Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0303140N

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ($ in Millions)	1,229.302	93.960	144.104	133.530	-	133.530	149.744	138.948	93.142	95.397	Continuing	Continuing
Less PY Advance Procurement ($ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ($ in Millions)	1,229.302	93.960	144.104	133.530	-	133.530	149.744	138.948	93.142	95.397	Continuing	Continuing
Plus CY Advance Procurement ($ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority ($ in Millions)	**1,229.302**	**93.960**	**144.104**	**133.530**	**-**	**133.530**	**149.744**	**138.948**	**93.142**	**95.397**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares ($ in Millions)	-	0.762	0.834	1.497	-	1.497	2.274	1.810	1.484	0.138	Continuing	Continuing
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

Description:

The Information Systems Security Program (ISSP) ensures the protection of Navy and joint cyberspace systems from exploitation and attack. Cyberspace systems include wired and wireless telecommunications systems, information technology (IT) systems, and the content processed, stored, or transmitted therein. ISSP includes protection of the Navy's National Security Systems (NSS).

The ISSP provides for the procurement of secure communications equipment to Navy ships, shore sites, aircraft, Marine Corps, and United States Coast Guard. ISSP protects information systems from unauthorized access or modification of information, and against the denial of service to authorized users or provision of service to unauthorized users. Information Assurance (IA) / Computer Network Defense (CND) is a layered protection strategy, using Commercial Off-The-Shelf (COTS) and Government Off-The-Shelf (GOTS) hardware and software products that collectively provide an effective Network Security Infrastructure (multiple level security mechanisms and ability to detect and react to intrusions). IA/CND is critical in protecting our ability to wage Network Centric Warfare (NCW).

The ISSP supports the entire Naval cyberspace domain from the mobile forward-deployed subscriber, through the ashore supporting critical information infrastructure, and the interconnection with other cyberspace domains. The interconnectivity of naval and joint networks, connections to allied and coalition partners, connections to the public information infrastructure, and their use in naval and joint war fighting causes Navy cyberspace to be a higher value target more easily attacked.

The rapid change in the underlying commercial and government cyber infrastructures makes cyber security an increasingly complex and dynamic problem. The ISSP provides the Navy's warfighter the essential information trust characteristics of availability, confidentiality, integrity, authentication, and non-repudiation. IA/CND, key supporting cyber security activities, must evolve quickly to meet the rapidly evolving threats and vulnerabilities. Implementing the ISSP requires new acquisition approaches to stay ahead of the adversary, including nation-states, terrorist, and criminal organizations.

The program provides hardware and software to the Navy with these cyber security systems: (1) defense of National Security Systems and Information; (2) assured separation of information levels and user communities, including allied, coalition, non-Governmental, Defense Industrial Base, and other public partners; (3) technologies supporting the Navy's Computer Network Defense Service Providers (CNDSP) operations; (4) assurance use of the Navy's telecommunications infrastructure and the wireless spectrum; (5) assurance of joint-user cyberspace domains, using a defense-in-depth architecture; (6) assurance of the critical computing base and information store; and, (7) supporting assurance technologies, including a Public Key Infrastructure (PKI). The ISSP program must be rapid, predictive, adaptive, and tightly coupled to cyberspace technology.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0303140N

MDAP/MAIS Code(s):

The following ISSP efforts will be funded under this program in FY14:

Computer Network Defense (CND) (DA070): Equipment to be procured in FY14 is to secure Navy network information systems. Procurements within the CND Increment 2 equipment line include hardware and software such as servers, laptops, accessories and appliances that provide the following capabilities: Firewall components which provide protection for networks from unauthorized users, Virtual Private Networks (VPNs) which provide encrypted "Point-to-Point" virtual communication networks, Intrusion Prevention Systems (IPS), Boundary Protection (BP), Host Based Security Systems (HBSS), Information Assurance Security Manager (IASM), Assured Compliance Assessment Solution (ACAS), Keyboard, Video Mouse (KVM) equipment, Administrator Access Control, Network Security tools and network and content filtering. Hardware and software will also be procured to support the ONE-Net Site Collapse strategy.

Communications Security/Cryptographic (COMSEC/CRYPTO) (DA 071): Procurements within the COMSEC/Crypto equipment line include various families of Crypto Data and Crypto Voice products.

Crypto Data products include KIV-7M (device used for COMSEC Crypto Serial Replacement which is the replacement for the WALBURN family, the SAVILLE family, KW-46, and KL-51 crypto devices), Cryptographic Universal Enclosures (CUE), KGV-136B Suite, KG-3X (KG-333, KG-334, and KG-361), Indentify Friend or Foe (IFF) devices, In-Line Network Encryptors (to include KG-175A, KG-175D, KG-175G, KOV-26, KIV-54, KG-250, KG-250X), KG-45A, KGV-135A, AN-PYQ-20(v)(c) formerly KL-51M (Laptop, Suitcase and Components), KOK-23, KG 40AR, and KO2 Enclosure replacement (HNF 2/3). Associated ancillary testers, rack mount enclosures and parts are also included.

Crypto Voice products include Tactical Secure Gateway (TSG), Voice System Cryptographic Equipment, VINSON/Advanced Narrowband Digital Voice Terminal Cryptographic Modernization (VACM), AN/USC 43 (v)M, KY-57, KY-58, KY-99, KY-100, Next Generation Internet Protocol Phones (Next Generation IP Phones/Call Manager), and Navy Certificate Validation Infrastructure Cards

Electronic Key Management System (EKMS) / Key Management Infrastructure (KMI): (DA005)
EKMS provides for cryptographic key management with the Department of Navy (DON). This program provides for the procurement of software and hardware management system, which consists of Interoperable Joint Service and Civil Agency key management components. The National Security Agency (NSA) established the EKMS program to meet multiple objectives which include supplying electronic key in a secure and operationally responsive manner and providing EKMS/COMSEC managers with an automated system capable of ordering, generating, distributing, storing, security, accounting, and access control.

EKMS/KMI equipment to be procured includes, KMI Manager Clients Advanced Key Processors, and associated ancillary, production support and installation are also included.

KMI is the next generation key management system that provides for net-centric, web based architecture for the ordering, management and distribution of all cryptographic key material to support DoN users. KMI is a NSA program with the services procuring and deploying the Manager Client / Advanced Key Processor, Manager Only Clients, High Assurance Internet Protocol Encryptor (HAIPE) or Delivery Only Client (DOC) to replace the EKMS Local Management Device (LMD) / KP platforms.

The Next Gen Fill device will replace the Simple Key Loader (SKL) which stores, manages, transfers and loads cryptographic key material and COMSEC data through automatic loading of End Cryptographic Units (ECU). Specifically, the SKL and its predecessor Data Transfer Device (DTD) provides the next generation DTD, which is based on a Personal Computer Memory Card International Association card (crypto engine) and COTS notebook / palmtop computer running GOTS software. DMD provides for intermediate key management to incorporate Mission Planning capabilities to the key packages.

The Tactical Key Loader (TKL) is an EKMS Tier 3 electronic key loading device used to transfer and load cryptographic keys into ECU. This system will augment the aging and obsolete KYK-13.

Public Key Infrastructure (PKI) (DA018): DoD mandated the PKI program implements a secure infrastructure for the generation, management, and delivery of digital certificates for secure electronic transactions, hardware certificate-based two-way authentication to networks, applications, and web servers; and secure email.

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)

ID Code (A=Service Ready, B=Not Service Ready) : A	**Program Elements for Code B Items:**	**Other Related Program Elements:** 0303140N

MDAP/MAIS Code(s):

PKI procurements include: Alternate Logon Tokens (ALT); continued upgrade of Real-Time Automated Personnel Identification System (RAPIDS); Navy Certificate Validation Infrastructure (NCVI) ONE-Net and NCVI Master Validation Authority (MVA) hardware and software for enhanced algorithm capability (e.g.: Elliptic Curve Cryptography, SHA-256, SHA-3); SIPRNet Afloat Shipboard Validation Authorities (SVA); Online Certificate Status Protocol (OCSP) responders.

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	**Exhibits**	**ID CD**	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Info Systems Security Program (ISSP)	P40A				365.919			-			-			-			-			-
1 - Computer Network Defense (CND) Increment 2-Afloat	P3A				0.000			11.762			7.742			5.826			-			5.826
2 - Computer Network Defense (CND) Increment 2-Shore	P3A				1.389			8.738			14.099			14.115			-			14.115
3 - Cyber Security VSE - Afloat	P3A				0.000			-			3.020			0.324			-			0.324
4 - Cyber Security VSE - Ashore	P3A				0.000			-			4.620			0.776			-			0.776
5 - Communications Security (COMSEC / CRYPTO) - Afloat	P3A				189.960			19.566			57.892			48.098			-			48.098
6 - Communications Security (COMSEC / CRYPTO) - Shore	P3A				546.573			27.053			25.341			26.020			-			26.020
7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl	P3A				27.216			3.045			11.865			13.830			-			13.830
8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	P3A				23.262			21.822			18.581			22.772			-			22.772
9 - Public Key Infrastructure (PKI) Security Products - Afloat	P3A				38.095			1.974			0.944			-			-			-
10 - Public Key Infrastructure (PKI) Security Products - Shore	P3A				36.888			-			-			1.769			-			1.769

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)

ID Code (A=Service Ready, B=Not Service Ready) : A | **Program Elements for Code B Items:** | **Other Related Program Elements:** 0303140N

MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Total Gross/Weapon System Cost					1,229.302			93.960			144.104			133.530			-			133.530

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Info Systems Security Program (ISSP)	P40A				-			-			-			-			-			-
1 - Computer Network Defense (CND) Increment 2-Afloat	P3A				6.748			7.207			6.273			3.645		Continuing			Continuing	
2 - Computer Network Defense (CND) Increment 2-Shore	P3A				19.251			19.211			19.104			22.075		Continuing			Continuing	
3 - Cyber Security VSE - Afloat	P3A				0.278			0.277			0.276			0.277			-			4.452
4 - Cyber Security VSE - Ashore	P3A				0.362			0.363			0.364			0.363			-			6.848
5 - Communications Security (COMSEC / CRYPTO) - Afloat	P3A				56.891			52.728			35.551			38.463		Continuing			Continuing	
6 - Communications Security (COMSEC / CRYPTO) - Shore	P3A				27.007			30.789			11.220			9.819		Continuing			Continuing	
7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl	P3A				14.014			11.258			7.891			8.725		Continuing			Continuing	
8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	P3A				23.685			15.129			10.499			10.027		Continuing			Continuing	
9 - Public Key Infrastructure (PKI) Security Products - Afloat	P3A				-			-			-			-			-			41.013
10 - Public Key Infrastructure (PKI) Security Products - Shore	P3A				1.508			1.986			1.964			2.003			-			46.118
Total Gross/Weapon System Cost					149.744			138.948			93.142			95.397		**Continuing**			**Continuing**	

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	**Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)

ID Code (A=Service Ready, B=Not Service Ready) : A	**Program Elements for Code B Items:**	**Other Related Program Elements:** 0303140N

MDAP/MAIS Code(s):

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

Justification:

The procurement profile has been phased in accordance with validated requirements for Navy (ship, sub, shore, and aircraft), Marine Corps, and Coast Guard implementation plans and availability of NSA procured key management items.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy | **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity:
1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment

P-1 Line Item Nomenclature:
3415 - Info Systems Security Program (ISSP)

Aggregated Item Name:
Info Systems Security Program (ISSP)

Items	ID CD	MDAP/ MAIS Code	All Prior Years Unit Cost ($K)	All Prior Years Qty (Each)	All Prior Years Total Cost ($M)	FY 2012 Unit Cost ($K)	FY 2012 Qty (Each)	FY 2012 Total Cost ($M)	FY 2013 Unit Cost ($K)	FY 2013 Qty (Each)	FY 2013 Total Cost ($M)	FY 2014 Base Unit Cost ($K)	FY 2014 Base Qty (Each)	FY 2014 Base Total Cost ($M)	FY 2014 OCO Unit Cost ($K)	FY 2014 OCO Qty (Each)	FY 2014 OCO Total Cost ($M)	FY 2014 Total Unit Cost ($K)	FY 2014 Total Qty (Each)	FY 2014 Total Total Cost ($M)
1) Secure Voice																				
1.1) Secure Voice	A		-	-	145.143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) Secure Voice					145.143			-			-			-			-			-
2) (DA042) SCIP-IWF																				
2.1) SCIP-IWF - Afloat Procurement	A		717.214	14	10.041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) (DA042) SCIP-IWF					10.041			-			-			-						-
3) (DA044) Secure Voice Modernization (DA044)																				
3.1) SV Modernization - Afloat	A		-	-	14.169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) SV Modernization - Shore	A		-	-	0.342	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) (DA044) Secure Voice Modernization (DA044)					14.511			-			-			-						-
4) (DA070) Computer Network Defense (CND)																				
4.1) Computer Network Defense INC 1 - Afloat	A		248.045	264	65.484	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) Computer Network Defense INC 1 - Shore	A		5,410.692	13	70.339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) (DA070) Computer Network Defense (CND)					135.823			-			-			-						-
5) (DA555) Production Support																				
5.1) SCIP-IWF Afloat	A		-	-	0.469	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) SV Modernization Afloat	A		-	-	1.127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) SV Modernization Shore	A		-	-	0.138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) CND Inc 1 Afloat	A		-	-	12.192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5) CND Inc 1 Shore	A		-	-	1.068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) (DA555) Production Support					14.994			-			-			-						-
6) (DA777) Installation FMP (Afloat)																				
6.1) SCIP-IWF	A		-	-	6.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) SV Modernization	A		-	-	14.811	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) PKI	A		-	-	4.737	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Aggregated Item Name:** Info Systems Security Program (ISSP)

Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
6.4) CND Inc 1	A		-	-	19.659	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) (DA777) Installation FMP (Afloat)					45.407			-			-			-			-			-
Total					365.919			-			-			-			-			-

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| **Exhibit P-40A, Budget Item Justification For Aggregated Items:** PB 2014 Navy | | | | | | | | | | | | | | | | | | **Date:** April 2013 | | |
| **Appropriation / Budget Activity / Budget Sub Activity:** 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment | | | | | | **P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP) | | | | | | | | | | | | **Aggregated Item Name:** Info Systems Security Program (ISSP) | | |

Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
1) Secure Voice																				
1.1) Secure Voice	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) Secure Voice					-			-			-			-			-			-
2) (DA042) SCIP-IWF																				
2.1) SCIP-IWF - Afloat Procurement	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) (DA042) SCIP-IWF					-			-			-			-			-			-
3) (DA044) Secure Voice Modernization (DA044)																				
3.1) SV Modernization - Afloat	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) SV Modernization - Shore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) (DA044) Secure Voice Modernization (DA044)					-			-			-			-			-			-
4) (DA070) Computer Network Defense (CND)																				
4.1) Computer Network Defense INC 1 - Afloat	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) Computer Network Defense INC 1 - Shore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) (DA070) Computer Network Defense (CND)					-			-			-			-			-			-
5) (DA555) Production Support																				
5.1) SCIP-IWF Afloat	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) SV Modernization Afloat	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) SV Modernization Shore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) CND Inc 1 Afloat	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5) CND Inc 1 Shore	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) (DA555) Production Support					-			-			-			-			-			-
6) (DA777) Installation FMP (Afloat)																				
6.1) SCIP-IWF	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) SV Modernization	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) PKI	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy		Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:
1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment

P-1 Line Item Nomenclature:
3415 - Info Systems Security Program (ISSP)

Aggregated Item Name:
Info Systems Security Program (ISSP)

Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
6.4) CND Inc 1	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) (DA777) Installation FMP (Afloat)					-			-			-			-			-			-
Total					-			-			-			-			-			-

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (***Modification Number - Modification Title***):** 1 - Computer Network Defense (CND) Increment 2- Afloat

Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Resource Summary	Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	11.762	7.742	5.826	-	5.826	6.748	7.207	6.273	3.645	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	0.000	11.762	7.742	5.826	-	5.826	6.748	7.207	6.273	3.645	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**11.762**	**7.742**	**5.826**	**-**	**5.826**	**6.748**	**7.207**	**6.273**	**3.645**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *(Units in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

Description:
CND Afloat systems (AN/UYQ-96(V)) includes: Firewalls (FW), Network and Host Intrusion Prevention Systems (IPS), supporting hardware and software for DoD mandated tools , Secure Configuration Compliance Validation Initiative (SCCVI), Host Based Security System (HBSS), Assured Configuration Assessment Solution (ACAS), Information Assurance Tracking System (IATS), Operating System Environment (OSE), Information Assurance Security Manager (IASM), enhanced data correlation tools, switches, ancillary devices and other related security tools.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*): 1 - Computer Network Defense (CND) Increment 2- Afloat

Models of Systems Affected: [No Model Specified]   **Type Modification:** [No Modification Type Specified]   **Related RDT&E PEs:** 0303140N

Financial Plan	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
Procurement												
Computer Network Defense (CND) Increment 2- Afloat												
B Kits												
Recurring												
1.1.1) CND Operating Sys Environment (OSE) SW Only - NonOrganic [1]	- / -	51 / 1.417	43 / 1.243	42 / 1.140	- / -	42 / 1.140	40 / 1.172	58 / 1.722	53 / 1.704	26 / 0.900	- / -	313 / 9.298
1.1.2) CND-OSE HW/SW - NonOrganic	- / -	9 / 0.535	7 / 0.413	7 / 0.358	- / -	7 / 0.358	6 / 0.457	2 / 0.155	- / -	- / -	- / -	31 / 1.918
1.1.3) CND-Info Assur Tracking Sys (IATS) - NonOrganic	- / -	17 / 2.010	8 / 0.908	1 / 0.118	- / -	1 / 0.118	1 / 0.126	- / -	- / -	- / -	- / -	27 / 3.162
1.1.4) CND Laptop - NonOrganic	- / -	10 / 0.329	3 / 0.118	2 / 0.081	- / -	2 / 0.081	9 / 0.416	4 / 0.188	1 / 0.048	- / -	- / -	29 / 1.180
Subtotal Recurring	- / -	87 / 4.291	61 / 2.682	52 / 1.697	- / -	52 / 1.697	56 / 2.171	64 / 2.065	54 / 1.752	26 / 0.900	- / -	400 / 15.558
Total, Computer Network Defense (CND) Increment 2- Afloat	- / -	87 / 4.291	61 / 2.682	52 / 1.697	- / -	52 / 1.697	56 / 2.171	64 / 2.065	54 / 1.752	26 / 0.900	- / -	400 / 15.558
Total Procurement, All Modifications	- / -	87 / 4.291	61 / 2.682	52 / 1.697	- / -	52 / 1.697	56 / 2.171	64 / 2.065	54 / 1.752	26 / 0.900	- / -	400 / 15.558
Support												
2.1) CND Production Support Afloat	- / -	- / 0.182	- / 0.115	- / 0.055	- / -	- / 0.055	- / 0.102	- / 0.100	- / 0.092	- / 0.061	Continuing	Continuing
2.2) CND DSA	- / -	- / 0.465	- / 0.252	- / 0.242	- / -	- / 0.242	- / 0.145	- / 0.044	- / 0.003	- / -	Continuing	Continuing
2.3) Initial Training [2]	- / -	- / 0.911	- / 0.612	- / 0.487	- / -	- / 0.487	- / 0.700	- / 0.800	- / 0.810	- / 0.820	- / -	- / 5.140
Total Support, All Modifications	-	1.558	0.979	0.784	-	0.784	0.947	0.944	0.905	0.881	-	5.140
Total Procurement and Support	-	5.849	3.661	2.481	-	2.481	3.118	3.009	2.657	1.781	-	20.698
Computer Network Defense (CND) Increment 2- Afloat Installation Cost	- / 0.000	- / 5.913	- / 4.081	- / 3.345	- / -	- / 3.345	- / 3.630	- / 4.198	- / 3.616	- / 1.864	- / -	- / 26.647
Total Installation Cost	- / 0.000	- / 5.913	- / 4.081	- / 3.345	- / -	- / 3.345	- / 3.630	- / 4.198	- / 3.616	- / 1.864	- / -	- / 26.647
Total Cost (Procurement + Support + Installation)	**0.000**	**11.762**	**7.742**	**5.826**	**-**	**5.826**	**6.748**	**7.207**	**6.273**	**3.645**	**-**	**47.345**

Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*)**:** 1 - Computer Network Defense (CND) Increment 2- Afloat
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Manufacturer Information: Computer Network Defense (CND) Increment 2- Afloat

Manufacturer Name: SSC Atlantic - CND Afloat	Manufacturer Location: Charleston, SC
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 1

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012	Dec 2013				
Delivery Dates	Jan 2012	Jan 2013	Jan 2014				

Installation: Computer Network Defense (CND) Increment 2- Afloat	**Method of Implementation:** Installed	**Installation Name:** Computer Network Defense (CND) Increment 2- Afloat

Installation Cost	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	87 / 5.913	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	87 / 5.913
FY 2013	- / -	- / -	61 / 4.081	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	61 / 4.081
FY 2014	- / -	- / -	- / -	52 / 3.345	- / -	52 / 3.345	- / -	- / -	- / -	- / -	- / -	52 / 3.345
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	56 / 3.630	- / -	- / -	- / -	- / -	56 / 3.630
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	64 / 4.198	- / -	- / -	- / -	64 / 4.198
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 3.616	- / -	- / -	54 / 3.616
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 1.864	- / -	26 / 1.864
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	87 / 5.913	61 / 4.081	52 / 3.345	- / -	52 / 3.345	56 / 3.630	64 / 4.198	54 / 3.616	26 / 1.864	- / -	400 / 26.647

Installation Schedule

	APY	FY 2012 1	2	3	4	FY 2013 1	2	3	4	FY 2014 1	2	3	4	FY 2015 1	2	3	4	FY 2016 1	2	3	4	FY 2017 1	2	3	4	FY 2018 1	2	3	4	TC	Tot
In	-	-	17	21	27	22	16	24	14	7	23	11	12	6	15	10	13	18	19	14	21	10	15	14	21	4	10	7	8	1	400
Out	-	-	16	22	24	23	16	25	12	9	21	14	12	6	15	9	13	19	19	14	21	10	14	13	21	6	10	6	9	1	400

Footnotes:

(1) Computer Network Defense (CND) Inc 2 Afloat procurement/installation quantity represents one system for a ship platform. Depending on the build required to bring that ship to baseline, the unit cost varies for CND-Operating Systems Environment (CND-OSE) Software (SW) only and Information Assurance Tracking System (IATS). The mix of these variants being fielded is different each year. Due to CND's rapid IT fielding approach, CND Afloat procurement costs may vary year to year due to delivering capabilities determined by the CND Capabilities Steering Group. First quarter installations reflected in the

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature (*Modification Number - Modification Title*): 1 - Computer Network Defense (CND) Increment 2- Afloat

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N

Installation Schedule are funded in the prior year in order to be able to fund the installation contracts 90 days prior to the beginning of shipboard installation work. 90 days are needed to allow sufficient time for the contractor to plan the work schedule, order material, and perform necessary fabrication. This procedure allows installations to be scheduled in the first quarter thereby supporting Fleet availability.

(2) Computer Network Defense (CND) is designated Training Support Agent (TSA) IAW OPNAV 11102.2, CND is required to transition initial training (train the trainer) and equipment to an approved solution at the schoolhouses.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*): 2 - Computer Network Defense (CND) Increment 2- Shore

| **Models of Systems Affected:** [No Model Specified] | **Type Modification:** [No Modification Type Specified] | | **Related RDT&E PEs:** 0303140N | |

Resource Summary	Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	1.389	8.738	14.099	14.115	-	14.115	19.251	19.211	19.104	22.075	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	1.389	8.738	14.099	14.115	-	14.115	19.251	19.211	19.104	22.075	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1.389**	**8.738**	**14.099**	**14.115**	**-**	**14.115**	**19.251**	**19.211**	**19.104**	**22.075**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *(Units in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

Description:
CND Shore systems (AN/FYC-23) IT-21 Networks Operation Centers (NOCs), CND Labs, Outside the Continental United States (OCONUS) Navy Enterprise Network (ONE-Net) Information Assurance Suite (IAS), Broadcast Control Authorities (BCA), and Navy Cyber Defense Operations Command (NCDOC) fielded capabilities include: Anti-Virus, Content Filtering, Firewalls, Boundary Protection, Vulnerability Remediation Asset Manager (VRAM), Virtual Private Networks (VPNs), Intrusion Prevention Systems (IPS), Host Based Security System (HBSS), Secure Configuration Compliance Validation Initiative (SCCVI,) Out of Bound Management Grid (OMG), Assured Configuration Assessment Solution (ACAS), Authentication, Authorization and Accounting (AAA) servers, enhanced data correlation (Intelligent Agent Security Module (IASM)), DMZ, Keyboard, Video, Mouse (KVM), Routers and Switches, ancillary devices and other related security tools. The ONE-Net Security Enhancement Initiative consolidates Local Network Service Centers (LNSC) to their parent Theater Network Operations & Security Center (TNOSCs) enabling greater failover capability between ONE-Net sites. Virtual Training Site is the standing up of a virtual training center that will host Navy Schoolhouses.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*): 2 - Computer Network Defense (CND) Increment 2- Shore

