Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Navy	Date: February 2016
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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	0.000	127.634	132.122	106.093	-	106.093	97.775	97.023	99.338	101.471	Continuing	Continuing
0568: *RDT&E Acft Flt Hours*	0.000	33.723	33.187	32.283	-	32.283	33.611	34.234	35.394	36.154	Continuing	Continuing
0569: *RDT&E Acft Supt*	0.000	35.853	35.014	36.536	-	36.536	36.665	37.157	38.073	38.884	Continuing	Continuing
2924: *SDTS*	0.000	7.568	10.310	11.476	-	11.476	11.323	11.412	11.596	11.841	Continuing	Continuing
3206: *T&E Enterprise*	0.000	50.490	53.611	25.798	-	25.798	16.176	14.220	14.275	14.592	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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Previous President's Budget	138.304	132.122	109.742	-	109.742
Current President's Budget	127.634	132.122	106.093	-	106.093
Total Adjustments	-10.670	0.000	-3.649	-	-3.649
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-9.999	0.000			
• SBIR/STTR Transfer	-0.671	0.000			
• Program Adjustments	0.000	0.000	0.014	-	0.014
• Rate/Misc Adjustments	0.000	0.000	-3.663	-	-3.663

Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Navy	Date: February 2016
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

In FY 2015, the T&E Enterprise project was reduced by -$9.999 million due to schedule shift of DDG1000 equipment installation and checkout (INCO) on the Self Defense Test Ship (SDTS) from a 2015 industrial availability to an FY16-FY17 industrial availability.

The FY 2017 request was reduced by -$1.6 million due to the availability of prior year execution balances and by -$2.7 million as required for the Department of the Navy to comply with the Bipartisan Budget Act of 2015.

The funding increase from FY 2016 to FY 2017 for RDT&E Aircraft Support supports an increase in Phased Depot Maintenance (PDM) costs. The increase in PDM costs are associated to multiple KC-130T's and P-8A's that are scheduled for depot maintenance in FY17.

The funding increase from FY 2016 to FY 2017 for Self Defense Test Ship (SDTS) supports the work package development and purchase of long lead items for the SDTS drydock scheduled for FY19. Planned work includes ultrasonic testing of the hull, stern tube seal repair, main propulsion shafting repair/replace, fuel oil tank refurbishment and a myriad of other HM&E systems repair or upgrades

Technical: TECP-1 development efforts were added to PU 3206 in 2016-2019.

Schedule: Not applicable.

Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy			Date: February 2016
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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
0568: *RDT&E Acft Flt Hours*	0.000	33.723	33.187	32.283	-	32.283	33.611	34.234	35.394	36.154	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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Title: RDT&E Acft Flt Hours	33.723	33.187	32.283	0.000	32.283
Articles:	-	-	-	-	-
FY 2015 Accomplishments: Continue to provide planned organizational and intermediate-level maintenance, supply and petroleum, oil and lubricants in support of RDT&E aircraft operations.					
FY 2016 Plans: Continue to provide planned organizational and intermediate-level maintenance, supply and petroleum, oil and lubricants in support of RDT&E aircraft operations.					
FY 2017 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 2017 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	33.723	33.187	32.283	0.000	32.283

C. Other Program Funding Summary ($ in Millions)

N/A

Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy		Date: February 2016
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 2017 Navy			Date: February 2016
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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
0569: *RDT&E Acft Supt*	0.000	35.853	35.014	36.536	-	36.536	36.665	37.157	38.073	38.884	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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Title: Aircraft/Engine Maintenance and AVDLR/IMRL Support	34.250	33.523	35.936	0.000	35.936
Articles:	-	-	-	-	-
Description: The increase from FY16 and FY17 reflects an increase in Phased Depot Maintenance (PDM) costs. The increase in PDM costs are associated to multiple KC-130T's and P-8A's that are scheduled for depot maintenance in FY17. PDM costs, AVDLR/IMRL, engine repairs and support costs, are all reflected within the same accomplishment.					
FY 2015 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 2016 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					

Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy		Date: February 2016
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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
inventory. Continue operation and implementation of maintenance and material management programs at Naval Air Warfare Center activities. ***FY 2017 Base 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 2017 OCO Plans:*** N/A					
Title: In-Service Repairs	1.603	1.491	0.600	0.000	0.600
Articles:	-	-	-	-	-
FY 2015 Accomplishments: Continue to provide planned In-Service Repair funds for emergent repair requirements to aircraft performing mission critical test and evaluation projects. ***FY 2016 Plans:*** Continue to provide planned In-Service Repair funds for emergent repair requirements to aircraft performing mission critical test and evaluation projects. ***FY 2017 Base Plans:*** Continue to provide planned In-Service Repair funds for emergent repair requirements to aircraft performing mission critical test and evaluation projects. ***FY 2017 OCO Plans:*** N/A					
Accomplishments/Planned Programs Subtotals	35.853	35.014	36.536	0.000	36.536

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy		Date: February 2016
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*

