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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Navy										Date: March 2014		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
1319: Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)					PE 0204202N / DDG-1000							
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	1,136.335	120.842	187.904	202.522	-	202.522	128.998	7.226	-	-	-	1,783.827
2464: DD(X) Sys Design, Dev & Integration	868.634	96.144	187.904	202.522	-	202.522	128.998	7.226	-	-	-	1,491.428
4009: Advanced Gun System (AGS) on DD(X)	267.701	24.698	-	-	-	-	-	-	-	-	-	292.399
MDAP/MAIS Code: 197												
# The FY 2015 OCO Request will be submitted at a later date.												
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.												
B. Program Change Summary (\$ in Millions)				FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total				
Previous President's Budget				124.655	187.910	185.793	-	185.793				
Current President's Budget				120.842	187.904	202.522	-	202.522				
Total Adjustments				-3.813	-0.006	16.729	-	16.729				
• Congressional General Reductions				-	-0.006							
• Congressional Directed Reductions				-	-							
• Congressional Rescissions				-	-							
• Congressional Adds				-	-							
• Congressional Directed Transfers				-	-							
• Reprogrammings				9.999	-							
• SBIR/STTR Transfer				-3.315	-							
• Program Adjustments				-	-	21.278	-	21.278				
• Rate/Misc Adjustments				-	-	-4.549	-	-4.549				
• Congressional General Reductions Adjustments				-10.497	-	-	-	-				

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PE 0204202N: *DDG-1000*
Navy

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy										Date: March 2014		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0204202N / DDG-1000				Project (Number/Name) 2464 / DD(X) Sys Design, Dev & 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
2464: DD(X) Sys Design, Dev & Integration	868.634	96.144	187.904	202.522	-	202.522	128.998	7.226	-	-	-	1,491.428
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 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 (DT), and Integrated Testing (IT) in support of the TEMP and development of Tomahawk Weapon Control System (TTWCS) software. Funding for previous years is included in PE 0604300N.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)										FY 2013	FY 2014	FY 2015
Title: Product / Software Development										64.501	85.131	77.531
										Articles: -	-	-
Description: Software Development												
FY 2013 Accomplishments: Completion of Release 6 Hull, Mechanical & Electrical (HM&E) build. Continuation of development of Release 6 Self Defense Test Ship/Post Delivery Availability (SDTS/PDA) software build. Delivery of engineering builds to SDTS for Total Ship Computing Environment Infrastructure (TSCEI) integration. Began system engineering and development of Post Shakedown Availability (PSA) software release.												
FY 2014 Plans: Complete development and test of Release 6 software build requirements for SDTS/PDA. Complete Multi-Function Radar (MFR) with Volume Search software modifications. Develop capability required to launch and control missiles for Integrated Test ITB-1. Continue development of software build to support PSA required capabilities for full operation of Integrated Undersea Warfare (IUSW), Surface Electronic Warfare Improvement Program (SEWIP), Tomahawk, and Vertical Launch Anti-Submarine Rocket (VLA). Develop corrections to HM&E and combat systems code in support of ship activation.												
FY 2015 Plans: Continue development of software build to support PSA required capabilities. Complete Post Delivery Availability (PDA) combat systems activation. Continue development of corrections to HM&E and combat systems code in support of ship activation. Support ship activation and SDTS, PDA and PSA software builds. Develop, integrate and test as required to correct issues to the												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy		Date: March 2014		
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0204202N / DDG-1000	Project (Number/Name) 2464 / DD(X) Sys Design, Dev & Integration		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2013	FY 2014	FY 2015
existing code base. Populate Data Centers to enable shipboard integrated training capability, support Overall Combat Systems Operability Test (OCSOT) implementation, and provide system redundancy in the event of operational casualty.				
Title: Test and Evaluation Articles: Description: Test and Evaluation Master Plan Execution FY 2013 Accomplishments: Continued planning for Developmental Test (DTB3-360) Software Testing. Completed Engineering Survivability Assessments for Live Fire Test and Evaluation. Continued planning for Integrated Test (ITB1-120) Extended Sea Sparrow Missile (ESSM) engagements using the Self Defense Test Ship (SDTS). Prepared for land based testing of Anti-Air Warfare (AAW) SDTS suite at SCSC Wallops Island. Continue development of Modeling and Simulation (M&S) probability of raid and annihilation (PRA) test bed. Initiated M&S measures of effectiveness (MOE) test bed. FY 2014 Plans: Procure test ordnance ESSM and STANDARD Missile 2 (SM-2) to conduct Integrated Test (ITB1 - SDTS and ITB3 - Lead Ship) for Anti-Air Warfare Mission Testing. Procure Long Range Land Attack Projectile (LRLAP) rounds, blast shapes, propellant charges and pallets to conduct Integrated Test (ITB3 - Lead Ship) Land Attack Mission Testing. Procure Tomahawk rounds to conduct Integrated Testing (ITB4 - Lead Ship) Land Attack Mission Testing. Conduct SDTS suite land based test at Wallops Island. Conduct DTB3-414 SPY 3 volume surveillance testing at SCSC Wallops Island. Prepare for installation of the AAW suite on the SDTS. Continue development of M&S PRA and MOE. FY 2015 Plans: Conduct Integrated Testing (ITB1-120) ESSM engagements using the SDTS. Demonstrate safe firing of a SM-2 on the SDTS. Conduct Integrated Testing (ITB3 - Lead Ship). Procure test ordnance ESSM and SM-2 to conduct Operational Testing and Follow-on Test and Evaluation (FOT&E) for Anti-Air Warfare Mission Testing. Plan Integrated Test (ITB4 - Lead Ship). Procure LRLAP rounds, blast shapes, and pallets to conduct Integrated Test (ITB4 - Lead Ship) Land Attack Mission. Continue development of M&S PRA and MOE. Plan Operational Evaluation.		31.243 -	102.373 -	124.700 -
Title: Management Support Articles: Description: Government and Contractor Engineering Support. FY 2013 Accomplishments: Continued to provide travel. FY 2014 Plans:		0.400 -	0.400 -	0.291 -

