

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2015 Navy **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:**  
1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment

**P-1 Line Item Number / Title:**  
5239 / Ship Self Defense System

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0204413N, 0604370N, 0603582N, 0604755N

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO <sup>#</sup>	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	557.698	52.875	51.858	-	-	-	-	-	-	-	-	662.431
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	557.698	52.875	51.858	-	-	-	-	-	-	-	-	662.431
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>557.698</b>	<b>52.875</b>	<b>51.858</b>	-	-	-	-	-	-	-	-	<b>662.431</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	-	1.354	1.395	-	-	-	-	-	-	-	-	2.749
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.

**Description:**

The Ship Self Defense System (SSDS) is the core combat system control element for the Quick Reaction Combat Capability (QRCC) in aircraft carriers and amphibious assault ships to defend against Anti-Ship Cruise Missiles (ASCM). SSDS integrates a diverse set of fire control loop sensors and weapons, and C4I systems for each ship class (CVN68/78, LHA6, LHD1, LPD17, and LSD41/49 ship classes). SSDS MK2 provides the capabilities for integrated air and missile defense, multi-warfare situational awareness, combat direction, and joint interoperability via the Cooperative Engagement Capability (CEC) and Tactical Data Information Link (TADIL)-J. SSDS MK2 is being fielded with the new construction carriers (CVN78 class) and amphibious ships (LHA6, LPD17 classes). SSDS MK2 is replacing the Advanced Combat Direction System (ACDS) in the LHD1 class, and SSDS MK1 in the LSD 41/49 class, as fleet modernization initiatives.

SSDS MK2 integrates new combat system warfighting capabilities and improvements on phased basis via Advanced Capability Builds (ACB), Technology Insertion (TI), the Fire Control Loop Improvement Project (FCLIP), and Accelerated Mid-Term Interoperability Improvement Project (AMIIP). New hardware Technology Insertion baselines are required every four years to refresh the Commercial-Off-The-Shelf (COTS) assemblies to sustain system production and to support the incorporation of new ACB capabilities. Each individual ship is planned for a Technology Insertion upgrade on an eight year interval to replace obsolescent COTS hardware and support the fielding of the ACB capabilities.

**SHIP SELF DEFENSE SYSTEM (SSDS) MK 1**

Provides ship self defense capabilities against Anti-Ship Cruise Missiles (ASCM) for LSD 41/49 class ships. It integrates several existing stand-alone sensor and Anti-Air Warfare weapons systems to provide an automated detecto-engage capability against low flying, high speed ASCMs with low radar cross sections in the littoral environment. System design emphasizes physically distributed non-developmental items, commercial standards and computer program reuse in an open system architecture computer network. It includes a command table that uses components of the Navy's AN/UYQ-70 standard display for human-system interface, commercially available local area network access units and circuit cards, and commercially available fiber optic cabling. SSDS MK 1 requires a COTS obsolescence technology refresh and transitioned to an SSDS MK2 Open Architecture Computing Environment (OACE) beginning with FY10 procurement for shore sites.

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**P-1 Line Item Number / Title:**  
5239 / Ship Self Defense System

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0204413N, 0604370N, 0603582N, 0604755N

