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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Navy	DATE: February 2012
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>				PE 0204202N: <i>DDG-1000</i>							
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	348.763	257.580	124.655	-	124.655	168.047	163.576	99.767	101.693	Continuing	Continuing
2464: <i>DD(X) Sys Design, Dev & Integration</i>	244.046	210.991	115.821	-	115.821	149.281	163.576	99.767	101.693	Continuing	Continuing
4009: <i>Advanced Gun System (AGS) on DD(X)</i>	104.717	46.589	8.834	-	8.834	18.766	-	-	-	0.000	178.906

A. Mission Description and Budget Item Justification

This Program Element (PE) provides funds for development of the DDG 1000 Class of U.S. Navy surface combatants. The mission of the DDG 1000 class is to provide credible independent forward presence/deterrence and operate as an integral part of Naval, Joint or Combined Maritime Forces. DDG 1000 will provide advanced land attack capability in support of the ground campaign and contribute to Naval, Joint or Combined battlespace dominance in littoral operations. DDG 1000 will establish and maintain surface and sub-surface superiority, provide local air defense, and incorporate signature reduction to operate in all threat environments. DDG 1000 will have seamless Joint Interoperability to integrate all source information for battlespace awareness and weapons direction.

In accordance with the Nunn McCurdy recertification 1 June 2010, the Department processed an FY 2011 \$170M Above Threshold Reprogramming (ATR) from this RDT&E,N line (0204202N) into the DDG-1000 SCN line (2119). The ATR was approved by Congress August 2011.

In FY13, the program retired 222M of risk.

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APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0204202N: <i>DDG-1000</i>
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B. Program Change Summary (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	549.241	261.604	340.009	-	340.009
Current President's Budget	348.763	257.580	124.655	-	124.655
Total Adjustments	-200.478	-4.024	-215.354	-	-215.354
• Congressional General Reductions	-	-0.024			
• Congressional Directed Reductions	-	-4.000			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-170.000	-			
• SBIR/STTR Transfer	-12.761	-			
• Program Adjustments	-	-	-215.211	-	-215.211
• Rate/Misc Adjustments	-	-	-0.143	-	-0.143
• Congressional General Reductions Adjustments	-2.717	-	-	-	-
• Congressional Directed Reductions Adjustments	-15.000	-	-	-	-

Change Summary Explanation

Decreased FY11 funding reflects implementation of DDG-1000 risk mitigation plan. Funding has been realigned to cover SCN cost risk in Mission Systems Equipment (MSE) procurement and ship construction labor and support hours, material costs, and changes necessary to meet ship delivery MSE requirements and IOC.

In FY13, the program retired 222M of risk.

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0204202N: DDG-1000				PROJECT 2464: DD(X) Sys Design, Dev & Integration			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
2464: DD(X) Sys Design, Dev & Integration	244.046	210.991	115.821	-	115.821	149.281	163.576	99.767	101.693	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
This project encompasses DDG 1000 development efforts required to deliver the Flight I DDG 1000 Class Ships. Major efforts include software requirements analysis, architectural and design code and unit testing, integration, qualification testing, and Independent Verification and Validation (IV&V) for Software Release 6 and Spiral Release; execution of Integrated Power Systems (IPS) and ship control system testing and integration; Live Fire Test and Evaluation (LFT&E), Developmental Testing, and Integrated Testing in support of the TEMP and development of Tomahawk Weapon Control System software. Funding for previous years is included in PE 0604300N.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011	FY 2012	FY 2013	
Title: Software Development								182.000	126.500	81.500	
								Articles: 0	0	0	
Description: Software Development											
FY 2011 Accomplishments: Incremental Software Release 6 and Spiral Release were structured to match Ship Activation and Test schedule including Integrated Power System (IPS), Ship Control System (SCS), Engineering Control System (ECS) releases, Self Defense Test Ship (SDTS) tactical release/Post Delivery Availability (PDA) release and Spiral Post Shakedown Availability (PSA) release. Total Ship Computing Environment (TSCE) Software Release 6-Hull, Mechanical, & Electrical (HM&E) Build entered into the Design, Code, Test and Integration phase and began Software Integration and Test (SWIT) activities. The following efforts continued in FY11: Conducted developmental software test planning, conducted test data analysis and reporting in accordance with the DDG 1000 Test and Evaluation Management Plan (TEMP). Performed total ship system design analysis. Performed systems engineering, developed, and integrated into the DDG 1000 System Electric Ship (ES). Continued development, testing and integrating the Common Display System (CDS) consoles. Began Integrated Power System (IPS) and Ship Control System (SCS) testing and integration at Naval Surface Warfare Center/Philadelphia.											
FY 2012 Plans: Continuation of development of Release 6 HM&E build to support Ship Activation and Test schedule. Software delivery to support initial light-off of engineering plant. Begin development of Release 6 SDTS/PDA software build.											
FY 2013 Plans:											