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy										Date: March 2014		
Appropriation/Budget Activity 1319 / 5				R-1 Program Element (Number/Name) PE 0204202N / DDG-1000				Project (Number/Name) 2464 / DD(X) Sys Design, Dev & Integration				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)										FY 2013	FY 2014	FY 2015
Continue to provide travel.												
FY 2015 Plans: Continue to provide travel.												
Accomplishments/Planned Programs Subtotals										96.144	187.904	202.522
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 / 2119: DDG 1000	668.339	231.694	419.532	-	419.532	213.368	140.253	-	-	-	3,807.529	
• OMN / 3B1K: Specialized Skill Training (BSO 24)	2.939	3.351	3.173	-	3.173	3.130	3.205	3.183	3.254	-	26.684	
• WPN / 2307: Evolved Sea Sparrow Missile	7.198	-	-	-	-	-	-	-	-	-	7.198	
• RDTE / 0439: Standard Missile Improvement	22.690	12.706	8.825	-	8.825	-	-	-	-	-	61.139	
• PANMC / 0198: LRLAP 6	6.553	3.906	113.092	-	113.092	105.875	93.691	84.961	77.084	-	485.162	
• OPN/9020: OPN Spares	-	4.844	0.975	-	0.975	6.500	-	-	-	-	12.319	
• SCN/5110: Outfitting/Post Delivery	9.130	34.144	79.772	-	79.772	79.262	68.516	7.295	45.957	148.546	476.564	
• OPN/0947: DDG 1000 Class Support Equipment	-	-	2.996	-	2.996	35.099	35.102	3.205	3.209	-	79.611	
• WPN/2356: Standard Missile Mods	-	-	-	-	-	16.600	-	-	-	-	16.600	
Remarks												
D. Acquisition Strategy												
A revised acquisition strategy has been determined that supports the DDG-1000/DDG-51 restart shipyard allocation workload Memorandum of Agreements (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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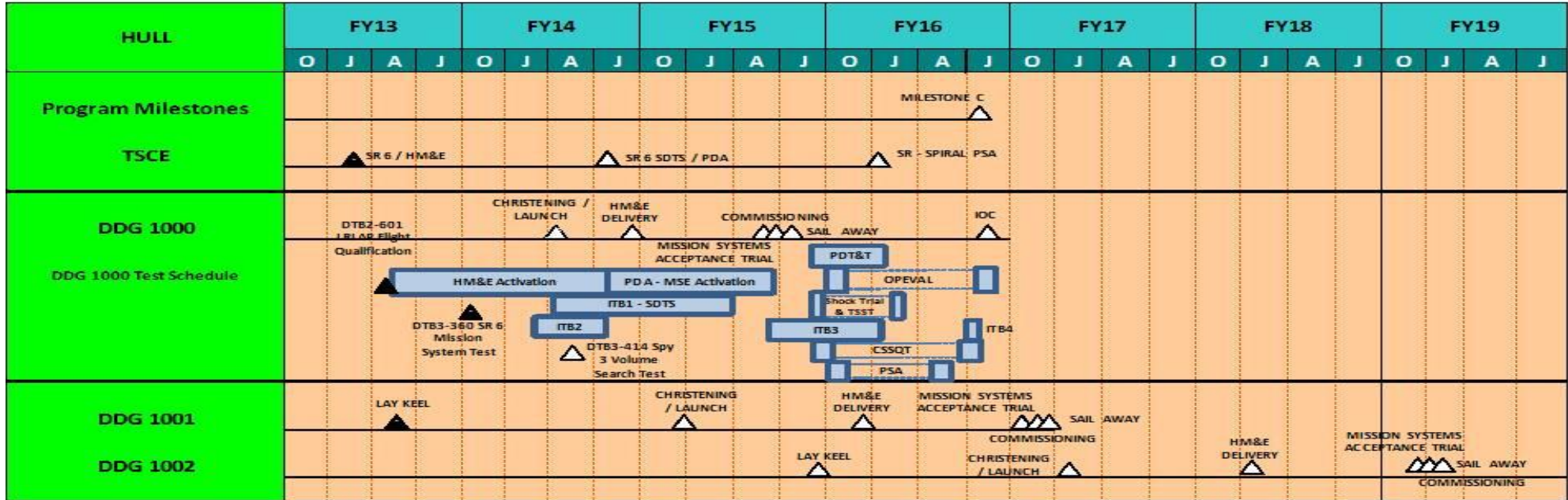
Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy												Date: March 2014			
Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0204202N / DDG-1000				Project (Number/Name) 2464 / DD(X) Sys Design, Dev & Integration					
Product Development (\$ in Millions)				FY 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
Ship Integration Development Phase IV	SS/CPAF	Raytheon : Tewksbury MA	650.131	64.501	Dec 2012	85.131	Jan 2014	77.531	Dec 2014	-		77.531	87.719	965.013	-
Ship Integration Development	SS/CPFF	Converteam : Pittsburgh, PA	12.250	-		-		-		-		-	-	12.250	-
Subtotal			662.381	64.501		85.131		77.531		-		77.531	87.719	977.263	-
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
SDTS (ITB1-120) / PRA TB	SS/CPFF	Raytheon : Portsmouth, RI	73.426	9.545	Oct 2012	16.981	Jan 2014	15.300	Dec 2014	-		15.300	2.200	117.452	-
T&E Engineering	C/CPIF	CSC : Washington, DC	0.815	0.915	Dec 2012	0.870	Feb 2014	0.991	Dec 2014	-		0.991	1.800	5.391	-
SDTS/PRA	Various	Various : Various	4.634	5.738	Dec 2012	11.094	Dec 2013	40.400	Nov 2014	-		40.400	28.475	90.341	-