SHIP SELF DEFENSE SYSTEM (SSDS) MK 2 Provides Advance Combat Direction System (ACDS) functionality and SSDS MK1 capabilities with additional weapon and sensor elements. It is integrated with Cooperative Engagement Capability (CEC) and tactical data links to provide joint interoperability for Aircraft Carriers and Amphibious Ships. It provides enhanced capabilities for Force Protection against air, surface, and subsurface threats using both own-ship and remote data in support of the Anti Air Warfare (AAW) Capstone Requirements. SSDS MK2 increases operational capabilities, improves combat readiness and Strike Group and Expeditionary Strike Group interoperability. SSDS MK 2 equips back-fit LHDs and CV(N)s with an upgraded Combat System Display Suite which includes AN/UYQ-70s, Automatic Status Board (ASTABS), Remote ASTAB Controllers, peripheral control stations and Advanced Sensor Distribution System (ASDS), as well as, the SSDS MK 2 computing equipment. Prior year procurement of SSDS MK 2 equipment included shore-based SSDS MK 2 equipment and full combat system suites for the Ship Combat System Center (SCSC), Wallops Island, Virginia; maintenance and operator training equipment at the Center for Surface Combat Systems (CSCS), Dam Neck, Virginia; and an equipment suite for the Self Defense Test Ship (SDTS). COTS obsolescence technology refresh kits are funded for SSDS MK 2 and SSDS MK 1 in FY13-FY14. This P-1 line item supports various Commercial Off The Shelf (COTS) based systems used within the combat system. FY13-FY14 COTS Conversion Kits are planned for CVNs, LPDs, LHDs, and LSDs, and COTS Upgrade Kits are planned for the Self Defense Test Ship (SDTS) and the shore sites used for SSDS software development/maintenance, training, and Combat System integration and certification testing. The COTS Tech Refresh conversion kits will support Navy Open Architecture computing environment standards to facilitate software reuse. FY13-FY14 kits are based on a Technology Insertion-12 (TI-12) configuration. LHD1 has been designated for upgrade from ACDS Block 1 to SSDS MK2 in FY13 based on reuse of existing SSDS/ACDS assets, including ACDS assets from a decommissioned ship. FY11 includes field change kits to upgrade the ACDS assets. FY11, FY12, and FY13 includes installation funds for the LHD1. FY12 -14 includes the procurement and installation of SSDS MK2 Mod 6C and support equipment for shore sites for CVN78 class testing and training. FY12 includes the procurement of equipment for SCSC Wallops Island for SSDS MK2 Mod 6C Combat System Integration and Certification Testing. FY13 includes the procurement of equipment for SSDS MK2 Mod 6C maintenance and operator training. Starting in FY14, the Integrated Combat System Test Facility, at Naval Surface Warfare Center Dahlgren, is designated as an SSDS MK2 test facility for SSDS MK2/Combat System Certification testing. FY14 includes COTS Conversion Kits, equipment upgrade kits and support equipment for this facility. The budget cost estimate for the kits varies depends on the specific ship class (CVNs, LPDs, LSDs, LHAs, and LHDs), the existing configuration of the ship or shore site. The cost estimates for individual COTS conversion kits are included in the remarks of exhibit P3A (for UQ005B).

AMPHIBIOUS ASSAULT DIRECTION SYSTEM (AADS) OR AN/KSQ-1 As directed by the National Security Agency as a Congressional mandate, Crypto Modernization Program funds in FY11-FY13 will be used to upgrade the system's Crypto Key Generator (CKG) from the currently used KOK-13 to the KOK-23. Integrates Enhanced PLRS (EPLRS) with NAVSTAR Global Position System (GPS) via a Global Position to form a jam/intercept resistant, command and control system which supports the surface assault ship-to-shore movement in amphibious operations. An airborne relay group extends the system range over the horizon to 100 nautical miles. By computing Position Location Information (PLI) for each participant in the EPLRS network, AADS provides the capability, in near real-time to locate, identify, track, communicate with and control all craft, vehicles and personnel in the network during operations both afloat and ashore.

Commencing in FY15, LI 5239 was consolidated under LI 5231 in FY15 and out.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Ship Self Defense System	P-40a		-	-	114.280	-	-	7.581	-	-	4.565	-	-	-	-	-	-	-	-	-
P-3a - 1 / AADS FMP Install	P-3a		-	-	1.596	-	-	0.391	-	-	-	-	-	-	-	-	-	-	-	-
P-3a - 2 / UQ001 - SSDS Full Ship System Suite/Displays	P-3a		-	-	248.867	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P-3a - 3 / UQ005B - SSDS COTS CONVERSION KITS	P-3a		-	-	192.955	-	-	44.903	-	-	47.293	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>			-	-	<b>557.698</b>	-	-	<b>52.875</b>	-	-	<b>51.858</b>	-	-	-	-	-	-	-	-	-

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Navy **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:**  
1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment

**P-1 Line Item Number / Title:**  
5239 / Ship Self Defense System

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0204413N, 0604370N, 0603582N, 0604755N