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APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0204202N: DDG-1000	PROJECT 2464: DD(X) Sys Design, Dev & Integration		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2011	FY 2012	FY 2013
Completion of Release 6 HM&E build. Continuation of development of Release 6 SDTS/PDA software build. Planned delivery of engineering builds to Self Defense Test Ship for TSCE Infrastructure (TSCEI) integration. Begin system engineering and development of Spiral PSA software release.				
Title: Test and Evaluation Description: Test and Evaluation Master Plan Execution FY 2011 Accomplishments: Completed Developmental Test (DTB2-210) Full Power Testing of Integrated Power System at Land Based Test Site Philadelphia. Initiated planning for Developmental Test (DTB2-260) Integrated Power System - Ship Control System - Engineering Control System Land Based Testing. Completed Developmental Test (DTB3-160) Nuclear Survivability Analysis. Completed Developmental Test (DTB3-350) Mission System Test/Software Testing. Continued Composite Blast Testing. Initiated Engineering Survivability Assessments. Continued signature range Non-Recurring Engineering (NRE) to upgrade ranges to support DDG 1000 Test and Evaluation. Initiate planning for Integrated Test (ITB1-120) Extended Sea Sparrow Missile (ESSM) engagements using Self Defense Test Ship. Initiate Volume Search Radar (VSR) removal study. FY 2012 Plans: Initiate planning for Developmental Test (DTB3-360) Software Release 6 (SR6) Software Testing. Continue Engineering Survivability Assessments for Live Fire Test and Evaluation. Initiate and complete AIREX, UNDEX Vulnerability and Recoverability Analysis for TEMP Live Fire Test and Evaluation. Complete Composite Blast Testing. Complete signature range upgrades to support DDG 1000 Test and Evaluation. Continue planning for Integrated Test (ITB1-120) ESSM engagements using the Self Defense Test Ship. Continue X-Band Multi-Function Radar (MFR) modification due to removal of S-Band Volume Search Radar (VSR) during Nunn-McCurdy certification. Complete Electronic Modular Enclosure (EME) shock qualification testing. FY 2013 Plans: Continue planning for Developmental Test (DTB3-360) Software Testing. Complete Engineering Survivability Assessments for Live Fire Test and Evaluation. Continue planning for Integrated Test (ITB1-120) ESSM engagements using the Self Defense Test Ship. Initiate procurements of test articles for Initial Operational Test and Evaluation (IOT&E), including Long Range Land Attack Projectile (LRLAP), SM-2, and ESSMs.		Articles: 50.046 0	77.815 0	33.821 0
Title: Management Support Description: Government and Contractor Engineering Support. FY 2011 Accomplishments:		Articles: 12.000 0	6.676 0	0.500 0