PRA/MOE	C/CPIF	NSMA : Arlington, VA	1.700	1.796	Dec 2012	1.000	Feb 2014	2.000	Dec 2014	-		2.000	1.000	7.496	-
Eng/M&S/Cert Agents	WR	NSWC : Dahlgren, VA	4.576	1.352	Dec 2012	2.100	Dec 2013	2.100	Nov 2014	-		2.100	1.800	11.928	-
Integrated Test	WR	NSWC : Bethesda, MD	9.110	0.800	Dec 2012	1.700	Dec 2013	-		-		-	-	11.610	-
SDTS/PRA/Test Bed	Various	Various : Various	6.045	1.438	Nov 2012	1.230	Nov 2013	1.400	Nov 2014	-		1.400	0.200	10.313	-
SDTS	WR	SCSC : Wallops, Is, VA	6.127	0.586	Dec 2012	1.100	Dec 2013	-		-		-	-	7.813	-
Live Fire Test & Evaluation	C/CPIF	ROI : Mullica Hills, NJ	7.950	-		-		-		-		-	-	7.950	-
Live Fire Test and Evaluation	Various	Various : Various	1.800	-		-		-		-		-	-	1.800	-
OA/DT Assist	WR	COTF : Norfolk, VA.	3.770	1.102	Dec 2012	1.575	Dec 2013	4.406	Dec 2014	-		4.406	3.125	13.978	-
LRLAP Test Article ITB3/ ITB4 (EMD)	C/CPIF	BAE : Minneapolis, MN	0.000	-		23.250	Feb 2014	34.600	Dec 2014	-		34.600	0.900	58.750	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy												Date: March 2014			
Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0204202N / DDG-1000				Project (Number/Name) 2464 / DD(X) Sys Design, Dev & 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
LFT&E Engineering	C/CPIF	ROI : Mullica Hills, NJ	27.071	1.281	Dec 2012	6.900	Feb 2014	0.800	Dec 2014	-		0.800	0.800	36.852	-
ESSM/SM2	C/CPIF	Raytheon : Tucson, AZ	4.715	4.745	Dec 2012	3.600	Feb 2014	14.800	Dec 2014	-		14.800	10.239	38.099	-
MOE Test Bed	WR	NUWC : Newport, RI	0.005	0.573	Dec 2012	0.282	Nov 2013	1.803	Dec 2014	-		1.803	0.800	3.463	-
TTWCS	C/CPIF	Lockheed Martin : Valley Forge, PA	0.000	-		6.000	Feb 2014	-		-		-	-	6.000	-
Travel	Various	NAVSEA : Washington, DC	0.000	0.048	Oct 2012	0.049	Oct 2013	-		-		-	-	0.097	-
SDTS/Integrated Test	Various	PEO IWS : Washington, DC	0.000	1.049	Dec 2012	24.642	Dec 2013	3.400	Nov 2014	-		3.400	1.800	30.891	-
ITB4	C/CPFF	General Dynamics : ME	0.000	-		-		1.900	Dec 2014	-		1.900	-	1.900	-
T&E Engineering	WR	NSWC : Panama City, FL	0.000	0.275	Jan 2013	-		0.800	Dec 2014	-		0.800	-	1.075	-
Subtotal			151.744	31.243		102.373		124.700		-		124.700	53.139	463.199	-
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
Travel	Various	NAVSEA : Washington, DC	2.070	0.400	Dec 2012	0.400	Dec 2013	0.291	Dec 2014	-		0.291	0.400	3.561	-
Government Services Engineering	Various	Various : Various	52.439	-		-		-		-		-	-	52.439	-
Subtotal			54.509	0.400		0.400		0.291		-		0.291	0.400	56.000	-
			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			868.634	96.144		187.904		202.522		-		202.522	141.258	1,496.462	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Navy			Date: March 2014		
Appropriation/Budget Activity		R-1 Program Element (Number/Name)		Project (Number/Name)	
1319 / 5		PE 0204202N / DDG-1000		2464 / DD(X) Sys Design, Dev & Integration	