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N

Financial Plan	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
Procurement												
Computer Network Defense (CND) Increment 2- Shore												
B Kits												
Recurring												
1.1.1) IT-21/NOC - NonOrganic [3]	1 / 0.426	4 / 1.966	4 / 2.789	4 / 2.841	- / -	4 / 2.841	4 / 2.986	4 / 3.077	4 / 3.170	4 / 3.265	Continuing	Continuing
1.1.2) IT-21/NCDOC - NonOrganic	- / -	1 / 0.778	1 / 0.793	2 / 1.471	- / -	2 / 1.471	2 / 1.498	2 / 1.585	2 / 1.750	2 / 1.820	Continuing	Continuing
1.1.3) IT-21/Broadcast Control Authority (BCA) - NonOrganic	- / -	4 / 0.839	- / -	4 / 0.568	- / -	4 / 0.568	4 / 0.586	4 / 0.603	4 / 0.738	4 / 0.783	Continuing	Continuing
1.1.4) ONE-NET/TNOSC - NonOrganic	1 / 0.505	2 / 0.987	3 / 2.051	3 / 2.050	- / -	3 / 2.050	3 / 2.189	3 / 2.228	3 / 2.355	3 / 2.411	- / -	21 / 14.776
1.1.5) ONE-Net Security Initiative - NonOrganic [4]	- / -	- / -	2 / 0.227	7 / 0.795	- / -	7 / 0.795	2 / 0.227	4 / 0.453	- / -	- / -	Continuing	Continuing
1.1.6) Virtual Training Center - Organic [5]	- / -	- / -	1 / 1.655	- / -	- / -	- / -	- / -	1 / 1.509	- / -	- / -	- / -	2 / 3.164
1.1.7) CND LABS - Organic [6]	- / -	- / -	3 / 2.073	2 / 1.392	- / -	2 / 1.392	3 / 2.290	3 / 2.337	3 / 2.684	3 / 2.733	- / -	17 / 13.509
Subtotal Recurring	*2 / 0.931*	*11 / 4.570*	*14 / 9.588*	*22 / 9.117*	*- / -*	*22 / 9.117*	*18 / 9.776*	*21 / 11.792*	*16 / 10.697*	*16 / 11.012*	*- / -*	*40 / 31.449*
Total, Computer Network Defense (CND) Increment 2- Shore	*2 / 0.931*	*11 / 4.570*	*14 / 9.588*	*22 / 9.117*	*- / -*	*22 / 9.117*	*18 / 9.776*	*21 / 11.792*	*16 / 10.697*	*16 / 11.012*	*Continuing*	*Continuing*
Total Procurement, All Modifications	*2 / 0.931*	*11 / 4.570*	*14 / 9.588*	*22 / 9.117*	*- / -*	*22 / 9.117*	*18 / 9.776*	*21 / 11.792*	*16 / 10.697*	*16 / 11.012*	*- / -*	*- / -*
Support												
2.1) CND Production Support Shore	- / -	- / 0.205	- / 0.251	- / 0.241	- / -	- / 0.241	- / 0.513	- / 0.475	- / 0.500	- / 0.562	- / -	- / 2.747
2.2) Pre-Design Install Planning Shore	- / 0.081	- / 0.592	- / 0.796	- / 0.521	- / -	- / 0.521	- / 0.831	- / 0.525	- / 0.534	- / 0.534	Continuing	Continuing
2.3) P3I for NCDOC Upgrades [7]	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.278	- / 1.181	- / 2.969	- / 4.400	- / -	- / 12.828
2.4) Initial Training [8]	- / -	- / 0.542	- / 0.526	- / 0.540	- / -	- / 0.540	- / 0.585	- / 0.572	- / 0.615	- / 0.666	- / -	- / 4.046
Total Support, All Modifications	*0.081*	*1.339*	*1.573*	*1.302*	*-*	*1.302*	*6.207*	*2.753*	*4.618*	*6.162*	*-*	*19.621*
Total Procurement and Support	*1.012*	*5.909*	*11.161*	*10.419*	*-*	*10.419*	*15.983*	*14.545*	*15.315*	*17.174*	*-*	*19.621*
Computer Network Defense (CND) Increment 2- Shore Installation Cost	- / 0.377	- / 2.829	- / 2.938	- / 3.696	- / -	- / 3.696	- / 3.268	- / 4.666	- / 3.789	- / 4.901	- / -	- / 26.464
Total Installation Cost	*- / 0.377*	*- / 2.829*	*- / 2.938*	*- / 3.696*	*- / -*	*- / 3.696*	*- / 3.268*	*- / 4.666*	*- / 3.789*	*- / 4.901*	*- / -*	*- / 26.464*
Total Cost (Procurement + Support + Installation)	**1.389**	**8.738**	**14.099**	**14.115**	**-**	**14.115**	**19.251**	**19.211**	**19.104**	**22.075**	**-**	**46.085**

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (***Modification Number - Modification Title***):** 2 - Computer Network Defense (CND) Increment 2- Shore

Models of Systems Affected: [No Model Specified]   **Type Modification:** [No Modification Type Specified]   **Related RDT&E PEs:** 0303140N

Manufacturer Information: Computer Network Defense (CND) Increment 2- Shore

Manufacturer Name: SSC Atlantic - CND Ashore	Manufacturer Location: Charleston, SC
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 1

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012	Dec 2013				
Delivery Dates	Jan 2012	Jan 2013	Jan 2014				

Installation: Computer Network Defense (CND) Increment 2- Shore   **Method of Implementation:** Installed   **Installation Name:** Computer Network Defense (CND) Increment 2- Shore

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	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)
All Prior Years	2 / 0.377	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.377
FY 2012	- / -	10 / 2.829	1 / 0.191	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 3.020
FY 2013	- / -	- / -	10 / 2.747	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.747
FY 2014	- / -	- / -	- / -	20 / 3.696	- / -	20 / 3.696	- / -	- / -	- / -	- / -	- / -	20 / 3.696
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	15 / 3.268	- / -	- / -	- / -	- / -	15 / 3.268
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 4.666	- / -	- / -	- / -	17 / 4.666
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 3.789	1 / 0.386	- / -	13 / 4.175
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 4.515	- / -	13 / 4.515
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 0.377	10 / 2.829	11 / 2.938	20 / 3.696	- / -	20 / 3.696	15 / 3.268	17 / 4.666	12 / 3.789	14 / 4.901	- / -	101 / 26.464

Installation Schedule

	APY	FY 2012 1	2	3	4	FY 2013 1	2	3	4	FY 2014 1	2	3	4	FY 2015 1	2	3	4	FY 2016 1	2	3	4	FY 2017 1	2	3	4	FY 2018 1	2	3	4	TC	Tot
In	2	-	4	4	2	1	1	3	6	-	5	6	9	-	3	5	7	-	4	8	5	-	5	6	1	1	7	2	4	-	101
Out	-	2	4	4	1	2	-	3	6	1	3	7	8	2	2	5	8	-	3	6	8	-	3	7	2	1	5	4	4	-	101

Installation: Computer Network Defense (CND) Increment 2- Shore   **Method of Implementation:** Not Installed - Virtual Training Center   **Installation Quantity:** 2

Installation: Computer Network Defense (CND) Increment 2- Shore   **Method of Implementation:** Not Installed - CND LABS   **Installation Quantity:** 17

Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*)**:** 2 - Computer Network Defense (CND) Increment 2- Shore
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Footnotes:

(3) CND Inc 2 Shore procurement/installation qty represents multiple CND architectures with an assortment of builds that are specifically designed to each site. Unit cost fluctuations vary with site type as well as variant being fielded to that site. Installation cost will vary based on equipment installed/removed as well as location. In accordance with CND's rapid IT fielding, CND procurement costs will vary year to year due to delivering capabilities determined by the CND Capabilities Steering Group.

(4) ONE-Net Security Initiative is the reconfiguration effort to modify failover capability between ONE-Net sites.

(5) Virtual Training Center involves the procurement of Network Security Vulnerability Training (NSVT) equipment at the Navy Enterprise Data Center (NEDC). New training center site will host Navy Schoolhouses. FY16 reflects integration of the latest CND training baselines. No associated installation costs.

(6) Computer Network Defense (CND) Labs support the operational testing prior to being fielded. No associated installation costs.

(7) P3I: Pre-Planned Product Improvement Initiative for NCDOC Upgrades replace end-of-life equipment with more robust capability required at NCDOC.

(8) Computer Network Defense (CND) is designated Training Support Agent (TSA) IAW OPNAV 11102.2, CND is required to transition initial training (train the trainer) and equipment to an approved solution at the schoolhouses.

Exhibit P-3A, Individual Modification: PB 2014 Navy										**Date:** April 2013	

Appropriation / Budget Activity / Budget Sub Activity:
1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment

P-1 Line Item Nomenclature:
3415 - Info Systems Security Program (ISSP)

Modification Nomenclature (*Modification Number - Modification Title*):
3 - Cyber Security VSE - Afloat

Models of Systems Affected: [No Model Specified]   **Type Modification:** [No Modification Type Specified]   **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	-	3.020	0.324	-	0.324	0.278	0.277	0.276	0.277	-	4.452
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	0.000	-	3.020	0.324	-	0.324	0.278	0.277	0.276	0.277	-	4.452
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**-**	**3.020**	**0.324**	**-**	**0.324**	**0.278**	**0.277**	**0.276**	**0.277**	**-**	**4.452**

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

Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *(Units in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012
The FY 2014 OCO Request will be submitted at a later date

Description:
Cyber Security Virtual Secure Enclave (VSE) is the follow-on limited transition of capabilities from the Office of the Secretary of Defense (OSD) / Pacific Command (PACOM) sponsored VSE Joint Capability Technology Demonstration (JCTD). The technology provides a virtual secure enclave within existing networks that create a two-way encrypted tunnel between locations. The procurement funds are to procure hardware nodes and accompanying software for Application Service Points (ASPs) and deployable Fly Away Kits (FAK), in order to provide an assured C2 capability for JTF-519 in the PACOM Area of Responsibility. This capability will be supported and maintained under CND specifically to support Joint Task Force (JTF)-519/PACOM urgent operational need until such time as an enterprise solution is fielded.

Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*): 3 - Cyber Security VSE - Afloat

Models of Systems Affected: [No Model Specified]   **Type Modification:** [No Modification Type Specified]   **Related RDT&E PEs:**

Financial Plan	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
Procurement												
Cyber Security VSE - Afloat												
B Kits												
Recurring												
1.1.1) Application Service Points - NonOrganic	- / -	- / -	2 / 0.320	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.320
1.1.2) Fly-Away-Kits - Organic [9]	- / -	- / -	10 / 2.400	1 / 0.259	- / -	1 / 0.259	1 / 0.269	1 / 0.268	1 / 0.267	1 / 0.268	- / -	15 / 3.731
Subtotal Recurring	- / -	- / -	12 / 2.720	1 / 0.259	- / -	1 / 0.259	1 / 0.269	1 / 0.268	1 / 0.267	1 / 0.268	- / -	17 / 4.051
Total, Cyber Security VSE - Afloat	- / -	- / -	12 / 2.720	1 / 0.259	- / -	1 / 0.259	1 / 0.269	1 / 0.268	1 / 0.267	1 / 0.268	- / -	17 / 4.051
Total Procurement, All Modifications	- / -	- / -	12 / 2.720	1 / 0.259	- / -	1 / 0.259	1 / 0.269	1 / 0.268	1 / 0.267	1 / 0.268	- / -	17 / 4.051
Support												
2.1) Hardware Integration	- / -	- / -	- / 0.050	- / 0.054	- / -	- / 0.054	- / -	- / -	- / -	- / -	- / -	- / 0.104
2.2) Production Support	- / -	- / -	- / 0.097	- / 0.011	- / -	- / 0.011	- / 0.009	- / 0.009	- / 0.009	- / 0.009	- / -	- / 0.144
Total Support, All Modifications	-	-	0.147	0.065	-	0.065	0.009	0.009	0.009	0.009	-	0.248
Total Procurement and Support	-	-	2.867	0.324	-	0.324	0.278	0.277	0.276	0.277	-	4.299
Cyber Security VSE - Afloat Installation Cost	- / 0.000	- / -	- / 0.153	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.153
Total Installation Cost	- / 0.000	- / -	- / 0.153	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.153
Total Cost (Procurement + Support + Installation)	**0.000**	**-**	**3.020**	**0.324**	**-**	**0.324**	**0.278**	**0.277**	**0.276**	**0.277**	**-**	**4.452**

Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (***Modification Number - Modification Title***):** 3 - Cyber Security VSE - Afloat
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:**

Manufacturer Information: Cyber Security VSE - Afloat

Manufacturer Name: GTRI	Manufacturer Location: Atlanta, GA
Administrative Leadtime *(in Months)*: 5	Production Leadtime *(in Months)*: 1

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Mar 2013	Mar 2014				
Delivery Dates		Apr 2013	Apr 2014				

Installation: Cyber Security VSE - Afloat	**Method of Implementation:** Installed	**Installation Name:** Cyber VSE Afloat - Application Service Points

Installation Cost	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	2 / 0.153	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.153
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	2 / 0.153	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.153

Installation Schedule

	APY	FY 2012 1	2	3	4	FY 2013 1	2	3	4	FY 2014 1	2	3	4	FY 2015 1	2	3	4	FY 2016 1	2	3	4	FY 2017 1	2	3	4	FY 2018 1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Out	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2

Installation: Cyber Security VSE - Afloat	**Method of Implementation:** Not Installed - Fly-Away-Kits	**Installation Quantity:** 15

Footnotes:

(9) Fly Away Kits (FAK) are not required to be installed; installation is funded by the cognizant Programs and Services.