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APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>			R-1 ITEM NOMENCLATURE PE 0204202N: <i>DDG-1000</i>			PROJECT 2464: <i>DD(X) Sys Design, Dev & Integration</i>					
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)											
Provide government and contractor technical services for design engineering, radar engineering, and design manufacturing. Provide technical services for Tomahawk engineering and manufacturing development. Provide technical services for Weapons Systems Engineering Review Board (WSERB). FY 2012 Plans: Continue to provide government and contractor technical services for design engineering, radar engineering, and design manufacturing. Continue to provide technical services for Tomahawk engineering and manufacturing development. Continue to provide technical services for Weapons Systems Engineering Review Board (WSERB). FY 2013 Plans: Continue to provide government and contractor technical services for design engineering, radar engineering, and design manufacturing. Continue to provide technical services for Tomahawk engineering and manufacturing development. Continue to provide technical services for Weapons Systems Engineering Review Board (WSERB).							FY 2011	FY 2012	FY 2013		
Accomplishments/Planned Programs Subtotals							244.046	210.991	115.821		
C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u> <u>Base</u>	<u>FY 2013</u> <u>OCO</u>	<u>FY 2013</u> <u>Total</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• SCN/ 2119: <i>DDG 1000</i>	247.084	453.727	669.222	0.000	669.222	173.210	322.054	0.000	0.000	0.000	3,243.829
D. Acquisition Strategy A revised acquisition strategy has been determined that supports the DDG-1000/DDG-51 restart shipyard allocation workload MOAs. Execution of the MOAs shifted primary construction of all three DDG-1000 class ships to Bath Iron Works (BIW). Award of the DDG 1001/1002 to BIW occurred in September 2011.											
E. Performance Metrics Successfully achieve Milestone C. Successfully achieve Initial Operational Capability. Successfully complete Operation Test Readiness Review. Successfully complete Developmental Test/Operational Test.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy										DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0204202N: DDG-1000				PROJECT 2464: DD(X) Sys Design, Dev & Integration					
Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Ship Integration Development Phase IV	SS/CPAF	Raytheon:Tewksbury MA	501.771	120.500	Dec 2011	81.500	Oct 2012	-		81.500	Continuing	Continuing	Continuing
Ship Integration Development	SS/CPFF	Converteam:Pittsburgh, PA	6.250	6.000	Jan 2012	-		-		-	Continuing	Continuing	Continuing
Subtotal			508.021	126.500		81.500		-		81.500			
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Live Fire Test and Evaluation	Various	Various:Various	1.100	-		-		-		-	0.000	1.100	
Live Fire Test and Evaluation	WR	NSWC:Bethesda, MD	0.700	-		-		-		-	0.000	0.700	
Live Fire Test and Evaluation	C/CPIF	ROI:Mullica Hills, NJ	2.300	5.650	Jan 2012	-		-		-	Continuing	Continuing	Continuing
Test & Evaluation	SS/CPFF	Raytheon:Portsmouth, RI	53.126	20.480	Oct 2011	13.591	Oct 2012	-		13.591	Continuing	Continuing	Continuing
Test & Evaluation	C/CPIF	CSC:Washington, DC	0.300	0.600	Feb 2012	0.550	Dec 2012	-		0.550	0.000	1.450	
Test & Evaluation	SS/CPFF	JHU/APL:Laurel, MD	0.300	0.500	Jan 2012	4.260	Dec 2012	-		4.260	Continuing	Continuing	Continuing
Test & Evaluation	C/CPIF	TBD:TBD	0.800	0.900	Feb 2012	-		-		-	Continuing	Continuing	Continuing
Test & Evaluation	WR	NSWC:Dahlgren, VA	2.840	2.090	Nov 2011	1.450	Dec 2012	-		1.450	Continuing	Continuing	Continuing
Test & Evaluation	WR	NSWC:Bethesda, MD	7.210	1.900	Nov 2011	-	Dec 2012	-		-	Continuing	Continuing	Continuing
Test & Evaluation	WR	NSWC:Port Hueneme, CA	2.014	2.220	Oct 2011	4.270	Dec 2012	-		4.270	Continuing	Continuing	Continuing
Test & Evaluation	WR	NRL:Washington, DC	1.125	0.650	Nov 2011	0.020	Dec 2012	-		0.020	Continuing	Continuing	Continuing
Test & Evaluation	WR	NAWC:China Lake, CA	3.070	1.200	Nov 2011	1.200	Dec 2012	-		1.200	Continuing	Continuing	Continuing
Test & Evaluation	WR	SCSC:Wallops, Is, VA	6.127	-		1.240	Dec 2012	-		1.240	Continuing	Continuing	Continuing
Test & Evaluation	WR	COTF:Norfolk, VA.	2.634	1.260	Oct 2011	2.700	Dec 2012	-		2.700	Continuing	Continuing	Continuing
Test & Evaluation	TBD	BAE:Minneapolis, MN	-	-		-	Apr 2013	-		-	0.000	0.000	
Test & Evaluation	C/CPIF	ROI:Mullica Hills, NJ	27.071	-		3.200	Dec 2012	-		3.200	0.000	30.271	
Test & Evaluation	TBD	Raytheon:Tucson, AZ	-	40.360	Mar 2012	-	Dec 2012	-		-	0.000	40.360	