KEY

DAB
DAE
SR
HM&E
SDTS
PDA
PSA

DEFENSE ACQUISITION BOARD
DEFENSE ACQUISITION EXECUTIVE
SOFTWARE RELEASE
COMPLETED EVENT
HULL, MECHANICAL & ELECTRICAL
SELF-DEFENSE TEST SHIP
POST DELIVERY AVAILABILITY
POST SHAKEDOWN AVAILABILITY

IOC
IPS
ECS
LRLAP
PDT&T
TSST
OPEVAL

INITIAL OPERATIONAL CAPABILITY
INTEGRATED POWER SYSTEM
ENGINEERING CONTROL SYSTEM
LONG RANGE LAND ATTACK PROJECTILE
POST DELIVERY TEST & TRIALS
TOTAL SHIP SURVIVABILITY TEST
OPERATIONAL EVALUATION

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Navy		Date: March 2014
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0204202N / <i>DDG-1000</i>	Project (Number/Name) 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 Self Defense Test Ship/Post Delivery Availability	4	2014	4	2014
Conduct ITB-1-120 - SDTS	3	2014	2	2015
Software Release-Spiral Post Shakedown Availability	2	2016	2	2016
Conduct ITB-3	3	2015	2	2016

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy										Date: March 2014		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0204202N / DDG-1000				Project (Number/Name) 4009 / Advanced Gun System (AGS) on DD(X)			
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
4009: Advanced Gun System (AGS) on DD(X)	267.701	24.698	-	-	-	-	-	-	-	-	-	292.399
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												
These funds provided 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 consists 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 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 2013	FY 2014	FY 2015	
Title: System Engineering, Development and Testing									24.698	-	-	
									Articles: -	-	-	
Description: System Engineering, Development and Testing												
FY 2013 Accomplishments: LRLAP guided flight tests and qualification testing.												
FY 2014 Plans: N/A												
FY 2015 Plans: N/A												
Accomplishments/Planned Programs Subtotals									24.698	-	-	
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 / 2119: DDG 1000	668.339	231.694	419.532	-	419.532	213.368	140.253	-	-	-	3,807.529	

