Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy	Date: February 2015
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 6: *RDT&E Management Support*	**R-1 Program Element (Number/Name)** PE 0605863N *I RDT&E Ship & Aircraft Support*

COST ($ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	0.000	140.064	138.304	132.122	-	132.122	109.742	97.961	97.551	100.417	Continuing	Continuing
0568: *RDT&E Acft Flt Hours*	0.000	33.762	33.723	33.187	-	33.187	33.930	33.963	34.605	35.750	Continuing	Continuing
0569: *RDT&E Acft Supt*	0.000	36.003	35.980	35.014	-	35.014	36.744	37.037	37.731	38.982	Continuing	Continuing
2924: *SDTS*	0.000	8.305	7.575	10.310	-	10.310	11.186	11.333	11.435	11.627	Continuing	Continuing
3206: *T&E Enterprise*	0.000	61.994	61.026	53.611	-	53.611	27.882	15.628	13.780	14.058	Continuing	Continuing

A. Mission Description and Budget Item Justification

This continuing program provides support for ships and aircraft required to accommodate Research, Development, Test and Evaluation (RDT&E) of new systems. The RDT&E ship and aircraft inventory is required to adequately test new and improved weapon systems, stay current with threats, and increase warfighting capability of the fleet. The program provides integrated logistics support for aircraft at selected field activities; provides depot-level rework of aircraft, engines, and components for the Navy inventory of RDT&E aircraft; and provides support for ships and aircraft bailed to contractors for Navy RDT&E projects. Costs covered under this element include aircrew training and proficiency, fuel, supplies, equipment, repair, Aviation Depot Level Repairables, overhaul of ships and aircraft, as well as organizational, intermediate, and depot maintenance of ships and aircraft in the Navy RDT&E inventory.

JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under RESEARCH, DEVELOPMENT, TEST and EVALUATION MANAGEMENT SUPPORT because it supports efforts directed toward sustaining or modernizing installations or operations required for general research, development, test and evaluation.

B. Program Change Summary ($ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	141.778	138.304	94.259	-	94.259
Current President's Budget	140.064	138.304	132.122	-	132.122
Total Adjustments	-1.714	-	37.863	-	37.863
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.714	-			
• Program Adjustments	-	-	3.130	-	3.130
• Rate/Misc Adjustments	-	-	34.733	-	34.733

Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy	Date: February 2015
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 6: *RDT&E Management Support*	**R-1 Program Element (Number/Name)** PE 0605863N *I RDT&E Ship & Aircraft Support*

Change Summary Explanation

The FY 2016 funding request was reduced by -$5.7 million to account for the availability of prior year execution balances.

Technical:
Multi Stage Super-sonic TECP-1 development efforts were added to PU 3206 in 2016-2019

Schedule: Not applicable.

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy			Date: February 2015
Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number/Name) PE 0605863N / *RDT&E Ship & Aircraft Support*	Project (Number/Name) 0568 / *RDT&E Acft Flt Hours*	

COST ($ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
0568: *RDT&E Acft Flt Hours*	-	33.762	33.723	33.187	-	33.187	33.930	33.963	34.605	35.750	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Research, Development, Test and Evaluation (RDT&E) Aircraft Flight Hours. This non-acquisition project supports direct flight hour costs, including organizational and intermediate level maintenance, as well as associated consumables, including petroleum, oil, and lubricants. These flight hours are used for post-maintenance test flights, aircrew training, and the accomplishment of pilot proficiency requirements (approximately three hours per pilot per month), in support of Research and Development programs at four Naval Air Systems Command/Naval Surface Warfare Center/Office of Naval Research flight activities.

JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under RESEARCH, DEVELOPMENT, TEST and EVALUATION MANAGEMENT SUPPORT because it supports efforts directed toward sustaining or modernizing installations or operations required for general research, development, test and evaluation.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: RDT&E Acft Flt Hours	33.762	33.723	33.187	-	33.187
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Continue to provide planned organizational and intermediate-level maintenance, supply and petroleum, oil and lubricants in support of RDT&E aircraft operations.					
FY 2015 Plans: Continue to provide planned organizational and intermediate-level maintenance, supply and petroleum, oil and lubricants in support of RDT&E aircraft operations.					
FY 2016 Base Plans: Continue to provide planned organizational and intermediate-level maintenance, supply and petroleum, oil and lubricants in support of RDT&E aircraft operations.					
FY 2016 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	33.762	33.723	33.187	-	33.187