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Ship Self Defense System	P-40a		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P-3a - 1 / AADS FMP Install	P-3a		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.987
P-3a - 2 / UQ001 - SSDS Full Ship System Suite/Displays	P-3a		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	248.867
P-3a - 3 / UQ005B - SSDS COTS CONVERSION KITS	P-3a		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	285.151
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>662.431</b>

\*For P-40as, Title represents the P40a Title. For the P-3a, Title represents the Modification Number / Title.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
Ship Self Defense System provides CVNs, LPDs, LHDs, LHA6 and LSD class ships with greater capability to defend against Anti-Ship Cruise Missiles (ASCM), multi-warfare combat direction capabilities and strike group interoperability via CEC and TADIL-J.

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**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 1810N / 04 / 3 **P-1 Line Item Number / Title:** 5239 / Ship Self Defense System **Aggregated Items Title:** Ship Self Defense System

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
<b>1) Ship Self Defense System</b>																				
1.1) UQ002 - SSSD Production Support	A		-	-	50.039	-	-	2.318	-	-	1.646	-	-	-	-	-	-	-	-	-
1.2) UQ003 - SSSD ECP	A		-	-	4.587	-	-	0.260	-	-	0.188	-	-	-	-	-	-	-	-	-
1.3) UQ004 - SSSD Training	A		-	-	20.023	-	-	0.978	-	-	0.687	-	-	-	-	-	-	-	-	-
1.4) UQ005A - SSSD COTS Eng/Obsolescence Kits	A		-	-	37.634	-	-	4.025	-	-	2.044	-	-	-	-	-	-	-	-	-
1.5) UQ010 - AADS	A		142,642.86	14	1.997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: 1) Ship Self Defense System</i>			-	-	114.280	-	-	7.581	-	-	4.565	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	114.280	-	-	7.581	-	-	4.565	-	-	-	-	-	-	-	-	-

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2015 Navy **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 1810N / 04 / 3 **P-1 Line Item Number / Title:** 5239 / Ship Self Defense System **Aggregated Items Title:** Ship Self Defense System

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
<b>1) Ship Self Defense System</b>																				
1.1) UQ002 - SSDS Production Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) UQ003 - SSDS ECP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) UQ004 - SSDS Training	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) UQ005A - SSDS COTS Eng/ Obsolescence Kits	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) UQ010 - AADS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: 1) Ship Self Defense System</i>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Navy	<b>Date:</b> March 2014
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1810N / 04 / 3	<b>P-1 Line Item Number / Title:</b> 5239 / Ship Self Defense System	<b>Modification Number / Title:</b> 1 / AADS FMP Install
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Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	1.596	0.391	-	-	-	-	-	-	-	-	-	1.987
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	1.596	0.391	-	-	-	-	-	-	-	-	-	1.987
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>1.596</b>	<b>0.391</b>	-	-	-	-	-	-	-	-	-	<b>1.987</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

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

**Description:**

Effort to procure, install, and upgrade the AADS Crypto Upgrade Kits.

Commencing in FY15, LI 5239 was consolidated under LI 5231 in FY15 and out.

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<b>Exhibit P-3a, Individual Modification: PB 2015 Navy</b>										<b>Date: March 2014</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1810N / 04 / 3					<b>P-1 Line Item Number / Title:</b> 5239 / Ship Self Defense System					<b>Modification Number / Title:</b> 1 / AADS FMP Install			
<b>Models of Systems Affected:</b> [No Model Specified]			<b>Modification Type:</b> [No Modification Type Specified]					<b>Related RDT&amp;E PEs:</b>					
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
<b>Procurement</b>													
<i>Modification Item 1 of 1: AADS FMP Install</i>													
B Kits													
Recurring													
1.1.1) UQ8IN - AADS UPGRADE KITS - NonOrganic	14 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / -	
<i>Subtotal: Recurring</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: AADS FMP Install</i>	14 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / -	
<i>Subtotal: Procurement, All Modification Items</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Installation</b>													
<i>Modification Item 1 of 1: AADS FMP Install</i>													
	- / 1.596	- / 0.391	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.987	
<i>Subtotal: Installation</i>	- / 1.596	- / 0.391	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.987	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>1.596</b>	<b>0.391</b>	-	-	-	-	-	-	-	-	-	<b>1.987</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1810N / 04 / 3	<b>P-1 Line Item Number / Title:</b> 5239 / Ship Self Defense System	<b>Modification Number / Title:</b> 1 / AADS FMP Install