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Appropriation/Budget Activity 1319 / 5				R-1 Program Element (Number/Name) PE 0204202N / DDG-1000				Project (Number/Name) 4009 / Advanced Gun System (AGS) on DD(X)			
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
• OMN / 3B1K: Specialized Skill Training (BSO 24)	2.939	3.351	3.173	-	3.173	3.130	3.205	3.183	3.254	-	26.684
• WPN / 2307: Evolved Sea Sparrow Missile	7.198	-	-	-	-	-	-	-	-	-	7.198
• RDTE / 0439: Standard Missile Improvement	22.690	12.706	8.825	-	8.825	-	-	-	-	-	61.139
• PANMC/0198: LRLAP 6	6.553	3.906	113.092	-	113.092	105.875	93.691	84.961	77.084	-	485.162
• OPN/9020: OPN Spares	-	4.844	0.975	-	0.975	6.500	-	-	-	-	12.319
• SCN/5110: Outfitting/Post Delivery	9.130	34.144	79.772	-	79.772	79.262	68.516	7.295	45.957	148.546	476.564
• OPN/0947: DDG 1000 Class Support Equipment	-	-	2.996	-	2.996	35.099	35.102	3.205	3.209	-	79.611
• WPN/2356: Standard Missile Mods	-	-	-	-	-	16.600	-	-	-	-	16.600
Remarks											
D. Acquisition Strategy											
A revised acquisition strategy was 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 Integrated 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 2015 Navy												Date: March 2014			
Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0204202N / DDG-1000				Project (Number/Name) 4009 / Advanced Gun System (AGS) on DD(X)					
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	C/CPAF	BAE : Minneapolis MN	246.602	14.879	Dec 2012	-		-		-		-	-	261.481	-
Subtotal			246.602	14.879		-		-		-		-	-	261.481	-
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
Test and Evaluation	Various	Various : Not Specified	6.872	-		-		-		-		-	-	6.872	-
Test and Evaluation	WR	White Sands Missile Range : New Mexico	5.596	4.298	Nov 2012	-		-		-		-	-	9.894	-
Subtotal			12.468	4.298		-		-		-		-	-	16.766	-
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 Services	Various	Various : Not Specified	1.202	0.320	Dec 2012	-		-		-		-	-	1.522	-
Government Engineering Services	WR	NSWC DD : Dahlgren VA	4.883	2.470	Nov 2012	-		-		-		-	-	7.353	-
Government Engineering Services	WR	NSWC PHD : Pt Hueneme CA	0.816	0.321	Nov 2012	-		-		-		-	-	1.137	-
Government Engineering Services	WR	NSWC IHD : Indian Head MD	1.505	1.458	Nov 2012	-		-		-		-	-	2.963	-
Government Engineering Services	WR	NAWC, China Lake : China Lake, CA	0.225	0.952	Nov 2012	-		-		-		-	-	1.177	-
Subtotal			8.631	5.521		-		-		-		-	-	14.152	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy										Date: March 2014			
Appropriation/Budget Activity 1319 / 5				R-1 Program Element (Number/Name) PE 0204202N / DDG-1000				Project (Number/Name) 4009 / Advanced Gun System (AGS) on DD(X)					
	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	267.701	24.698		-		-		-		-	-	292.399	-

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Navy			Date: March 2014		
Appropriation/Budget Activity 1319 / 5		R-1 Program Element (Number/Name) PE 0204202N / DDG-1000		Project (Number/Name) 4009 / Advanced Gun System (AGS) on DD(X)	

	FY13				FY14				FY15				FY16				FY17				FY18				FY19			
LRLAP Phase/ Milestones	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
Reviews	Sys. Dev. and Demo																											
Major Component Tests	CDR																											
Guided Flight Tests	Component/AUR Qualification Live Fire Tests																											
	DT Guided Flights																											

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Navy		Date: March 2014
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0204202N / <i>DDG-1000</i>	Project (Number/Name) 4009 / <i>Advanced Gun System (AGS) on DD(X)</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 4009</i>				
Critical Design Review (CDR)	3	2013	3	2013
Component/AUR Qualification	1	2013	4	2013
Live Fire Tests	1	2013	4	2013
DT Guided Flights	1	2013	4	2013