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Exhibit P-3A, Individual Modification: PB 2014 Navy											Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment				**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)							**Modification Nomenclature (***Modification Number - Modification Title***):** 4 - Cyber Security VSE - Ashore	
Models of Systems Affected: [No Model Specified]				**Type Modification:** [No Modification Type Specified]					**Related RDT&E PEs:**			

Resource Summary	Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	-	4.620	0.776	-	0.776	0.362	0.363	0.364	0.363	-	6.848
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	0.000	-	4.620	0.776	-	0.776	0.362	0.363	0.364	0.363	-	6.848
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**-**	**4.620**	**0.776**	**-**	**0.776**	**0.362**	**0.363**	**0.364**	**0.363**	**-**	**6.848**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *(Units in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

Description:

Cyber Security VSE description: Cyber Security Virtual Secure Enclave (VSE) is the follow-on limited transition of capabilities from the OSD/ Pacific Command (PACOM) sponsored VSE Joint Capability Technology Demonstration (JCTD). The technology provides a virtual secure enclave within existing networks that create a two-way encrypted tunnel between locations. The procurement funds are to procure hardware nodes and accompanying software for shore Application Service Points (ASP), System Administration Node (SANs) and Client Nodes (CNs) in order to provide an assured Command & Control (C2) capability for JTF-519 in the PACOM Area of Responsibility. This capability will be supported and maintained under Computer Network Defense (CND) specifically to support the Joint Task Force (JTF) - 519/ PACOM urgent operational need until such time as an enterprise solution is fielded.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:
1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment

P-1 Line Item Nomenclature:
3415 - Info Systems Security Program (ISSP)

Modification Nomenclature (*Modification Number - Modification Title*):
4 - Cyber Security VSE - Ashore

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	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)
Procurement												
Cyber Security VSE - Ashore												
B Kits												
Recurring												
1.1.1) Application Service Point - NonOrganic	- / -	- / -	8 / 1.613	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.613
1.1.2) System Administration Node - NonOrganic	- / -	- / -	7 / 1.020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 1.020
1.1.3) Client Node - NonOrganic	- / -	- / -	2 / 0.499	2 / 0.527	- / -	2 / 0.527	1 / 0.273	1 / 0.273	1 / 0.273	1 / 0.271	- / -	8 / 2.116
Subtotal Recurring	- / -	- / -	17 / 3.132	2 / 0.527	- / -	2 / 0.527	1 / 0.273	1 / 0.273	1 / 0.273	1 / 0.271	- / -	23 / 4.749
Total, Cyber Security VSE - Ashore	- / -	- / -	17 / 3.132	2 / 0.527	- / -	2 / 0.527	1 / 0.273	1 / 0.273	1 / 0.273	1 / 0.271	- / -	23 / 4.749
Total Procurement, All Modifications	- / -	- / -	17 / 3.132	2 / 0.527	- / -	2 / 0.527	1 / 0.273	1 / 0.273	1 / 0.273	1 / 0.271	- / -	23 / 4.749
Support												
2.1) Hardware Integration	- / -	- / -	- / 0.100	- / 0.073	- / -	- / 0.073	- / -	- / -	- / -	- / -	- / -	- / 0.173
2.2) Production Support	- / -	- / -	- / 0.113	- / 0.021	- / -	- / 0.021	- / 0.010	- / 0.010	- / 0.010	- / 0.009	- / -	- / 0.173
Total Support, All Modifications	-	-	0.213	0.094	-	0.094	0.010	0.010	0.010	0.009	-	0.346
Total Procurement and Support	-	-	3.345	0.621	-	0.621	0.283	0.283	0.283	0.280	-	5.095
Cyber Security VSE - Ashore Installation Cost	- / 0.000	- / -	- / 1.275	- / 0.155	- / -	- / 0.155	- / 0.079	- / 0.080	- / 0.081	- / 0.083	- / -	- / 1.753
Total Installation Cost	- / 0.000	- / -	- / 1.275	- / 0.155	- / -	- / 0.155	- / 0.079	- / 0.080	- / 0.081	- / 0.083	- / -	- / 1.753
Total Cost (Procurement + Support + Installation)	0.000	-	4.620	0.776	-	0.776	0.362	0.363	0.364	0.363	-	6.848

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (***Modification Number - Modification Title***):** 4 - Cyber Security VSE - Ashore
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:**

Manufacturer Information: Cyber Security VSE - Ashore

Manufacturer Name: GTRI	Manufacturer Location: Atlanta, GA
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 2

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Feb 2013	Feb 2014				
Delivery Dates		Apr 2013	Apr 2014				

Installation: Cyber Security VSE - Ashore | **Method of Implementation:** Installed | **Installation Name:** Cyber VSE Ashore (B Kits)

Installation Cost	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	17 / 1.275	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 1.275
FY 2014	- / -	- / -	- / -	2 / 0.155	- / -	2 / 0.155	- / -	- / -	- / -	- / -	- / -	2 / 0.155
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.079	- / -	- / -	- / -	- / -	1 / 0.079
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.080	- / -	- / -	- / -	1 / 0.080
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.081	- / -	- / -	1 / 0.081
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.083	- / -	1 / 0.083
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	17 / 1.275	2 / 0.155	- / -	2 / 0.155	1 / 0.079	1 / 0.080	1 / 0.081	1 / 0.083	- / -	23 / 1.753

Installation Schedule

	APY	FY 2012 1	2	3	4	FY 2013 1	2	3	4	FY 2014 1	2	3	4	FY 2015 1	2	3	4	FY 2016 1	2	3	4	FY 2017 1	2	3	4	FY 2018 1	2	3	4	TC	Tot
In	-	-	-	-	-	-	-	-	17	-	-	2	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	23
Out	-	-	-	-	-	-	-	-	17	-	-	2	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	23

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature (*Modification Number - Modification Title*): 5 - Communications Security (COMSEC / CRYPTO) - Afloat

Models of Systems Affected: [No Model Specified]   **Type Modification:** [No Modification Type Specified]   **Related RDT&E PEs:** 0303140N

Resource Summary	Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ($ in Millions)	189.960	19.566	57.892	48.098	-	48.098	56.891	52.728	35.551	38.463	Continuing	Continuing
Less PY Advance Procurement ($ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ($ in Millions)	189.960	19.566	57.892	48.098	-	48.098	56.891	52.728	35.551	38.463	Continuing	Continuing
Plus CY Advance Procurement ($ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority ($ in Millions)	**189.960**	**19.566**	**57.892**	**48.098**	**-**	**48.098**	**56.891**	**52.728**	**35.551**	**38.463**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares ($ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012
The FY 2014 OCO Request will be submitted at a later date

Description:
Procurements within the COMSEC / CRYPTO legacy and modernization equipment lines include: KIV-7M (Device used for WALBURN, COMSEC Crypto Serial Replacement phase I and II and KW-46 installations), Enhanced Firefly (EFF), and AN-PYQ-20(v)(c) (formerly KL-51 Crypto devices). Also included are Cryptographic Universal Enclosures (CUE), CUE testing devices, Crypto High Value Products (CHVP) KGV-136B, KG-3X (KG-333, KG-361), Unmanned Aerial Vehicle (UAV) Embeded devices, Identify Friend or Foe (IFF) devices, and Inline Network Encryptors (INE), KG-175A and KG-175D, KG-45A, KOV-26 (TALON), KIV-54, KG 40AR, KO2 Enclosure replacement (HNF 2/HNF 3), AN-PYQ-20(v)(c) kits (Suitcase, and Components), Cryptographic Logon (CLO), Combat Key Generator (KOK-23), KG-250 and KG-250X, (Transmission Security)TRANSEC, associated ancillary testers, rack mounts and parts, production support, integration, and installation are also included. The COMSEC line includes Secure Voice. Secure Voice is a collection of next generation Secure Voice products and Legacy which includes various configurations of modernization products such as office, tactical, wireless, remote, telephony and tactical crypto equipment, including vIPer Phone. VINSON ANDVT Crypto Modernization (VACM) is a multi service, United States Air Force (USAF) led, effort to modernize KY-57, KY-58, KY-99A, KY-100, and KYV-5 legacy devices in the Navy, United States Coast Guard (USCG) and United States Marine Corps (USMC). Procurement for the VACM devices and ancillary equipment starts in FY13. Secure Voice also supports AN/USC-43(V)M), Tactical Shore Gateway (TSG), Internet Protocol (IP) devices.

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:
1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment

P-1 Line Item Nomenclature:
3415 - Info Systems Security Program (ISSP)

Modification Nomenclature (*Modification Number - Modification Title*):
5 - Communications Security (COMSEC / CRYPTO) - Afloat

Models of Systems Affected: [No Model Specified]   **Type Modification:** [No Modification Type Specified]   **Related RDT&E PEs:** 0303140N

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	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)
Procurement												
Communications Security (COMSEC / CRYPTO) - Afloat												
B Kits												
Recurring												
1.1.1) KG 175D - Organic	- / -	119 / 1.679	2,413 / 32.879	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
1.1.2) KG 45A - Organic	168 / 1.781	10 / 0.113	90 / 1.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	268 / 2.896
1.1.3) TRANSEC (Procurement Only) - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	106 / 0.848	450 / 3.662	Continuing	Continuing
1.1.4) Unmanned Aerial Vehicle (UAV) Embedded Crypto - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	154 / 1.394	404 / 3.618	Continuing	Continuing
1.1.5) Crypto - AN-PYQ-20(v)(c) - NonOrganic	43 / 0.369	2 / 0.008	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	45 / 0.377
1.1.6) Crypto - Comsec Crypto Serial Replacement - NonOrganic [10]	128 / 14.635	69 / 8.245	59 / 4.791	16 / 1.109	- / -	16 / 1.109	2 / 0.151	- / -	- / -	- / -	- / -	274 / 28.931
1.1.7) COMSEC Serial Crypto Replacement (Phase 2) - NonOrganic [11]	- / -	- / -	- / -	41 / 2.375	- / -	41 / 2.375	46 / 2.007	27 / 1.256	6 / 0.228	- / -	- / -	120 / 5.866
1.1.8) Crypto - Sub CM CSRR - NonOrganic	7 / 3.929	3 / 1.659	3 / 2.952	24 / 9.976	- / -	24 / 9.976	14 / 5.373	13 / 4.403	5 / 1.663	- / -	Continuing	Continuing
1.1.9) CSRR - CUE (Phase 2) - NonOrganic	- / -	- / -	- / -	20 / 0.931	- / -	20 / 0.931	23 / 0.879	24 / 0.777	4 / 0.111	2 / 0.075	Continuing	Continuing
1.1.10) Crypto - VACM - NonOrganic [12]	- / -	- / -	3 / 1.110	65 / 11.382	- / -	65 / 11.382	75 / 12.895	104 / 15.090	15 / 0.809	- / -	- / -	262 / 41.286
1.1.11) Crypto - KO2 Replacement - NonOrganic	2 / 0.050	2 / 0.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.100
1.1.12) TRANSEC - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / 5.466	32 / 5.300	Continuing	Continuing
1.1.13) Enhanced Fire Fly (EFF) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.539	54 / 5.632	- / -	69 / 7.171
1.1.14) KW-46 - NonOrganic [13]	- / -	- / -	34 / 0.293	65 / 0.634	- / -	65 / 0.634	14 / 0.102	105 / 1.141	49 / 0.492	4 / 0.032	Continuing	Continuing
1.1.15) Prior Year Crypto - NonOrganic	101 / 112.259	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	101 / 112.259
Subtotal Recurring	*449 / 133.023*	*205 / 11.754*	*2,602 / 43.027*	*231 / 26.407*	*- / -*	*231 / 26.407*	*174 / 21.407*	*273 / 22.667*	*387 / 12.550*	*946 / 18.319*	*- / -*	*1,143 / 198.886*
Total, Communications Security (COMSEC / CRYPTO) - Afloat	*449 / 133.023*	*205 / 11.754*	*2,602 / 43.027*	*231 / 26.407*	*- / -*	*231 / 26.407*	*174 / 21.407*	*273 / 22.667*	*387 / 12.550*	*946 / 18.319*	*Continuing*	*Continuing*
Total Procurement, All Modifications	449 / 133.023	205 / 11.754	2,602 / 43.027	231 / 26.407	- / -	231 / 26.407	174 / 21.407	273 / 22.667	387 / 12.550	946 / 18.319	- / -	- / -
Support												
2.1) Communications Security (COMSEC / CRYPTO) - Afloat Production Support	- / 19.081	- / 0.322	- / 1.400	- / 0.924	- / -	- / 0.924	- / 0.749	- / 0.793	- / 0.439	- / 0.639	Continuing	Continuing
2.2) Communications Security (COMSEC / CRYPTO) - Afloat DSA	- / 10.156	- / 1.028	- / 2.173	- / 7.358	- / -	- / 7.358	- / 8.981	- / 7.065	- / 6.263	- / 4.398	Continuing	Continuing
Total Support, All Modifications	*29.237*	*1.350*	*3.573*	*8.282*	*-*	*8.282*	*9.730*	*7.858*	*6.702*	*5.037*	*-*	*-*

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*)**:** 5 - Communications Security (COMSEC / CRYPTO) - Afloat

Models of Systems Affected: [No Model Specified]   **Type Modification:** [No Modification Type Specified]   **Related RDT&E PEs:** 0303140N

Financial Plan	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
Total Procurement and Support	*162.260*	*13.104*	*46.600*	*34.689*	*-*	*34.689*	*31.137*	*30.525*	*19.252*	*23.356*	*-*	*-*
Communications Security (COMSEC / CRYPTO) - Afloat Installation Cost	- / 27.700	- / 6.462	- / 11.292	- / 13.409	- / -	- / 13.409	- / 25.754	- / 22.203	- / 16.299	- / 15.107	- / 5.944	- / 144.170
Total Installation Cost	*- / 27.700*	*- / 6.462*	*- / 11.292*	*- / 13.409*	*- / -*	*- / 13.409*	*- / 25.754*	*- / 22.203*	*- / 16.299*	*- / 15.107*	*- / 5.944*	*- / 144.170*
Total Cost (Procurement + Support + Installation)	**189.960**	**19.566**	**57.892**	**48.098**	**-**	**48.098**	**56.891**	**52.728**	**35.551**	**38.463**	**5.944**	**144.170**