**Modification Item 1 of 1:** AADS FMP Install

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Manufacturer Name Not Provided.      Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months):      Production Leadtime (in Months):

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** [none specified] : Installation Name: UQ8IN - AADS UPGRADE KITS

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	12 / 1.596	2 / 0.391	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 1.987
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	12 / 1.596	2 / 0.391	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 1.987

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	12	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	12	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Navy							<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1810N / 04 / 3				<b>P-1 Line Item Number / Title:</b> 5239 / Ship Self Defense System				<b>Modification Number / Title:</b> 2 / UQ001 - SSDS Full Ship System Suite/Displays				

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	248.867	-	-	-	-	-	-	-	-	-	-	248.867
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	248.867	-	-	-	-	-	-	-	-	-	-	248.867
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>248.867</b>	-	-	-	-	-	-	-	-	-	-	<b>248.867</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

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

**Description:**

SSDS MK 2 implements an evolutionary acquisition of improved ship self defense capabilities against Anti-Ship Cruise Missiles for selected Carrier/Amphibious ships by integrating existing programmed Anti-Air Warfare stand alone systems. It provides an automated reaction and multi-target engagement capability emphasizing performance in the littoral environment. Integration focuses on providing capabilities for coordinating existing sensor information, providing threat identification and evaluation, assessing defensive readiness, and recommending optimized defensive tactical response to counter single and multiple Anti-Ship Cruise Missile attacks and battle for interoperability via CEC and tactical data links.

Commencing in FY15, LI 5239 was consolidated under LI 5231 in FY15 and out.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1810N / 04 / 3	<b>P-1 Line Item Number / Title:</b> 5239 / Ship Self Defense System	<b>Modification Number / Title:</b> 2 / UQ001 - SSDS Full Ship System Suite/Displays

<b>Models of Systems Affected:</b> [No Model Specified]	<b>Modification Type:</b> [No Modification Type Specified]	<b>Related RDT&amp;E PEs:</b>
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Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)

<b>Procurement</b>												
<i>Modification Item 1 of 1:</i> UQ001 - SSDS Full Ship System Suite/Displays												
B Kits												
Recurring												
1.1.1 Full Ship System Suite/Displays (CVN) - NonOrganic	6 / 65.599	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 65.599
1.1.2 Other Full Suite Displays - NonOrganic	18 / 113.562	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 113.562
<i>Subtotal: Recurring</i>	- / 179.161	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 179.161
<i>Subtotal: UQ001 - SSDS Full Ship System Suite/Displays</i>	24 / 179.161	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 179.161
<i>Subtotal: Procurement, All Modification Items</i>	- / 179.161	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 179.161

<b>Installation</b>												
<i>Modification Item 1 of 1:</i> UQ001 - SSDS Full Ship System Suite/Displays	- / 69.706	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 69.706
<i>Subtotal: Installation</i>	- / 69.706	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 69.706

<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>248.867</b>	-	-	-	-	-	-	-	-	-	-	<b>248.867</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1810N / 04 / 3	<b>P-1 Line Item Number / Title:</b> 5239 / Ship Self Defense System	<b>Modification Number / Title:</b> 2 / UQ001 - SSDS Full Ship System Suite/Displays

**Modification Item 1 of 1:** UQ001 - SSDS Full Ship System Suite/Displays

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: New MFG - Name	Manufacturer Location: >New MFG - Loc
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** AIT : Installation Name: Full Ship System Suite/Displays (CVN)

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	6 / 20.806	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 20.806
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	6 / 20.806	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 20.806

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Out	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6

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<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1810N / 04 / 3	<b>P-1 Line Item Number / Title:</b> 5239 / Ship Self Defense System	<b>Modification Number / Title:</b> 2 / UQ001 - SSDS Full Ship System Suite/Displays