D. Acquisition Strategy

N/A

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 2017 Navy			Date: February 2016
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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
2924: *SDTS*	0.000	7.568	10.310	11.476	-	11.476	11.323	11.412	11.596	11.841	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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Title: SDTS	7.568	10.310	11.476	0.000	11.476
Articles:	-	-	-	-	-
Description: The funding increase from FY15 and FY16 funds Self Defense Test Ship (SDTS) Hull, Mechanical and Electrical Maintenance requirements. The funding increase from FY16 to FY17 supports the work package development and purchase of long lead items for the SDTS drydock scheduled for FY19. Planned work includes ultrasonic testing of the hull, stern tube seal repair, main propulsion shafting repair/replace, fuel oil tank refurbishment and a myriad of other HM&E systems repair or upgrades. ***FY 2015 Accomplishments:*** NSWC PHD continued to conduct the 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. Maintained, operated, configured and upgraded the Test Ship Remote Control System (TSRCS) and associated infrastructure in support of T&E requirements onboard SDTS to support the Air Warfare Ship Self Defense (AW SSD) Enterprise T&E Master Plan (TEMP) efforts. NSWC PHD conducted a complex pier side availability to install and test the combat systems elements for the DDG 1000, LSD 50 and LCS 8. ***FY 2016 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					

Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy		Date: February 2016
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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
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 TEMP efforts. NSWC PHD will conduct a complex pier side availability to install and test the combat systems elements for the CVN 78 and LCS 7. ***FY 2017 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 TEMP efforts. NSWC PHD will conduct a complex pier side availability for new Combat System installations (funded through the T&E Enterprise Project 3206) which will include HM&E maintenance and necessary upgrades. Initiate work package development and begin purchasing long lead items in preparation for the SDTS drydock scheduled for FY19. Planned work includes ultrasonic testing of the hull, stern tube seal repair, main propulsion shafting repair/replace, fuel oil tank refurbishment and a myriad of other HM&E systems repair or upgrades. ***FY 2017 OCO Plans:*** N/A					
Accomplishments/Planned Programs Subtotals	7.568	10.310	11.476	0.000	11.476

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 2017 Navy			Date: February 2016
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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
3206: *T&E Enterprise*	0.000	50.490	53.611	25.798	-	25.798	16.176	14.220	14.275	14.592	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 LHD 8, LSD 50, LHA 6, DDG 1000, CVN 78, and Littoral Combat Ship (LCS) versions 7 and 8. 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 T&E Master Plan (TEMP) 1714, and lead/operational ship testing requirements for Extended Sea Sparrow Missile (ESSM) TEMP 1471, Rolling Airframe Missile (RAM) Blk 2 TEMP 286-2, 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), 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 7, LCS 8 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 7, LCS 8 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 infrastructure, missile range allocations, execution time and underway time to eliminate duplicative testing. T&E Enterprise preserves end-to-end mission Operational

Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy		Date: February 2016
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*

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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Title: T&E Enterprise	50.490	53.611	25.798	0.000	25.798
Articles:	-	-	-	-	-
Description: The decrease from FY16 to FY17 reflects fewer Test and Evaluation (T&E) events to be conducted in FY17.					
FY 2015 Accomplishments: The Enterprise 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 Enterprise Test (ET-05) to support the PRA Testbed model. The Enterprise conducted LHA 6 Lead Ship Testing (ET-06) on the SDTS to complete developmental test in PRA Testbed. FY15 activities included conducting a 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 DDG 1000, LHA 6, LSD 50/52, and LCS 8 configurations (to include SeaRAM). Started 7 month pier side industrial availability in spring CY15 (reduced based on DDG 1000 INCO shifting to FY16-FY17) during which time the LSD 50 SSDS Mk 2 Mod 5C equipment was installed and LCS 8 Combat System configuration was also being installed. Upon completion of the availability the ship will undergo testing to ensure the combat systems elements are properly installed and safe to operate. Continued supporting development of Threat Engineering Characterization Package (TECP-1), and facilitating the integration into the PEO IWS M&S framework. The Enterprise continued routine maintenance, Information Assurance (IA)/Cybersecurity Certification and Accreditation on combat systems elements and the remote control system on the SDTS.					
FY 2016 Plans:					

Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy		Date: February 2016
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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
The Enterprise will conclude conducting LSD 45 Lead Ship Testing (ET-14). Conduct ET 11B for LCS 8 configuration and ET 12 for LSD 45 configuration on SDTS. FY16 activities will include start of pier side industrial availability (June 2016-February 2017) to conduct Installation and Checkout (INCO) of DDG 1000 equipment to include Multi-Function Radar (MFR), and INCO on the LCS 7 and CVN 78 configurations on the SDTS. Continue to facilitate the integration of Enterprise systems into the Program Executive Office Integrated Warfare System(PEO IWS) Modeling and Simulation (M&S) framework. The Enterprise will continue routine maintenance, IA/Cybersecurity Certification and Accreditation on combat system elements and the remote control system on the SDTS. Stand up a strategic working group for long range Enterprise Test & Evaluation (ET&E) planning (e.g. LX-R, Rail Gun). Conduct PRA Testbed DT of the LSD 50/52, LCS 8, and CVN 78 configurations. Continue supporting development of TECP-1, and facilitating the integration into the PEO IWS M&S framework.					
FY 2017 Base Plans: Complete pier side industrial availability to conduct Installation and Checkout (INCO) of DDG1000 equipment to include MFR, and INCO on the LCS 7 and CVN 78 configurations on the SDTS. Upon completion of the availability the ship will undergo testing to ensure the combat system elements are properly installed and safe to operate. The Enterprise will conduct PRA Assessment of the LHA 6 configuration (ET-15). 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 facilitate the integration of systems into the PEO IWS M&S framework.					

Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy		Date: February 2016
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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Continue supporting development of TECP-1, and facilitating the integration into the PEO IWS M&S framework. ***FY 2017 OCO Plans:*** N/A					
Accomplishments/Planned Programs Subtotals	50.490	53.611	25.798	0.000	25.798

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

Acquire CVN-78 CS elements in FY15.

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.

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