C. Other Program Funding Summary ($ in Millions)

N/A

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 6	**R-1 Program Element (Number/Name)** PE 0605863N / *RDT&E Ship & Aircraft Support*	**Project (Number/Name)** 0568 / *RDT&E Acft Flt Hours*

C. Other Program Funding Summary ($ in Millions)

Remarks

D. Acquisition Strategy

Not Applicable

E. Performance Metrics

This Research, Development, Test and Evaluation (RDT&E) Aircraft program supports approximately three hours per pilot per month of post-maintenance test flights, aircrew training and the accomplishment of pilot proficiency requirements.

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy			Date: February 2015
Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number/Name) PE 0605863N / *RDT&E Ship & Aircraft Support*	Project (Number/Name) 0569 / *RDT&E Acft Supt*	

COST ($ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
0569: *RDT&E Acft Supt*	-	36.003	35.980	35.014	-	35.014	36.744	37.037	37.731	38.982	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Research, Development, Test and Evaluation (RDT&E) Aircraft Support. This continuing project funds costs associated with RDT&E fixed and rotary wing aircraft which accommodate test and evaluation of aircraft/weapon systems. Testing aboard these platforms reduces the number of fleet units required to support RDT&E efforts. Included in these costs are Aviation Depot-Level Repairables (AVDLR), which are spare and replacement aircraft parts and components to support overhead maintenance related flight operations, aircrew training, and proficiency flight hours. This project also funds airframe Standard Depot Level Maintenance (SDLM), the Integrated Maintenance Concept (IMC) and Phased Depot Maintenance (PDM), in-service repairs, emergency repairs, and engine repairs, as well as aircraft material condition and field inspections. Additionally, it funds Aircraft Structure Periodic Adjustments (ASPA), Individual Material Readiness List (IMRL) tools and support equipment, and other systems for application to and compatibility with RDT&E requirements.

JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under RESEARCH, DEVELOPMENT, TEST and EVALUATION MANAGEMENT SUPPORT because it supports efforts directed toward sustaining or modernizing installations or operations required for general research, development, test and evaluation.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: Aircraft/Engine Maintenance and AVDLR/IMRL Support	34.333	34.377	33.523	-	33.523
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Continue planned transition from ASPA/SDLM to the IMC/PDM program for depot maintenance requirements, while sustaining the following programs: AVDLR/IMRL, engine repairs, support of aircraft in the RDT&E inventory. Continue operation and implementation of maintenance and material management programs at Naval Air Warfare Center activities.					
FY 2015 Plans: Continue planned transition from ASPA/SDLM to the IMC/PDM program for depot maintenance requirements, while sustaining the following programs: AVDLR/IMRL, engine repairs, support of aircraft in the RDT&E inventory. Continue operation and implementation of maintenance and material management programs at Naval Air Warfare Center activities.					
FY 2016 Base Plans:					

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 6	**R-1 Program Element (Number/Name)** PE 0605863N / *RDT&E Ship & Aircraft Support*	**Project (Number/Name)** 0569 / *RDT&E Acft Supt*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Continue planned transition from ASPA/SDLM to the IMC/PDM program for depot maintenance requirements, while sustaining the following programs: AVDLR/IMRL, engine repairs, support of aircraft in the RDT&E inventory. Continue operation and implementation of maintenance and material management programs at Naval Air Warfare Center activities. ***FY 2016 OCO Plans:*** N/A					
Title: In-Service Repairs	1.670	1.603	1.491	-	1.491
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Continue to provide planned In-Service Repair funds for emergent repair requirements to aircraft performing mission critical test and evaluation projects. ***FY 2015 Plans:*** Continue to provide planned In-Service Repair funds for emergent repair requirements to aircraft performing mission critical test and evaluation projects. ***FY 2016 Base Plans:*** Continue to provide planned In-Service Repair funds for emergent repair requirements to aircraft performing mission critical test and evaluation projects. ***FY 2016 OCO Plans:*** N/A					
Accomplishments/Planned Programs Subtotals	36.003	35.980	35.014	-	35.014

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 6	**R-1 Program Element (Number/Name)** PE 0605863N / *RDT&E Ship & Aircraft Support*	**Project (Number/Name)** 0569 / *RDT&E Acft Supt*

E. Performance Metrics

The Research, Development, Test & Evaluation Aircraft Support program goal is to provide the required funds to meet NAVAIR Aircraft Controlling Custodian aircraft sustainment requirements. These sustainment costs include providing annual support for required Planned Depot Maintenance events, In-service Repairs (P&E, Repairs, Mods), Depot Engine Inductions, Individual Material Readiness List Repairs, along with the funding of management oversight of the aircraft and the Aviation Depot Level Repairable costs associated with pilot readiness requirements.