**Modification Item 1 of 1:** UQ001 - SSDS Full Ship System Suite/Displays

**Modification Item MDAP/MAIS Code:**

**Installation Information**

**Method of Implementation:** [none specified] : Installation Name: Other Full Suite Displays

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	18 / 48.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 48.900
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	18 / 48.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 48.900

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
Out	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18

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<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Navy							<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1810N / 04 / 3				<b>P-1 Line Item Number / Title:</b> 5239 / Ship Self Defense System				<b>Modification Number / Title:</b> 3 / UQ005B - SSDS COTS CONVERSION KITS				

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	192.955	44.903	47.293	-	-	-	-	-	-	-	-	285.151
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	192.955	44.903	47.293	-	-	-	-	-	-	-	-	285.151
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>192.955</b>	<b>44.903</b>	<b>47.293</b>	-	-	-	-	-	-	-	-	<b>285.151</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

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

**Description:**

SSDS MK 2 and SSDS MK 1 Commercial Off The Shelf (COTS) obsolescence technology refresh kits are funded in FY13-FY14. This P-1 line item supports several variations of COTS based systems used within the combat system. FY13-FY14 COTS Conversion Kits are planned for CVNs, LPDs, and LSDs, and COTS Upgrade Kits are planned for the Self Defense Test Ship (SDTS) and the shore sites used for SSDS software development/maintenance, training, and Combat System integration and certification testing. The COTS Tech Refresh conversion kits will support Navy Open Architecture Computing Environment (OACE) standards to facilitate use of commercial software and reuse of application software. FY13-FY14 kits are based on a Technology Insertion-12 (TI-12) configuration.

Commencing in FY15, LI 5239 was consolidated under LI 5231 in FY15 and out.

[UQ5IN FMP SHIP UNITS] FY unit cost details provided below:

SSDS FY13 unit costs are:

- \$15,888K for (2) LSD COTS Conversion Kit,
- \$7,944K for (1) SDTS LSD COTS Conversion Kit,
- \$516K for (1) CVN PCS Upgrade Kit,
- \$1,170K for (1) CVN Q-70 Upgrade Kit,
- \$1,412K for (1) Shore Site Maintenance Trainer (SSDS MK2 Mod 1C),
- \$4,538K for (1) Shore Site Maintenance Trainer (SSDS MK2 Mod 6C), and
- \$4,046K for (1) Design Agent Upgrade Kit (SSDS MK2 MOD1C).

Total Cost for 8 units in FY13 (UQ005B) is \$35,514K. Average unit cost is \$4,439K per unit. SSDS FY13 Conversion kit funding is provided to various contractors and field activities. Raytheon is the prime contractor for the SSDS Network Switching Cabinets, which have the longest production lead time.

SSDS FY14 unit costs are:

- \$22,119K for (3) LSD COTS Conversion Kits,
- \$5,961K for (1) LPD COTS Conversion Kit,
- \$1,380K for (1) Dahlgren Shore Site Upgrade Kit - ICSTF,

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<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1810N / 04 / 3	<b>P-1 Line Item Number / Title:</b> 5239 / Ship Self Defense System	<b>Modification Number / Title:</b> 3 / UQ005B - SSDS COTS CONVERSION KITS
<p>\$244K for (1) Wallops Island Upgrade Kit.</p> <p>Total Cost for 6 units in FY14 (UQ005B) is \$29,704K. Average unit cost is \$4,951K per unit. SSDS FY14 Conversion kit funding is provided to various contractors and field activities. For FY14, the network switching cabinet has been redesigned to include information assurance boundary defense devices. This equipment will be procured on a competitive build-to-print contract.</p>		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1810N / 04 / 3	<b>P-1 Line Item Number / Title:</b> 5239 / Ship Self Defense System	<b>Modification Number / Title:</b> 3 / UQ005B - SSSD COTS CONVERSION KITS