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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT					
1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				PE 0204202N: DDG-1000				2464: DD(X) Sys Design, Dev & Integration					
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test & Evaluation	WR	NUWC:Newport, RI	-	0.005	Nov 2011	-		-		-	0.000	0.005	
Test & Evaluation	WR	NSWC:Corona, CA	-	-		1.340	Dec 2012	-		1.340	0.000	1.340	
Subtotal			110.717	77.815		33.821		-		33.821			
Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Engineering Services	WR	NSWC:Dahlgren VA	6.781	1.200	Feb 2012	-		-		-	Continuing	Continuing	Continuing
Government Engineering Services	WR	NSWC:Philadelphia PA	8.488	-		-		-		-	0.000	8.488	
Government Engineering Services	WR	NSWC:Port Hueneme CA	3.091	1.000	Feb 2012	-		-		-	Continuing	Continuing	Continuing
Government Engineering Services	WR	NAWC:Patuxent River MD	6.934	1.300	Feb 2012	-		-		-	Continuing	Continuing	Continuing
Government Engineering Services	WR	NSWC:Bethesda MD	15.810	2.500	Feb 2012	-		-		-	Continuing	Continuing	Continuing
Government Engineering Services	Various	Other Govt Activities:Various	6.308	-		-		-		-	0.000	6.308	
Travel	Various	NAVSEA:Washington DC	1.400	0.676	Dec 2011	0.500	Dec 2012	-		0.500	Continuing	Continuing	Continuing
Contractor Engineering Support	SS/CPFF	General Dynamics:Fairfax, VA	5.614	-		-		-		-	0.000	5.614	
Contractor Engineering Support	SS/CPAF	Alion:Washington, DC	1.703	-		-		-		-	0.000	1.703	
Contractor Engineering Support	SS/CPFF	JHU/APL:Laurel, MD	2.696	-		-		-		-	0.000	2.696	
Contractor Engineering Support	SS/CPFF	EG&G:Fairfax, VA	0.200	-		-		-		-	0.000	0.200	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy											DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0204202N: <i>DDG-1000</i>				PROJECT 2464: <i>DD(X) Sys Design, Dev & Integration</i>						

Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Contractor Engineering Support	SS/CPAF	Sayres:Washington,DC	0.800	-		-		-		-	0.000	0.800	
Subtotal			59.825	6.676		0.500		-		0.500			

	Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	678.563	210.991		115.821		-		115.821			

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0204202N: <i>DDG-1000</i>	PROJECT 2464: <i>DD(X) Sys Design, Dev & Integration</i>

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Navy			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0204202N: <i>DDG-1000</i>	PROJECT 2464: <i>DD(X) Sys Design, Dev & Integration</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 2464</i>				
Software Release SR6/HM&E	2	2013	2	2013
Software Release SR6 Self Defense Test Ship/Post Delivery Availability	4	2014	4	2014
Software Release-Spiral Post Shakedown Availability	2	2016	2	2016

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APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0204202N: <i>DDG-1000</i>				PROJECT 4009: <i>Advanced Gun System (AGS) on DD(X)</i>			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
4009: <i>Advanced Gun System (AGS) on DD(X)</i>	104.717	46.589	8.834	-	8.834	18.766	-	-	-	0.000	178.906
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

These funds provide for the development of the Advanced Gun System (AGS) and the development, qualification and initial production of the Long Range Land Attack Projectile (LRLAP) associated with the development of DDG 1000. The AGS will consist of a major caliber gun, an automated ammunition handling system, and a guided projectile/propelling charge. The AGS will, at a minimum, meet the Land Attack and Surface Dominance Missions assigned to the gun system. The system will provide a high rate of fire (10 rounds per minute) with a magazine capacity of 600 rounds (total for both guns). LRLAP will be stored throughout its life cycle in an 8 round pallet which is handled by the AGS magazine. By palletizing the munition, AGS is able to significantly reduce manning and improve munition reliability, safety and resupply. System Design and Development began in FY06 with final land based qualification testing planned in FY13. The Long Range Land Attack Projectile (LRLAP) is a rocket-assisted projectile that will deliver a high explosive unitary payload with Global Positioning System (GPS) accuracy. Funding for previous years is included in PE 0604300N.

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

	FY 2011	FY 2012	FY 2013
Title: System Engineering, Development and Testing Articles: Description: System Engineering, Development and Testing FY 2011 Accomplishments: LRLAP System Design, development, guided flight tests and qualification testing. FY 2012 Plans: LRLAP System Design, development, guided flight tests and qualification testing. FY 2013 Plans: LRLAP guided flight tests and qualification testing.	77.787 0	36.589 0	8.834 0
Title: Procurement of Ordnance Test Assets Articles: Description: Procurement of Ordnance Test Assets FY 2011 Accomplishments:	26.930 0	10.000 0	-