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Exhibit P-3A, Individual Modification: PB 2014 Navy			Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)		**Modification Nomenclature** (*Modification Number - Modification Title*): 5 - Communications Security (COMSEC / CRYPTO) - Afloat

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N

Manufacturer Information: Communications Security (COMSEC / CRYPTO) - Afloat

Manufacturer Name: GDC4S - KG-175A ; KG-175D [14]				Manufacturer Location: Needham, MA			
Administrative Leadtime (*in Months*): 4				Production Leadtime (*in Months*): 7			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013					
Delivery Dates	Sep 2012	Sep 2013					

Manufacturer Name: Rockwell Collins - KG-3X				Manufacturer Location: Richardson, TX			
Administrative Leadtime (*in Months*): 4				Production Leadtime (*in Months*): 7			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012						
Delivery Dates	Sep 2012						

Manufacturer Name: L3 - 3042 Enclosures; 3040 Enclosures; 3036 Enclosures				Manufacturer Location: Handover, MD			
Administrative Leadtime (*in Months*): 4				Production Leadtime (*in Months*): 7			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013	Feb 2014				
Delivery Dates	Sep 2012	Sep 2013	Sep 2014				

Manufacturer Name: VACM - Raytheon				Manufacturer Location: Fort Wayne, IN			
Administrative Leadtime (*in Months*): 4				Production Leadtime (*in Months*): 7			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Jul 2013	Feb 2014				
Delivery Dates		Feb 2014	Sep 2014				

Manufacturer Name: COMSEC Serial Phase 1 - SafeNet				Manufacturer Location: Columbia, MD			
Administrative Leadtime (*in Months*): 4				Production Leadtime (*in Months*): 7			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013	Feb 2014				
Delivery Dates	Sep 2012	Sep 2013	Sep 2014				

Manufacturer Name: COMSEC Phase 2 - SafeNet				Manufacturer Location: Columbia, MD			
Administrative Leadtime (*in Months*): 4				Production Leadtime (*in Months*): 7			

Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (***Modification Number - Modification Title***):** 5 - Communications Security (COMSEC / CRYPTO) - Afloat
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Manufacturer Information: Communications Security (COMSEC / CRYPTO) - Afloat

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Feb 2014				
Delivery Dates			Sep 2014				

Manufacturer Name: SSC Atlantic - CSRR	Manufacturer Location: Charleston, SC
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 7

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013	Feb 2014				
Delivery Dates	Sep 2012	Sep 2013	Sep 2014				

Manufacturer Name: KW-46 - SafeNet	Manufacturer Location: Columbia, MD
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 7

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Feb 2013	Feb 2014				
Delivery Dates		Sep 2013	Sep 2014				

Installation: Communications Security (COMSEC / CRYPTO) - Afloat — **Method of Implementation:** Installed — **Installation Name:** Communications Security (COMSEC / CRYPTO) - Afloat

Installation Cost	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
All Prior Years	229 / 27.700	52 / 6.446	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	281 / 34.146
FY 2012	- / -	1 / 0.016	75 / 9.978	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 9.994
FY 2013	- / -	- / -	8 / 1.314	91 / 10.009	- / -	91 / 10.009	- / -	- / -	- / -	- / -	- / -	99 / 11.323
FY 2014	- / -	- / -	- / -	30 / 3.400	- / -	30 / 3.400	201 / 22.220	- / -	- / -	- / -	- / -	231 / 25.620
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	36 / 3.534	138 / 14.939	- / -	- / -	- / -	174 / 18.473
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	88 / 7.264	185 / 15.550	- / -	- / -	273 / 22.814
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.749	119 / 15.024	- / -	127 / 15.773
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.083	91 / 5.944	92 / 6.027
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	229 / 27.700	53 / 6.462	83 / 11.292	121 / 13.409	- / -	121 / 13.409	237 / 25.754	226 / 22.203	193 / 16.299	120 / 15.107	91 / 5.944	1,353 / 144.170

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (***Modification Number - Modification Title***):** 5 - Communications Security (COMSEC / CRYPTO) - Afloat
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Installation: Communications Security (COMSEC / CRYPTO) - Afloat	**Method of Implementation:** Installed	**Installation Name:** Communications Security (COMSEC / CRYPTO) - Afloat

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	227	2	1	5	19	28	27	35	13	8	31	39	23	28	66	70	58	43	60	27	49	90	132	36	15	10	69	44	6	92	1,353
Out	227	-	3	1	16	31	27	30	18	8	28	34	25	36	63	66	55	54	55	28	51	92	116	48	16	13	69	44	6	93	1,353

Installation: Communications Security (COMSEC / CRYPTO) - Afloat	**Method of Implementation:** Not Installed - KG 175D	**Installation Quantity:** 2532

Installation: Communications Security (COMSEC / CRYPTO) - Afloat	**Method of Implementation:** Not Installed - KG 45A	**Installation Quantity:** 268

Installation: Communications Security (COMSEC / CRYPTO) - Afloat	**Method of Implementation:** Not Installed - TRANSEC (Procurement Only)	**Installation Quantity:** 556

Installation: Communications Security (COMSEC / CRYPTO) - Afloat	**Method of Implementation:** Not Installed - Unmanned Aerial Vehicle (UAV) Embedded Crypto	**Installation Quantity:** 558

Footnotes:

[10] Comsec Crypto Serial Replacement procurement quantities represent units, devices and/or install kits. Unit costs vary per platform based on crypto configuration quantity requirements. Depending on the device and quantity procured, unit cost can fluctuate widely.

[11] COMSEC Serial Crypto Replacement (Phase 2) products vary in cost is due to unique configurations for multiple platforms. This includes COMSEC Crypto Serial Replacement, phases one and two, AN-PYQ-20(C), TRANSEC, KO2 Replacement, VACM devices, CSRR-CUE, KW-46 and Enhanced FireFly (EFF).

[12] VACM unit cost fluctuation in FY13 is due to procurement of LRIP equipment following milestone C decision. Unit costs vary per platform based on crypto configuration quantity requirements.

[13] Additional KW-46 units procured due to change in requirements to support submarine Fleet Broadcast.

[14] Administrative lead times includes NSA's contract lead time.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature (*Modification Number - Modification Title*): 6 - Communications Security (COMSEC / CRYPTO) - Shore

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N

Resource Summary	Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (*Units in Each*)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (*$ in Millions*)	546.573	27.053	25.341	26.020	-	26.020	27.007	30.789	11.220	9.819	Continuing	Continuing
Less PY Advance Procurement (*$ in Millions*)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (*$ in Millions*)	546.573	27.053	25.341	26.020	-	26.020	27.007	30.789	11.220	9.819	Continuing	Continuing
Plus CY Advance Procurement (*$ in Millions*)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (*$ in Millions*)	**546.573**	**27.053**	**25.341**	**26.020**	**-**	**26.020**	**27.007**	**30.789**	**11.220**	**9.819**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (*$ in Millions*)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (*Units in Thousands*)	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

Description:
Procurements within the COMSEC / CRYPTO legacy and modernization equipment lines include: KIV-7M (Device used for WALBURN, COMSEC Crypto Serial Replacement phase I and II and KW-46 installations), Enhanced Firefly (EFF), and AN-PYQ-20(v)(c) (formerly KL-51 Crypto devices). Also included are Cryptographic Universal Enclosures (CUE), CUE testing devices, Crypto High Value Products (CHVP) KGV-136B, KG-3X (KG-333, KG-361), Unmanned Aerial Vehicle (UAV) Embeded devices, Identify Friend or Foe (IFF), and Inline Network Encryptors (INE), KG-175A and KG-175D, KG-45A, KOV-26 (TALON), KIV-54, KG 40AR, KO2 Enclosure replacement (HNF 2/HNF 3), AN-PYQ-20(v)(c) kits (Suitcase, and Components), Cryptographic Logon (CLO), Combat Key Generator (KOK-23), KG-250 and KG-250X, (Transmission Security)TRANSEC, associated ancillary testers, rack mounts and parts, production support, integration, and installation are also included. The COMSEC line includes Secure Voice. Secure Voice is a collection of next generation Secure Voice products and Legacy which includes various configurations of modernization products such as office, tactical, wireless, remote, telephony and tactical crypto equipment, including vIPer Phone. VINSON ANDVT Crypto Modernization (VACM) is a multi service, United States Air Force (USAF) led, effort to modernize KY-57, KY-58, KY-99A, KY-100, and KYV-5 legacy devices in the Navy, United States Coast Guard (USCG) and United States Marine Corps (USMC). Procurement for the VACM devices and ancillary equipment starts in FY13. Secure Voice supports AN/USC-43(V)M), Tactical Shore Gateway (TSG), Internet Protocol (IP) devices.

Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*)**:** 6 - Communications Security (COMSEC / CRYPTO) - Shore

Models of Systems Affected: [No Model Specified]　**Type Modification:** [No Modification Type Specified]　**Related RDT&E PEs:** 0303140N

Financial Plan	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
Procurement												
Communications Security (COMSEC / CRYPTO) - Shore												
B Kits												
Recurring												
1.1.1) KG 175D - Organic	49 / 0.494	120 / 1.339	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	169 / 1.833
1.1.2) KG 175A - Organic	14 / 0.527	50 / 1.432	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	64 / 1.959
1.1.3) KG3X Suites - Organic	6 / 0.990	24 / 3.297	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 4.287
1.1.4) VACM (KYV 5M, KY100M, KY99M, KY57M, KY58M) - Organic	- / -	- / -	- / -	2,617 / 14.815	- / -	2,617 / 14.815	3,771 / 21.536	2,597 / 14.956	- / -	693 / 4.163	Continuing	Continuing
1.1.5) TRANSEC - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.398	Continuing	Continuing
1.1.6) Unmanned Aerial Vehicle (UAV) Embedded Crypto - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 0.527	35 / 0.321	- / -	95 / 0.848
1.1.7) PY Equipment - NonOrganic	57 / 266.762	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	57 / 266.762
1.1.8) Crypto - COMSEC Crypto Serial Replacement - NonOrganic [15]	26 / 5.199	93 / 17.769	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	119 / 22.968
1.1.9) COMSEC Serial Crypto Replacement (Phase 2) - NonOrganic [16]	- / -	- / -	- / -	30 / 1.145	- / -	30 / 1.145	- / -	- / -	- / -	- / -	- / -	30 / 1.145
1.1.10) Crypto - VACM - NonOrganic [17]	- / -	- / -	16 / 3.040	31 / 5.923	- / -	31 / 5.923	8 / 1.556	66 / 13.069	- / -	- / -	- / -	121 / 23.588
1.1.11) TRANSEC - Install - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 4.346	- / -	- / -	31 / 4.346
1.1.12) EFF - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 2.463	- / -	- / -	24 / 2.463
1.1.13) KW-46 - NonOrganic [18]	- / -	- / -	3 / 0.291	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.291
Subtotal Recurring	*152 / 273.972*	*287 / 23.837*	*19 / 3.331*	*2,678 / 21.883*	*- / -*	*2,678 / 21.883*	*3,779 / 23.092*	*2,663 / 28.025*	*115 / 7.336*	*759 / 4.882*	*- / -*	*743 / 330.490*
Total, Communications Security (COMSEC / CRYPTO) - Shore	*152 / 273.972*	*287 / 23.837*	*19 / 3.331*	*2,678 / 21.883*	*- / -*	*2,678 / 21.883*	*3,779 / 23.092*	*2,663 / 28.025*	*115 / 7.336*	*759 / 4.882*	*Continuing*	*Continuing*
Total Procurement, All Modifications	*152 / 273.972*	*287 / 23.837*	*19 / 3.331*	*2,678 / 21.883*	*- / -*	*2,678 / 21.883*	*3,779 / 23.092*	*2,663 / 28.025*	*115 / 7.336*	*759 / 4.882*	*- / -*	*- / -*
Support												
2.1) Communications Security (COMSEC / CRYPTO) - Shore Production Support	- / 3.488	- / 0.834	- / 0.117	- / 0.746	- / -	- / 0.746	- / 0.803	- / 0.971	- / 0.255	- / 0.163	Continuing	Continuing
2.2) (COMSEC / CRYPTO) - Shore Pre-Design Install Planning	- / 2.351	- / 2.382	- / -	- / 1.966	- / -	- / 1.966	- / 0.187	- / 1.410	- / 1.068	- / -	Continuing	Continuing
Total Support, All Modifications	*5.839*	*3.216*	*0.117*	*2.712*	*-*	*2.712*	*0.990*	*2.381*	*1.323*	*0.163*	*-*	*-*
Total Procurement and Support	*279.811*	*27.053*	*3.448*	*24.595*	*-*	*24.595*	*24.082*	*30.406*	*8.659*	*5.045*	*-*	*-*

Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (***Modification Number - Modification Title***):** 6 - Communications Security (COMSEC / CRYPTO) - Shore

Models of Systems Affected: [No Model Specified]   **Type Modification:** [No Modification Type Specified]   **Related RDT&E PEs:** 0303140N