<b>Models of Systems Affected:</b> [No Model Specified]	<b>Modification Type:</b> [No Modification Type Specified]	<b>Related RDT&amp;E PEs:</b>
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Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Procurement</b>												
<i>Modification Item 1 of 1:</i> UQ005B - SSSD COTS CONVERSION KITS												
B Kits												
Recurring												
1.1.1) UQ5IN FMP SHIP UNITS - NonOrganic <sup>(1)</sup>	18 / 86.642	5 / 25.518	4 / 28.080	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 140.240
1.1.2) UQ6IN NON FMP SHORE SITES - NonOrganic	9 / 56.278	3 / 9.996	2 / 1.624	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 67.898
<i>Subtotal: Recurring</i>	- / 142.920	- / 35.514	- / 29.704	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 208.138
<i>Subtotal: UQ005B - SSSD COTS CONVERSION KITS</i>	27 / 142.920	8 / 35.514	6 / 29.704	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	41 / 208.138
<i>Subtotal: Procurement, All Modification Items</i>	- / 142.920	- / 35.514	- / 29.704	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 208.138
<b>Installation</b>												
<i>Modification Item 1 of 1:</i> UQ005B - SSSD COTS CONVERSION KITS	- / 50.035	- / 9.389	- / 17.589	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 77.013
<i>Subtotal: Installation</i>	- / 50.035	- / 9.389	- / 17.589	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 77.013
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>192.955</b>	<b>44.903</b>	<b>47.293</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>285.151</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1810N / 04 / 3	<b>P-1 Line Item Number / Title:</b> 5239 / Ship Self Defense System	<b>Modification Number / Title:</b> 3 / UQ005B - SSDS COTS CONVERSION KITS

**Modification Item 1 of 1:** UQ005B - SSDS COTS CONVERSION KITS

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Raytheon Co. (FY13 for Network Switching Cabinet), TBD (FY14 Competitive) <sup>(2)</sup>      Manufacturer Location: >San Diego, Ca. (FY13 for Network Switching Cabinet), TBD for FY14 (Competitive)

Administrative Leadtime (in Months): 3      Production Leadtime (in Months): 15

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Mar 2013	Jul 2014					
Delivery Dates	Aug 2013	Sep 2015					

**Installation Information**

**Method of Implementation:** Method : Installation Name: UQ5IN FMP SHIP UNITS

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	14 / 26.720	4 / 6.208	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 32.928
FY 2013	- / -	- / 0.983	5 / 12.177	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 13.160
FY 2014	- / -	- / -	- / 3.099	1 / -	- / -	1 / -	3 / -	- / -	- / -	- / -	- / -	4 / 3.099
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	14 / 26.720	4 / 7.191	5 / 15.276	1 / -	- / -	1 / -	3 / -	- / -	- / -	- / -	- / -	27 / 49.187

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot		
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
In	14	-	-	-	4	-	-	1	4	-	-	-	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	13	1	-	-	-	4	-	-	1	4	-	-	-	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1810N / 04 / 3	<b>P-1 Line Item Number / Title:</b> 5239 / Ship Self Defense System	<b>Modification Number / Title:</b> 3 / UQ005B - SSDS COTS CONVERSION KITS

**Modification Item 1 of 1:** UQ005B - SSDS COTS CONVERSION KITS

**Modification Item MDAP/MAIS Code:**

**Installation Information**

**Method of Implementation:** Method : Installation Name: UQ6IN NON FMP SHORE SITES

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	6 / 23.315	3 / 1.798	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 25.113
FY 2013	- / -	- / 0.400	3 / 1.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 2.300
FY 2014	- / -	- / -	- / 0.413	2 / -	- / -	2 / -	- / -	- / -	- / -	- / -	- / -	2 / 0.413
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	6 / 23.315	3 / 2.198	3 / 2.313	2 / -	- / -	2 / -	- / -	- / -	- / -	- / -	- / -	14 / 27.826

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	6	-	-	1	2	-	-	1	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
Out	5	1	-	-	1	2	-	-	1	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14

**Footnotes:**

(1) The cost for the ship and shore site kits vary depending on the specific ship class (CVN, LPD, LSD, LHA, and LHD), the specific shore site and the existing configuration of the ship/site involved. See the P-3A Description for specific details.

(2) For FY13, Long lead material contract was awarded for the procurement of network switching cabinet to support the installation required delivery date. For FY14, competitive build to print production contracts for unique SSDS equipment are planned.