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APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)			R-1 ITEM NOMENCLATURE PE 0204202N: DDG-1000			PROJECT 4009: Advanced Gun System (AGS) on DD(X)						
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2011		FY 2012		FY 2013	
Procurement of LRLAP rounds for qualification testing.												
FY 2012 Plans: Procurement of LRLAP rounds for qualification testing.												
Accomplishments/Planned Programs Subtotals							104.717		46.589		8.834	
C. Other Program Funding Summary (\$ in Millions)												
Line Item		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• SCN/2119: DDG 1000		247.084	453.727	669.222	0.000	669.222	173.210	322.054	0.000	0.000	0.000	3,243.829
D. Acquisition Strategy A revised acquisition strategy has been determined that supports the DDG-1000/DDG-51 restart shipyard allocation workload MOAs. Execution of the MOAs shifted primary construction of all three DDG-1000 class ships to Bath Iron Works (BIW). DDG 1001/1002 awarded to BIW 4th quarter FY11. AGS is developed via a sole source contract to BAE. Lockheed is the key supplier to BAE for LRLAP development.												
E. Performance Metrics Successfully achieve LRIP Decision. Successfully achieve Initial Operational Capability. Successfully complete LRLAP guided flights and Initial Operational Test and Evaluation (IOT&E) test events.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy											DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0204202N: DDG-1000				PROJECT 4009: Advanced Gun System (AGS) on DD(X)						
Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Primary Hardware Development	C/CPAF	BAE:Minneapolis MN	201.350	38.541	Dec 2011	4.000	Dec 2012	-		4.000	0.000	243.891		
Subtotal			201.350	38.541		4.000		-		4.000	0.000	243.891		
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Test and Evaluation	Various	Various:Not Specified	6.872	-		-		-		-	0.000	6.872		
Test and Evaluation	WR	White Sands Missile Range:New Mexico	1.686	3.910	Dec 2011	3.000	Nov 2012	-		3.000	0.000	8.596		
Subtotal			8.558	3.910		3.000		-		3.000	0.000	15.468		
Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Contractor Engineering Services	Various	Various:Not Specified	0.852	0.350	Dec 2011	0.246	Dec 2012	-		0.246	0.000	1.448		
Government Engineering Services	WR	NSWC DD:Dahlgren VA	2.291	2.592	Dec 2011	0.745	Nov 2012	-		0.745	0.000	5.628		
Government Engineering Services	WR	NSWC PHD:Pt Hueneme CA	0.590	0.226	Nov 2011	0.843	Nov 2012	-		0.843	0.000	1.659		
Government Engineering Services	WR	NSWC IHD:Indian Head MD	0.760	0.745	Dec 2011	-		-		-	0.000	1.505		
Government Engineering Services	WR	NAWC, China Lake:China Lake, CA	-	0.225	Dec 2011	-		-		-	0.000	0.225		
Subtotal			4.493	4.138		1.834		-		1.834	0.000	10.465		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy								DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)			R-1 ITEM NOMENCLATURE PE 0204202N: DDG-1000				PROJECT 4009: Advanced Gun System (AGS) on DD(X)				
	Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	214.401	46.589		8.834		-		8.834	0.000	269.824	

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0204202N: <i>DDG-1000</i>	PROJECT 4009: <i>Advanced Gun System (AGS) on DD(X)</i>

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Navy			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0204202N: <i>DDG-1000</i>	PROJECT 4009: <i>Advanced Gun System (AGS) on DD(X)</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 4009				
Low Rate Initial Production (LRIP)	3	2013	2	2015
Wpn Sys Explosive Safety Revw Bd (WSESRB)	3	2013	3	2013
LRIP Decision	1	2014	1	2014
Critical Design Review (CDR)	1	2013	1	2013
LRLAP Contract Award: PCs, Pallets	3	2013	3	2013
LRLAP Contract Award: LRLAPs	2	2014	2	2014
Component/AUR Qualification	1	2011	4	2013
Live Fire Tests	1	2011	4	2013
DT Guided Flights	1	2011	4	2013
Prop Charge/LRLAP Ship Delivery Structural Test Firings	3	2015	3	2015
AGS Build Production Unit	1	2011	3	2013
AGS Deliver to Test	3	2013	3	2013
Gun Mount #1 Production End	1	2012	1	2012
Gun Mount #1 Deliver to Test	2	2012	2	2012
Gun Mount #2 Production End	2	2012	2	2012
Gun Mount #2 Deliver to Test	3	2012	3	2012
AGS Magazine Production End	3	2012	3	2012
AGS Magazine Deliver to Test	3	2012	3	2012