Financial Plan	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
Communications Security (COMSEC / CRYPTO) - Shore Installation Cost	- / 266.762	- / -	- / 21.893	- / 1.425	- / -	- / 1.425	- / 2.925	- / 0.383	- / 2.561	- / 4.774	- / -	- / 300.723
Total Installation Cost	- / 266.762	- / -	- / 21.893	- / 1.425	- / -	- / 1.425	- / 2.925	- / 0.383	- / 2.561	- / 4.774	- / -	- / 300.723
Total Cost (Procurement + Support + Installation)	**546.573**	**27.053**	**25.341**	**26.020**	**-**	**26.020**	**27.007**	**30.789**	**11.220**	**9.819**	**-**	**300.723**

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature (*Modification Number - Modification Title*): 6 - Communications Security (COMSEC / CRYPTO) - Shore

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0303140N

Manufacturer Information: Communications Security (COMSEC / CRYPTO) - Shore

Manufacturer Name: GDC4S - KG-175A; KG-175D [19]				Manufacturer Location: Needham, MA			
Administrative Leadtime *(in Months)*: 4				Production Leadtime *(in Months)*: 7			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013					
Delivery Dates	Sep 2012	Sep 2013					

Manufacturer Name: Rockwell Collins - KG-3X				Manufacturer Location: Richardson, TX			
Administrative Leadtime *(in Months)*: 4				Production Leadtime *(in Months)*: 7			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012						
Delivery Dates	Sep 2012						

Manufacturer Name: L3 - 3042 Enclosures; 3040 Enclosures; 3036 Enclosures				Manufacturer Location: Handover, MD			
Administrative Leadtime *(in Months)*: 4				Production Leadtime *(in Months)*: 7			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013	Feb 2014				
Delivery Dates	Sep 2012	Sep 2013	Sep 2014				

Manufacturer Name: VACM - Raytheon				Manufacturer Location: Fort Wayne, IND			
Administrative Leadtime *(in Months)*: 6				Production Leadtime *(in Months)*: 7			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Apr 2013	Apr 2014				
Delivery Dates		Nov 2013	Nov 2014				

Manufacturer Name: KIV-7M Cabling - L-3 Com				Manufacturer Location: Handover, MD			
Administrative Leadtime *(in Months)*: 4				Production Leadtime *(in Months)*: 7			

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013					
Delivery Dates	Sep 2012	Sep 2013					

Manufacturer Name: COMSEC Serial Phase 1 - SafeNet				Manufacturer Location: Columbia, MD			
Administrative Leadtime *(in Months)*: 4				Production Leadtime *(in Months)*: 7			

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (*Modification Number - Modification Title*):** 6 - Communications Security (COMSEC / CRYPTO) - Shore

Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Manufacturer Information: Communications Security (COMSEC / CRYPTO) - Shore

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013	Feb 2014				
Delivery Dates	Sep 2012	Sep 2013	Mar 2014				

Manufacturer Name: COMSEC Serial Phase 2 - SafeNet	Manufacturer Location: Columbia, MD
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 7

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Feb 2014				
Delivery Dates			Sep 2014				

Manufacturer Name: CSRR - SSC Atlantic	Manufacturer Location: Charleston, SC
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 7

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Feb 2012	Feb 2013	Feb 2014				
Delivery Dates	Sep 2012	Sep 2013	Sep 2014				

Installation: Communications Security (COMSEC / CRYPTO) - Shore	**Method of Implementation:** [none specified]	**Installation Name:** Communications Security (COMSEC / CRYPTO) - Shore

Installation Cost	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
All Prior Years	122 / 266.762	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	122 / 266.762
FY 2012	- / -	- / -	93 / 21.893	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	93 / 21.893
FY 2013	- / -	- / -	- / -	19 / 1.425	- / -	19 / 1.425	- / -	- / -	- / -	- / -	- / -	19 / 1.425
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	61 / 2.925	- / -	- / -	- / -	- / -	61 / 2.925
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.383	- / -	- / -	- / -	8 / 0.383
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	66 / 2.561	- / -	- / -	66 / 2.561
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 4.774	- / -	55 / 4.774
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	122 / 266.762	- / -	93 / 21.893	19 / 1.425	- / -	19 / 1.425	61 / 2.925	8 / 0.383	66 / 2.561	55 / 4.774	- / -	424 / 300.723

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (***Modification Number - Modification Title***):** 6 - Communications Security (COMSEC / CRYPTO) - Shore
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Installation: Communications Security (COMSEC / CRYPTO) - Shore	Method of Implementation: [none specified]	Installation Name: Communications Security (COMSEC / CRYPTO) - Shore

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	83	-	-	-	-	24	23	24	22	-	2	9	8	8	14	8	31	2	2	2	2	18	16	16	16	-	28	14	13	-	385
Out	83	-	-	-	-	24	23	16	24	6	2	9	8	8	14	8	31	2	2	2	2	18	16	16	16	-	28	14	13	-	385

Installation: Communications Security (COMSEC / CRYPTO) - Shore	Method of Implementation: Not Installed - KG 175D	Installation Quantity: 169
Installation: Communications Security (COMSEC / CRYPTO) - Shore	Method of Implementation: Not Installed - KG 175A	Installation Quantity: 64
Installation: Communications Security (COMSEC / CRYPTO) - Shore	Method of Implementation: Not Installed - KG3X Suites	Installation Quantity: 30
Installation: Communications Security (COMSEC / CRYPTO) - Shore	Method of Implementation: Not Installed - VACM (KYV 5M, KY100M, KY99M, KY57M, KY58M)	Installation Quantity: 9678
Installation: Communications Security (COMSEC / CRYPTO) - Shore	Method of Implementation: Not Installed - TRANSEC	Installation Quantity: 31
Installation: Communications Security (COMSEC / CRYPTO) - Shore	Method of Implementation: Not Installed - Unmanned Aerial Vehicle (UAV) Embedded Crypto	Installation Quantity: 95

Footnotes:

[15] Crypto - COMSEC Crypto Serial Replacement: Procurement quantities represent units, devices and/or install kits. Unit costs vary per platform based on crypto configuration quantity requirements. Depending on the device and quantity procured, unit cost can fluctuate widely.

[16] COMSEC Serial Crypto Replacement (Phase 2) procured in FY14 to backfit Extremly High Frequency (EHF) circuits.

[17] Crypto - VACM: VACM Shore devices are procured at a higher unit cost than afloat. Afloat devices are low rate initial units.

[18] Additional KW-46 units procured due to change in requirements to support submarine Fleet Broadcast.

Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** **(***Modification Number - Modification Title***):** 6 - Communications Security (COMSEC / CRYPTO) - Shore
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

[19] Administrative lead times includes NSA's contract lead time.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** **(***Modification Number - Modification Title***):** 7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl

Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Resource Summary	Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ($ in Millions)	27.216	3.045	11.865	13.830	-	13.830	14.014	11.258	7.891	8.725	Continuing	Continuing
Less PY Advance Procurement ($ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ($ in Millions)	27.216	3.045	11.865	13.830	-	13.830	14.014	11.258	7.891	8.725	Continuing	Continuing
Plus CY Advance Procurement ($ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority ($ in Millions)	**27.216**	**3.045**	**11.865**	**13.830**	**-**	**13.830**	**14.014**	**11.258**	**7.891**	**8.725**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares ($ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

Description:
EKMS Phase V is a collection of next generation EKMS products to upgrade and replace the capabilities of the: Communications Security (COMSEC) Manager Work Station (CMWS), Manager Client Advanced Key Processor (MGC/AKP), Secure Data Systems (SDS), Simple Key Loaders (SKLs), Data Management Devices (DMDs), Key Processors (KP), Tactical Key Loaders (TKL). Key Management Infrastructure (KMI) includes MGC/AKP, High Assurance Internet Protocol Equipment (HAIPE) devices, Next Generation Key Fill Devices, Delivery Only Client (DOC) and associated ancillary products such as printers, tape drives and fill cables.

Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (*Modification Number - Modification Title*):** 7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl

Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Financial Plan	**Prior Years** Qty (Each) / Total Cost ($ M)	**FY 2012** Qty (Each) / Total Cost ($ M)	**FY 2013** Qty (Each) / Total Cost ($ M)	**FY 2014 Base** Qty (Each) / Total Cost ($ M)	**FY 2014 OCO** Qty (Each) / Total Cost ($ M)	**FY 2014 Total** Qty (Each) / Total Cost ($ M)	**FY 2015** Qty (Each) / Total Cost ($ M)	**FY 2016** Qty (Each) / Total Cost ($ M)	**FY 2017** Qty (Each) / Total Cost ($ M)	**FY 2018** Qty (Each) / Total Cost ($ M)	**To Complete** Qty (Each) / Total Cost ($ M)	**Total** Qty (Each) / Total Cost ($ M)
Procurement												
Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl												
B Kits												
Recurring												
1.1.1) EKMS Simple Key Loader (SKL) - Organic [20]	2,583 / 22.365	383 / 1.228	2,146 / 7.404	1,636 / 4.990	- / -	1,636 / 4.990	477 / 1.431	- / -	- / -	- / -	- / -	7,225 / 37.418
1.1.2) KMI Next Generation Fill Device - Organic [21]	- / -	- / -	- / -	- / -	- / -	- / -	- / -	346 / 1.040	1,198 / 3.642	2,484 / 7.576	Continuing	Continuing
1.1.3) KMI MGC/AKP/HAIPE - Organic	- / -	- / -	50 / 1.810	35 / 1.273	- / -	35 / 1.273	20 / 0.734	- / -	- / -	- / -	- / -	105 / 3.817
1.1.4) KMI MGC/AKP - Organic	- / 0.619	- / -	45 / 1.184	45 / 1.183	- / -	45 / 1.183	20 / 0.526	- / -	- / -	- / -	- / -	110 / 3.512
1.1.5) KMI AKP Only - Organic	- / -	- / -	25 / 0.538	25 / 0.538	- / -	25 / 0.538	10 / 0.216	- / -	- / -	- / -	- / -	60 / 1.292
1.1.6) KMI Delivery Only Client (DOC) (No Install) - Organic	- / -	- / -	- / -	10 / 0.200	- / -	10 / 0.200	5 / 0.100	5 / 0.100	5 / 0.100	- / -	- / -	25 / 0.500
1.1.7) EKMS Enhanced Storage Backup Hard Drive - NonOrganic	157 / 0.157	138 / 0.138	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	295 / 0.295
1.1.8) KMI SPIRAL 2 - NonOrganic [22]	- / -	- / -	4 / 0.105	47 / 1.270	- / -	47 / 1.270	63 / 2.224	41 / 1.451	9 / 0.319	1 / 0.036	Continuing	Continuing
1.1.9) KMI Delivery Only Client (DOC) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	28 / 0.560	35 / 0.700	9 / 0.180	3 / 0.060	Continuing	Continuing
1.1.10) KMI SPIRAL 2, Software Only - NonOrganic [23]	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.003	28 / 0.028	50 / 0.051	3 / 0.003	Continuing	Continuing
Subtotal Recurring	2,740 / 23.141	521 / 1.366	2,270 / 11.041	1,798 / 9.454	- / -	1,798 / 9.454	626 / 5.794	455 / 3.319	1,271 / 4.292	2,491 / 7.675	- / -	7,820 / 46.834
Total, Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl	2,740 / 23.141	521 / 1.366	2,270 / 11.041	1,798 / 9.454	- / -	1,798 / 9.454	626 / 5.794	455 / 3.319	1,271 / 4.292	2,491 / 7.675	Continuing	Continuing
Total Procurement, All Modifications	2,740 / 23.141	521 / 1.366	2,270 / 11.041	1,798 / 9.454	- / -	1,798 / 9.454	626 / 5.794	455 / 3.319	1,271 / 4.292	2,491 / 7.675	- / -	- / -
Support												
2.1) EKMS Production Support	- / 0.776	- / 0.048	- / 0.392	- / 0.368	- / -	- / 0.368	- / 0.276	- / 0.132	- / 0.168	- / 0.266	Continuing	Continuing
2.2) EKMS DSA Enhanced Storage	- / 1.875	- / 0.587	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
2.3) EKMS DSA KMI DOC	- / -	- / -	- / -	- / 0.840	- / -	- / 0.840	- / 0.939	- / 0.505	- / 0.274	- / 0.057	Continuing	Continuing
2.4) EKMS DSA KMI Spiral 2 [24]	- / -	- / -	- / 0.432	- / 2.448	- / -	- / 2.448	- / 2.820	- / 1.421	- / 0.242	- / 0.012	- / -	- / 7.375
Total Support, All Modifications	2.651	0.635	0.824	3.656	-	3.656	4.035	2.058	0.684	0.335	-	7.375
Total Procurement and Support	25.792	2.001	11.865	13.110	-	13.110	9.829	5.377	4.976	8.010	-	7.375

Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*)**:** 7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl

Models of Systems Affected: [No Model Specified]   **Type Modification:** [No Modification Type Specified]   **Related RDT&E PEs:** 0303140N

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	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)
Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl Installation Cost	- / 1.424	- / 1.044	- / -	- / 0.720	- / -	- / 0.720	- / 4.185	- / 5.881	- / 2.915	- / 0.715	- / -	- / 16.884
Total Installation Cost	- / 1.424	- / 1.044	- / -	- / 0.720	- / -	- / 0.720	- / 4.185	- / 5.881	- / 2.915	- / 0.715	- / -	- / 16.884
Total Cost (Procurement + Support + Installation)	**27.216**	**3.045**	**11.865**	**13.830**	**-**	**13.830**	**14.014**	**11.258**	**7.891**	**8.725**	**-**	**24.259**

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*): 7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Manufacturer Information: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl