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy			Date: February 2015
Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number/Name) PE 0605863N / *RDT&E Ship & Aircraft Support*	Project (Number/Name) 2924 / *SDTS*	

COST ($ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
2924: *SDTS*	-	8.305	7.575	10.310	-	10.310	11.186	11.333	11.435	11.627	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This project provides for the Hull Mechanical and Electrical (HM&E) and remote control system maintenance aboard the Self-Defense Test Ship (SDTS) in support of the Navy Research, Development, Test and Evaluation (RDT&E) of ship self-defense systems. Testing aboard this ship provides the capability to safely test self-defense weapon systems within their minimum range and reduces the number of fleet units required to support RDT&E efforts.

Funds are used to purchase expendable supplies, routine equipment maintenance, and repairs and supporting services.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: SDTS	8.305	7.575	10.310	-	10.310
Articles:	-	-	-	-	-
FY 2014 Accomplishments: NSWC PHD continued to conduct planning, scheduling and performing routine HM&E, combat systems and remote control systems maintenance on the SDTS to provide the Navy a safe operational test asset.					
FY 2015 Plans: NSWC PHD continues to conduct management, operation, maintenance and repair/upgrade of ship Hull, Mechanical and Electrical (HM&E) critical items to ensure ongoing safe operation, and performance of the SDTS. Maintain, operate, configure and upgrade the Test Ship Remote Control System (TSRCS) and associated infrastructure in support of T&E requirements onboard SDTS to support the AW SSD Enterprise T&E TEMP 1714 efforts. NSWC PHD will conduct a complex pier side availability to install and test the combat systems elements for the DDG 1000, LSD 50 and LCS 6.					
FY 2016 Base Plans: NSWC PHD continues to conduct management, operation, maintenance and repair/upgrade of ship Hull, Mechanical and Electrical (HM&E) critical items to ensure ongoing safe operation, and performance of the SDTS. Maintain, operate, configure and upgrade the Test Ship Remote Control System (TSRCS) and associated infrastructure in support of T&E requirements onboard SDTS to support the AW SSD Enterprise T&E TEMP 1714 efforts. NSWC PHD will conduct a complex pier side availability to install and test the combat systems elements for the CVN 78 and LCS 5.					

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 6	**R-1 Program Element (Number/Name)** PE 0605863N / *RDT&E Ship & Aircraft Support*	**Project (Number/Name)** 2924 / *SDTS*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
The $2.7M increase in cost between FY15 and FY16 is due to the anticipated costs to conduct the pier side availability to install and test the combat systems elements onboard the SDTS for CVN78 and LCS5 in FY16 versus the costs to do the same for the DDG1000, LSD50 and LCS6 in FY15. The increase covers the Carrier testing requirements which are larger and more complex than the other ship classes. ***FY 2016 OCO Plans:*** N/A					
Accomplishments/Planned Programs Subtotals	8.305	7.575	10.310	-	10.310

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

This line of accounting is for recurring HM&E and ship maintenance.

E. Performance Metrics

1. Ability to successfully remain safe and operationally available to support testing and evaluation of systems while in an unmanned, remotely controlled mode.
2. Successful development of applicable operation and maintenance documentation and reporting of installations.
3. Successful and timely delivery of funding status, schedule and technical delays and other issues.

