
T-AO(X) 1801 DD&C OPTION	2	2018	2	2018
T-AO(X) 1901 DD&C OPTION	2	2019	2	2019