Manufacturer Name: Army Managed - EKMS Simple Key Loader (SKL)				Manufacturer Location: Army Managed		
Administrative Leadtime (*in Months*): 4				Production Leadtime (*in Months*): 2		

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Feb 2013	Feb 2014				
Delivery Dates		Apr 2013	Apr 2014				

Manufacturer Name: SSC Pacific-EKMS Hard Drives				Manufacturer Location: New MFG - Loc		
Administrative Leadtime (*in Months*): 2				Production Leadtime (*in Months*): 2		

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011						
Delivery Dates	Feb 2012						

Manufacturer Name: NSA Contract - KMI Spiral 1 & 2 (Intitial Procurement) [25]				Manufacturer Location: Fort Meade		
Administrative Leadtime (*in Months*): 6				Production Leadtime (*in Months*): 6		

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Apr 2013	Apr 2014				
Delivery Dates		Oct 2013	Oct 2014				

Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl   **Method of Implementation:** Method   **Installation Name:** Installation Group Name

Installation Cost	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	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)
All Prior Years	157 / 1.424	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	157 / 1.424
FY 2012	- / -	138 / 1.044	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	138 / 1.044
FY 2013	- / -	- / -	- / -	4 / 0.180	- / -	4 / 0.180	- / -	- / -	- / -	- / -	- / -	4 / 0.180
FY 2014	- / -	- / -	- / -	10 / 0.540	- / -	10 / 0.540	37 / 2.040	- / -	- / -	- / -	- / -	47 / 2.580
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	38 / 2.145	56 / 3.172	- / -	- / -	- / -	94 / 5.317
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	53 / 2.709	51 / 1.785	- / -	- / -	104 / 4.494
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	39 / 1.130	29 / 0.470	- / -	68 / 1.600

Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*)**:** 7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl	**Method of Implementation:** Method	**Installation Name:** Installation Group Name

Installation Cost	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.245	- / -	7 / 0.245
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	157 / 1.424	138 / 1.044	- / -	14 / 0.720	- / -	14 / 0.720	75 / 4.185	109 / 5.881	90 / 2.915	36 / 0.715	- / -	619 / 16.884

Installation Schedule

	APY	FY 2012 1	2	3	4	FY 2013 1	2	3	4	FY 2014 1	2	3	4	FY 2015 1	2	3	4	FY 2016 1	2	3	4	FY 2017 1	2	3	4	FY 2018 1	2	3	4	TC	Tot
In	157	-	55	36	42	5	-	-	-	-	-	4	-	10	16	19	25	15	30	26	33	20	31	20	28	11	18	11	7	-	619
Out	157	-	53	35	14	35	1	-	-	-	-	4	-	10	16	17	25	17	27	29	33	20	30	19	30	11	18	11	5	2	619

Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl	**Method of Implementation:** Not Installed - EKMS Simple Key Loader (SKL)	**Installation Quantity:** 7225
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl	**Method of Implementation:** Not Installed - KMI Next Generation Fill Device	**Installation Quantity:** 4028
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl	**Method of Implementation:** Not Installed - KMI MGC/AKP/HAIPE	**Installation Quantity:** 105
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl	**Method of Implementation:** Not Installed - KMI MGC/AKP	**Installation Quantity:** 110
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl	**Method of Implementation:** Not Installed - KMI AKP Only	**Installation Quantity:** 60
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl	**Method of Implementation:** Not Installed - KMI Delivery Only Client (DOC) (No Install)	**Installation Quantity:** 25

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (***Modification Number - Modification Title***):** 7 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Afl
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Footnotes:

[20] The Navy's Simple Key Loader (SKL) unit cost will vary depending on ARMY's contract economic ordering.

[21] Next Gen Fill devices to support Crypto Mod initiative for KMI awareness and replace the SKL slipped to FY16 due to Army schedule delays, resulting in an increase in SKL procurements in FY14-15.

[22] KMI procurement quantities represent units/devices and unit cost varies based on the KMI configuration. There will be 4 Spiral 2 procurements in FY13 and installations in FY14 for Operational Assessment per the NSA's Expectation Management Agreement. The naming convention for KMI Procurements (installation required) was changed to align with capability and varient fielded. The first bulk procurements of KMI Spiral 2 will have a 12-month lead time due to complexity and pre-installation, integration, testing subsequent years will have a 9-month lead time.

[23] The naming convention for KMI Procurements (installation required) was changed to align with capability and varient fielded.

[24] Increase in DSA requirements due to an expansion of the system baseline as a result of test assessments.

[25] NSA Contract - KMI Spiral 1 & 2 (Initial Procurement)

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (***Modification Number - Modification Title***):** 8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho

Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Resource Summary	Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	23.262	21.822	18.581	22.772	-	22.772	23.685	15.129	10.499	10.027	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	23.262	21.822	18.581	22.772	-	22.772	23.685	15.129	10.499	10.027	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**23.262**	**21.822**	**18.581**	**22.772**	**-**	**22.772**	**23.685**	**15.129**	**10.499**	**10.027**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *(Units in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

Description:
EKMS Phase V is a collection of next generation EKMS products to upgrade and replace the capabilities of the: Communications Security (COMSEC) Manager Work Station (CMWS), Manager Client Advanced Key Processor (MGC/AKP), Secure Data Systems (SDS'), Simple Key Loaders (SKLs), Data Management Devices (DMDs), Key Processors (KP), Tactical Key Loaders (TKL). Key Management Infrastructure (KMI) includes Workstations- MGC/AKP, High Assurance Internet Protocol Equipment (HAIPE) devices, Next Generation Key Fill Devices, Delivery Only Client (DOC) and associated ancillary products such as printers, tape drives and fill cables.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*): 8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Financial Plan	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
Procurement												
Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho												
B Kits												
Recurring												
1.1.1) EKMS Simple Key Loader (SKL) - Organic [26]	3,754 / 8.414	772 / 2.470	2,974 / 10.260	2,280 / 6.829	- / -	2,280 / 6.829	870 / 2.610	- / -	- / -	- / -	- / -	10,650 / 30.583
1.1.2) KMI Next Generation Fill Device - Organic [27]	- / -	- / -	- / -	- / -	- / -	- / -	- / -	513 / 1.551	1,278 / 3.898	2,625 / 8.111	- / -	4,416 / 13.560
1.1.3) Tactical Key Loader (TKL)- LRIP and FRP Units - Organic	1,800 / 5.951	4,800 / 14.880	900 / 2.971	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7,500 / 23.802
1.1.4) KMI MGC/AKP/HAIPE - Organic [28]	- / -	- / -	50 / 1.800	40 / 1.448	- / -	40 / 1.448	27 / 0.991	5 / 0.184	10 / 0.367	30 / 1.101	- / -	162 / 5.891
1.1.5) KMI MGC/AKP - Organic	- / -	57 / 1.431	40 / 1.043	30 / 0.789	- / -	30 / 0.789	35 / 0.921	5 / 0.129	10 / 0.258	10 / 0.258	- / -	187 / 4.829
1.1.6) KMI AKP Only - Organic	- / -	- / -	20 / 0.426	10 / 0.215	- / -	10 / 0.215	20 / 0.432	5 / 0.108	10 / 0.216	10 / 0.216	- / -	75 / 1.613
1.1.7) EKMS Enhanced Storage Backup Hard Drive - NonOrganic	330 / 1.025	224 / 0.091	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	554 / 1.116
1.1.8) KMI SPIRAL 1 - NonOrganic [29]	- / -	- / -	12 / 0.302	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.302
1.1.9) KMI SPIRAL 2 - NonOrganic	- / -	- / -	- / -	251 / 6.375	- / -	251 / 6.375	153 / 5.271	52 / 1.820	11 / 0.385	- / -	- / -	467 / 13.851
1.1.10) KMI SPIRAL 2, Software Only - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	125 / 0.250	244 / 0.488	- / -	- / -	- / -	369 / 0.738
1.1.11) Engineering Change Orders - Organic	- / 1.101	- / 0.615	- / 0.781	- / 0.720	- / -	- / 0.720	- / 0.720	- / 0.601	- / -	- / -	- / -	- / 4.538
Subtotal Recurring	5,884 / 16.491	5,853 / 19.487	3,996 / 17.583	2,611 / 16.376	- / -	2,611 / 16.376	1,230 / 11.195	824 / 4.881	1,319 / 5.124	2,675 / 9.686	- / -	24,392 / 100.823
Total, Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	5,884 / 16.491	5,853 / 19.487	3,996 / 17.583	2,611 / 16.376	- / -	2,611 / 16.376	1,230 / 11.195	824 / 4.881	1,319 / 5.124	2,675 / 9.686	- / -	24,392 / 100.823
Total Procurement, All Modifications	5,884 / 16.491	5,853 / 19.487	3,996 / 17.583	2,611 / 16.376	- / -	2,611 / 16.376	1,230 / 11.195	824 / 4.881	1,319 / 5.124	2,675 / 9.686	- / -	24,392 / 100.823
Support												
2.1) EKMS Production Support	- / 1.629	- / 0.744	- / 0.616	- / 0.576	- / -	- / 0.576	- / 0.390	- / 0.163	- / 0.180	- / 0.341	Continuing	Continuing
2.2) Pre-Design Install Planning - KMI Spiral 1	- / -	- / -	- / 0.360	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.360
2.3) Pre-Design Install Planning - KMI Spiral 2	- / -	- / -	- / -	- / 5.100	- / -	- / 5.100	- / 3.750	- / -	- / 1.050	- / -	- / -	- / 9.900
Total Support, All Modifications	1.629	0.744	0.976	5.676	-	5.676	4.140	0.163	1.230	0.341	-	10.260
Total Procurement and Support	18.120	20.231	18.559	22.052	-	22.052	15.335	5.044	6.354	10.027	-	111.083

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*)**: 8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho

Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Financial Plan	**Prior Years** Qty (Each) / *Total Cost ($ M)*	**FY 2012** Qty (Each) / *Total Cost ($ M)*	**FY 2013** Qty (Each) / *Total Cost ($ M)*	**FY 2014 Base** Qty (Each) / *Total Cost ($ M)*	**FY 2014 OCO** Qty (Each) / *Total Cost ($ M)*	**FY 2014 Total** Qty (Each) / *Total Cost ($ M)*	**FY 2015** Qty (Each) / *Total Cost ($ M)*	**FY 2016** Qty (Each) / *Total Cost ($ M)*	**FY 2017** Qty (Each) / *Total Cost ($ M)*	**FY 2018** Qty (Each) / *Total Cost ($ M)*	**To Complete** Qty (Each) / *Total Cost ($ M)*	**Total** Qty (Each) / *Total Cost ($ M)*
Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho Installation Cost	- / 5.142	- / 1.591	- / 0.022	- / 0.720	- / -	- / 0.720	- / 8.350	- / 10.085	- / 4.145	- / -	- / -	- / 30.055
Total Installation Cost	- / 5.142	- / 1.591	- / 0.022	- / 0.720	- / -	- / 0.720	- / 8.350	- / 10.085	- / 4.145	- / -	- / -	- / 30.055
Total Cost (Procurement + Support + Installation)	**23.262**	**21.822**	**18.581**	**22.772**	**-**	**22.772**	**23.685**	**15.129**	**10.499**	**10.027**	**-**	**141.138**

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*): 8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho

Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Manufacturer Information: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho

Manufacturer Name: Army Managed - EKMS Simple Key Loader (SKL) — Manufacturer Location: Army Managed

Administrative Leadtime *(in Months)*: 4 — Production Leadtime *(in Months)*: 2

Dates	**FY 2012**	**FY 2013**	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**
Contract Dates		Feb 2013	Feb 2014				
Delivery Dates		Apr 2013	Apr 2014				

Manufacturer Name: Harris Corp - EKMS Tactical Key Loader (TKL) — Manufacturer Location: Rochester, NY

Administrative Leadtime *(in Months)*: 2 — Production Leadtime *(in Months)*: 8

Dates	**FY 2012**	**FY 2013**	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**
Contract Dates		Dec 2012	Dec 2013				
Delivery Dates		Aug 2013	Aug 2014				

Manufacturer Name: NSA Contract - KMI Spiral 1 & 2 (Initial Procurement) — Manufacturer Location: TBD (Pending Contract)

Administrative Leadtime *(in Months)*: 6 — Production Leadtime *(in Months)*: 6

Dates	**FY 2012**	**FY 2013**	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**
Contract Dates		Apr 2013	Apr 2014				
Delivery Dates		Oct 2013	Oct 2014				

Manufacturer Name: SSC Pacific - EKMS Hard Disk Drives — Manufacturer Location: San Diego, CA

Administrative Leadtime *(in Months)*: 2 — Production Leadtime *(in Months)*: 2

Dates	**FY 2012**	**FY 2013**	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**
Contract Dates	Dec 2011						
Delivery Dates	Feb 2012						

Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	**Method of Implementation:** Installed	**Installation Name:** Electronic Key Management System (EKMS) Phase V Products / Key management Infrastructure (KMI) - Sho

	Prior Years	**FY 2012**	**FY 2013**	**FY 2014 Base**	**FY 2014 OCO**	**FY 2014 Total**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**To Complete**	**Total**
Installation Cost	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)
All Prior Years	330 / 5.142	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	330 / 5.142

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*): 8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	**Method of Implementation:** Installed	**Installation Name:** Electronic Key Management System (EKMS) Phase V Products / Key management Infrastructure (KMI) - Sho