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy			Date: February 2015
Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number/Name) PE 0605863N / *RDT&E Ship & Aircraft Support*	Project (Number/Name) 3206 / *T&E Enterprise*	

COST ($ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
3206: *T&E Enterprise*	-	61.994	61.026	53.611	-	53.611	27.882	15.628	13.780	14.058	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The T&E Enterprise consolidates all Air Warfare (AW) Ship Self Defense (SSD) at-sea testing across multiple class ships, beginning with CVN-74, LHD-8, LPD-17, LSD-50, LHA-6, DDG-1000, CVN-78, and Littoral Combat Ship (LCS) versions 5 and 6. This consolidated AW SSD test and evaluation approach meets the Probability of Raid Annihilation (PRA) (PRA is defined as a required surface ship defense against Anti-Ship Cruise Missiles), Self Defense Test Ship (SDTS) testing requirements as outlined in Air Warfare Ship Self Defense Enterprise TEMP 1714, and lead/operational ship testing requirements for Extended Sea Sparrow Missile (ESSM) TEMP 1471, Rolling Airframe Missile (RAM) Blk 2 TEMP 286-1, DDG 1000 TEMP 1560, CVN 78 TEMP 1610, Cooperative Engagement Capability (CEC) TEMP 1415, SSDS TEMP 1400, LHA 6 TEMP 1697, AN/SPQ-9B TEMP 1463, Surface Electronic Warfare Improvement Program (SEWIP) TEMP 1658 (Block 1A), 0686, and LCS TEMP 1695.

Enterprise Cost elements:
a) SDTS Acquisition includes the direct procurement costs of major Combat Systems (CS) elements which will be installed on the Self Defense Test Ship (SDTS).

b) SDTS Summary includes installation, check-out and stage testing of the major combat systems elements on the SDTS.

c) SDTS Test includes tracking and firing exercises versus single and dual, subsonic and supersonic Anti-Ship Cruise Missile (ASCM) threat surrogates for ship classes in the Enterprise TEMP from the SDTS including: LHA-6, LSD-50, DDG-1000, LCS-5, LCS-6 and CVN-78.

d) Lead Ship Test includes tracking and firing exercises versus single and dual, subsonic and supersonic ASCM threat surrogates for ship classes in the Enterprise TEMP from the Lead Ship including: LHA-6, LSD-50, LCS-5, LCS-6 and CVN-78.

e) Testbed includes all modeling and simulation (M&S) costs required to create OT-quality digital representations of shipboard combat system performance including infrastructure, distributed secure network, common environmental services for Developmental Test (DT) and Operational Test (OT).

f) Enterprise Testing and Planning includes the contractor and government costs to administer the Enterprise, collect and distribute data from live events, maintain Information Assurance (IA) certifications, and financial management.

g) Maintenance of CS includes the costs for the routine preventive maintenance and repairs of the Combat Systems elements on the SDTS.

The T&E Enterprise merges common ship, element, and system requirements into the least number of test events while leveraging planned Combat System Ship Qualification Trials (CSSQTs) to accomplish Developmental Testing (DT) and Operational Testing (OT) requirements. All tests on the SDTS require the sharing of

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 6	**R-1 Program Element (Number/Name)** PE 0605863N / *RDT&E Ship & Aircraft Support*	**Project (Number/Name)** 3206 / *T&E Enterprise*

infrastructure, missile range allocations, execution time and underway time to eliminate duplicative testing. T&E Enterprise preserves end-to-end mission Operational Testing in a realistic operational environment, capitalizing on Probability of Raid Annihilation Modeling and Simulation (M&S) data validated with results of that Operational Testing, and ensuring a consistent approach across ship classes. Applicability of all test events is beneficial across multiple ship classes with the same variation under test.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: T&E Enterprise	61.994	61.026	53.611	-	53.611
Articles:	-	-	-	-	-
FY 2014 Accomplishments: The FY14 costs included the acquisition of major combat systems elements for installation on the SDTS: 1) SPS-75, the air search RADAR used on LCS 5; 2) The COMBATTS-21 Combat Management System used on LCS 5; 3) CEC software patch used on the CVN 78; 4) Open Architecture (OA) version of the Mk 2 SSDS, the combat direction system used on CVN-78; and 5) SEWIP Block 2, the electronic warfare system used on CVN-78. Conducted LHA 6 based Ship Self Defense System (SSDS), Rolling Airframe Missile (RAM) BLK 2, and Evolved Sea Sparrow Missile (ESSM) at-sea stressing Anti-Ship Cruise Missile (ASCM) Self-Defense testing on the Self Defense Test Ship (SDTS) Conducted Probability of Raid Annihilation (PRA) Testbed Developmental Tests (DT) that achieved significant advancements in capability to assess end-to-end, closed-loop integrated hardkill/softkill layered defense engagements of the LHA 6, LSD 50, and LCS 6 configurations. Beginning in FY14 the Enterprise assumed responsibility for the maintenance of all combat systems elements on the SDTS. Beginning in FY14 the Enterprise assumed responsibility for 20% of the maintenance of the Remote Control System used with the SDTS. Conducted Information Assurance/Cybersecurity efforts on the SDTS in support of ET&E. Begin research and development efforts and initial systems engineering artifacts, support and planning for the production of digital models for the Multi Stage Separating Target (MSST) Threat Engineering Characterization Package (TECP-1) project.					
FY 2015 Plans: The Enterprise will finish testing of the LHA 6 based SSDS, RAM BLK 2, and ESSM at-sea stressing ASCM Self-Defense live fire testing on the SDTS to support the PRA Testbed model.					

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 6	**R-1 Program Element (Number/Name)** PE 0605863N / *RDT&E Ship & Aircraft Support*	**Project (Number/Name)** 3206 / *T&E Enterprise*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
The Enterprise intends to complete two developmental tests in PRA Testbed during FY15. The first test will include three Enterprise Ship Class configurations: LHA 6, LCS 6, and LSD. The second test will include incremental improvements to each of those three Ship Class configurations. The second test will also be the last major delivery of functionality preceding the LHA 6 PRA Assessment in FY 16. FY15 activities include a 9 month pier side industrial availability beginning in spring CY15 during which time the DDG-1000 Multi-Function Radar (MFR) and Total Ships Computing Environment (TSCE) will begin to be installed on the ship. Structural and electronic modifications will be made to MK 41 VLS to function as a MK 57 VLS. During this same availability, the LSD-50 SSDS Mk 2 Mod 5C equipment will begin its installation. Installation of the LCS 6 Combat System configuration (to include SeaRAM). Upon completion of the availability the ship will undergo testing to ensure the combat systems elements are properly installed and safe to operate. Continue research and development efforts and initial systems engineering artifacts, support and planning for the production of digital models for the MSST TECP-1 project. The Enterprise will continue routine maintenance, IA/Cybersecurity Certification and Accreditation on combat systems elements and the remote control system on the SDTS. ***FY 2016 Base Plans:*** The Enterprise will conclude a 9 month pier side industrial availability during which time the DDG-1000 Multi-Function Radar (MFR) and Total Ships Computing Environment (TSCE) will have been installed on the ship. Structural and electronic modifications will have been made to MK 41 VLS to function as a MK 57 VLS. During this same availability, the LSD-50 SSDS Mk 2 Mod 5C equipment will have been installed as well. Installation of the LCS 6 Combat System configuration (to include SeaRAM) will be completed. Upon completion of the availability the ship will undergo testing to ensure the combat systems elements are properly installed and safe to operate. Conduct LCS 6, LSD 50, and DDG 1000 at-sea stressing Anti-Ship Cruise Missile (ASCM) Self-Defense live fire testing on the Self Defense Test Ship (SDTS) and Lead test events on LCS 6, DDG 1000, and LSD 50. Conduct LHA 6 PRA Assessment					

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 6	**R-1 Program Element (Number/Name)** PE 0605863N / *RDT&E Ship & Aircraft Support*	**Project (Number/Name)** 3206 / *T&E Enterprise*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Plan and begin an SDTS pier side industrial availability to install the LCS 5 and CVN 78 Configuration The Enterprise will continue routine maintenance, IA/Cybersecurity Certification and Accreditation on combat systems elements and the remote control system on the SDTS. Continue to develop systems engineering artifacts and digital models for MSST TECP-1 development and application. Stand up a strategic working group for long range ET&E planning (e.g. LX-R, Rail Gun) ***FY 2016 OCO Plans:*** N/A					
Accomplishments/Planned Programs Subtotals	61.994	61.026	53.611	-	53.611

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

Acquire CS elements for Enterprise Ship Classes.
Acquire LCS CS elements in FY14 and FY15 and CVN-78 CS elements in FY15.
Acquisition of systems is tailored to each ship class with benefits across multiple classes with similar CS elements.

E. Performance Metrics

Successfully complete required documentation and reporting for Enterprise installations and required check out and testing of installations. Successfully complete all Enterprise Operational Test Readiness Reviews (OTRR). Successfully complete required Enterprise developmental testing/operational testing DT/OT testing and combat system ship qualification trials (CSSQT) related tests with 0 casualty delays. Successfully collect related test result data and distribute accordingly.