Installation Cost	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
FY 2012	- / -	221 / 1.591	3 / 0.022	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	224 / 1.613
FY 2013	- / -	- / -	- / -	12 / 0.720	- / -	12 / 0.720	- / -	- / -	- / -	- / -	- / -	12 / 0.720
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	251 / 6.865	- / -	- / -	- / -	- / -	251 / 6.865
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	62 / 1.485	216 / 8.325	- / -	- / -	- / -	278 / 9.810
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	104 / 1.760	192 / 3.540	- / -	- / -	296 / 5.300
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.605	- / -	- / -	11 / 0.605
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	330 / 5.142	221 / 1.591	3 / 0.022	12 / 0.720	- / -	12 / 0.720	313 / 8.350	320 / 10.085	203 / 4.145	- / -	- / -	1,402 / 30.055

Installation Schedule

	APY	FY 2012 1	2	3	4	FY 2013 1	2	3	4	FY 2014 1	2	3	4	FY 2015 1	2	3	4	FY 2016 1	2	3	4	FY 2017 1	2	3	4	FY 2018 1	2	3	4	TC	Tot
In	330	99	45	66	11	-	3	-	-	-	12	-	-	132	25	48	108	62	69	51	138	97	83	12	11	-	-	-	-	-	1,402
Out	330	95	48	67	7	4	3	-	-	-	12	-	-	132	25	48	108	62	69	51	138	97	83	12	11	-	-	-	-	-	1,402

Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	**Method of Implementation:** Not Installed - EKMS Simple Key Loader (SKL)	**Installation Quantity:** 10650
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	**Method of Implementation:** Not Installed - KMI Next Generation Fill Device	**Installation Quantity:** 4416
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	**Method of Implementation:** Not Installed - Tactical Key Loader (TKL)- LRIP and FRP Units	**Installation Quantity:** 7500
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	**Method of Implementation:** Not Installed - KMI MGC/AKP/HAIPE	**Installation Quantity:** 162

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*)**:** 8 - Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:** 0303140N

Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	**Method of Implementation:** Not Installed - KMI MGC/AKP	**Installation Quantity:** 187
Installation: Electronic Key Management System (EKMS) Phase V Products / Key Management Infrastructure (KMI) - Sho	**Method of Implementation:** Not Installed - KMI AKP Only	**Installation Quantity:** 75

Footnotes:

(26) The Navy's Simple Key Loader (SKL) unit cost will vary depending on ARMY's contract economic ordering.

(27) Next Gen Fill devices to support Crypto Mod initiative for KMI awareness and replace the SKL slipped to FY16 due to Army schedule delays, resulting in an increase in SKL procurements in FY14-15.

(28) There are 12 Shore sites that will receive Spiral 1 in FY14 for testing purposes prior to the fielding of Spiral 2 in FY15.

(29) KMI procurement quantities represent units/devices and unit cost varies based on the KMI configuration. There will be 4 Spiral 2 procurements in FY13 and installations in FY14 for Operational Assessment per the NSA's Expectation Management Agreement. The naming convention for KMI Procurements (installation required) was changed to align with capability and variant fielded. The first bulk procurements of KMI Spiral 1/Spiral 2 will have a 12-month lead time due to complexity and PITCO, subsequent years will have a 9-month lead time.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (***Modification Number - Modification Title***):** 9 - Public Key Infrastructure (PKI) Security Products - Afloat
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	38.095	1.974	0.944	-	-	-	-	-	-	-	-	41.013
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	38.095	1.974	0.944	-	-	-	-	-	-	-	-	41.013
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**38.095**	**1.974**	**0.944**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**41.013**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *(Units in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

Description:
Navy Public Key Infrastructure (PKI) implements a secure infrastructure for the generation, management, and delivery of digital certificates for secure electronic transactions, hardware certificate-based two-way authentication to networks, applications, and web servers; and secure email. Procurements include: Alternate Logon Tokens (ALT); Navy Certificate Validation Infrastructure (NCVI) ONE-Net and NCVI Master Validation Authority (MVA) hardware and software for enhanced algorithm capability (e.g. Elliptic Curve Cryptography, SHA-256, SHA-3); Online Certificate Status Protocol (OCSP) responders; Real-Time Automated Personal Identification System (RAPIDS) hardware and software; Non-Windows OS software applications.

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Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:
1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment

P-1 Line Item Nomenclature:
3415 - Info Systems Security Program (ISSP)

Modification Nomenclature (*Modification Number - Modification Title*):
9 - Public Key Infrastructure (PKI) Security Products - Afloat

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Financial Plan	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
Procurement												
Public Key Infrastructure (PKI) Security Products - Afloat												
B Kits												
Recurring												
1.1.1) PKI Rapids Systems - NonOrganic [30]	19 / 1.173	18 / 1.173	2 / 0.122	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	39 / 2.468
1.1.2) DMDC Rapids Systems - NonOrganic	97 / 25.526	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	97 / 25.526
1.1.3) Non-recurring Engineering - Organic	- / -	- / -	- / 0.549	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.549
Subtotal Recurring	*116 / 26.699*	*18 / 1.173*	*2 / 0.671*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*136 / 28.543*
Total, Public Key Infrastructure (PKI) Security Products - Afloat	*116 / 26.699*	*18 / 1.173*	*2 / 0.671*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*136 / 28.543*
Total Procurement, All Modifications	*116 / 26.699*	*18 / 1.173*	*2 / 0.671*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*136 / 28.543*
Support												
2.1) Production Support	- / 5.646	- / 0.060	- / 0.028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.734
2.2) DSA	- / 1.346	- / 0.101	- / 0.045	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.492
Total Support, All Modifications	*6.992*	*0.161*	*0.073*	-	-	-	-	-	-	-	-	*7.226*
Total Procurement and Support	*33.691*	*1.334*	*0.744*	-	-	-	-	-	-	-	-	*35.769*
Public Key Infrastructure (PKI) Security Products - Afloat Installation Cost	- / 4.404	- / 0.640	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.244
Total Installation Cost	*- / 4.404*	*- / 0.640*	*- / 0.200*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*- / 5.244*
Total Cost (Procurement + Support + Installation)	**38.095**	**1.974**	**0.944**	-	-	-	-	-	-	-	-	**41.013**

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Exhibit P-3A, Individual Modification: PB 2014 Navy	**Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*): 9 - Public Key Infrastructure (PKI) Security Products - Afloat

Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:**

Manufacturer Information: Public Key Infrastructure (PKI) Security Products - Afloat

Manufacturer Name: SSC LANT	Manufacturer Location: Charleston, SC
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 4

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Dec 2012					
Delivery Dates		Apr 2013					

Installation: Public Key Infrastructure (PKI) Security Products - Afloat	**Method of Implementation:** Installed	**Installation Name:** PKI- Afloat

Installation Cost	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
All Prior Years	115 / 4.404	1 / 0.040	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	116 / 4.444
FY 2012	- / -	15 / 0.600	3 / 0.120	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.720
FY 2013	- / -	- / -	2 / 0.080	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.080
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	115 / 4.404	16 / 0.640	5 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	136 / 5.244

Installation Schedule

	APY	FY 2012 1	2	3	4	FY 2013 1	2	3	4	FY 2014 1	2	3	4	FY 2015 1	2	3	4	FY 2016 1	2	3	4	FY 2017 1	2	3	4	FY 2018 1	2	3	4	TC	Tot
In	115	-	-	9	6	1	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	136
Out	115	-	-	8	7	1	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	136

Footnotes:

(30) Kits includes PKI Rapids Systems and non-recurring engineering costs in FY13. Cost to procure installation kits, Commercial Off the Shelf (COTS) products, are included in the procurement cost. CVN and submarine tender ships required 2 RAPIDS systems and 2 installation kits per install. Procurement quantity represents the total required system purchases. Total ship inventory objective for RAPIDS systems installs is 135 units. The 135 units are installed on 122 ship platforms.

Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*): 10 - Public Key Infrastructure (PKI) Security Products - Shore

Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	36.888	-	-	1.769	-	1.769	1.508	1.986	1.964	2.003	-	46.118
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	36.888	-	-	1.769	-	1.769	1.508	1.986	1.964	2.003	-	46.118
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**36.888**	**-**	**-**	**1.769**	**-**	**1.769**	**1.508**	**1.986**	**1.964**	**2.003**	**-**	**46.118**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *(Units in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012
The FY 2014 OCO Request will be submitted at a later date

Description:
Navy Public Key Infrastructure (PKI) implements a secure infrastructure for the generation, management, and delivery of digital certificates for secure electronic transactions, hardware certificate-based two-way authentication to networks, applications, and web servers; and secure email. Procurements include: Procurements include: Alternate Logon Tokens (ALT); Navy Certificate Validation Infrastructure (NCVI) ONE-Net and NCVI Master Validation Authority (MVA) hardware and software for enhanced algorithm capability (e.g. Elliptic Curve Cryptography, SHA-256, SHA-3); Online Certificate Status Protocol (OCSP) responders; Real-Time Automated Personal Identification System (RAPIDS) hardware and software.; Non-Windows OS software applications.

Exhibit P-3A, Individual Modification: PB 2014 Navy		Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	P-1 Line Item Nomenclature: 3415 - Info Systems Security Program (ISSP)	Modification Nomenclature (*Modification Number - Modification Title*): 10 - Public Key Infrastructure (PKI) Security Products - Shore

Models of Systems Affected: [No Model Specified]   **Type Modification:** [No Modification Type Specified]   **Related RDT&E PEs:**

Financial Plan	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
Procurement												
Public Key Infrastructure (PKI) Security Products - Shore												
B Kits												
Recurring												
1.1.1) Equipment Prior Year (Procurement) - NonOrganic	24 / 34.268	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 34.268
1.1.2) ALT Token Procurement - Organic [31]	- / -	- / -	- / -	5,700 / 1.710	- / -	5,700 / 1.710	4,000 / 1.200	2,563 / 0.769	2,390 / 0.717	6,400 / 1.926	- / -	21,053 / 6.322
1.1.3) NCVI Enhanced Algorithm Hardware - NonOrganic [32]	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.675	9 / 0.702	- / -	- / -	18 / 1.377
1.1.4) Prior Year Equipment - NonOrganic	24 / 2.408	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 2.408
Subtotal Recurring	48 / 36.676	- / -	- / -	5,700 / 1.710	- / -	5,700 / 1.710	4,000 / 1.200	2,572 / 1.444	2,399 / 1.419	6,400 / 1.926	- / -	21,119 / 44.375
Total, Public Key Infrastructure (PKI) Security Products - Shore	48 / 36.676	- / -	- / -	5,700 / 1.710	- / -	5,700 / 1.710	4,000 / 1.200	2,572 / 1.444	2,399 / 1.419	6,400 / 1.926	- / -	21,119 / 44.375
Total Procurement, All Modifications	48 / 36.676	- / -	- / -	5,700 / 1.710	- / -	5,700 / 1.710	4,000 / 1.200	2,572 / 1.444	2,399 / 1.419	6,400 / 1.926	- / -	21,119 / 44.375
Support												
2.1) Production Support	- / -	- / -	- / -	- / 0.059	- / -	- / 0.059	- / 0.048	- / 0.056	- / 0.059	- / 0.077	- / -	- / 0.299
2.2) NCVI (Enhanced Alg HW) Non-recurring Eng/C&A Spt	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.260	- / -	- / -	- / -	- / -	- / 0.260
2.3) Pre-Design Installation Planning	- / 0.212	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.054	- / 0.054	- / -	- / 0.320
Total Support, All Modifications	0.212	-	-	0.059	-	0.059	0.308	0.110	0.113	0.077	-	0.879
Total Procurement and Support	36.888	-	-	1.769	-	1.769	1.508	1.554	1.532	2.003	-	45.254
Public Key Infrastructure (PKI) Security Products - Shore Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.432	- / 0.432	- / -	- / -	- / 0.864
Total Installation Cost	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.432	- / 0.432	- / -	- / -	- / 0.864
Total Cost (Procurement + Support + Installation)	36.888	-	-	1.769	-	1.769	1.508	1.986	1.964	2.003	-	46.118

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Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature (***Modification Number - Modification Title***):** 10 - Public Key Infrastructure (PKI) Security Products - Shore
Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:**

Manufacturer Information: Public Key Infrastructure (PKI) Security Products - Shore

Manufacturer Name: SSC LANT	Manufacturer Location: Charleston, SC
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 4

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Dec 2013				
Delivery Dates			Apr 2014				

Installation: Public Key Infrastructure (PKI) Security Products - Shore | **Method of Implementation:** Installed | **Installation Name:** PKI Shore

Installation Cost	Prior Years Qty (Each) / Total Cost ($ M)	FY 2012 Qty (Each) / Total Cost ($ M)	FY 2013 Qty (Each) / Total Cost ($ M)	FY 2014 Base Qty (Each) / Total Cost ($ M)	FY 2014 OCO Qty (Each) / Total Cost ($ M)	FY 2014 Total Qty (Each) / Total Cost ($ M)	FY 2015 Qty (Each) / Total Cost ($ M)	FY 2016 Qty (Each) / Total Cost ($ M)	FY 2017 Qty (Each) / Total Cost ($ M)	FY 2018 Qty (Each) / Total Cost ($ M)	To Complete Qty (Each) / Total Cost ($ M)	Total Qty (Each) / Total Cost ($ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.432	- / -	- / -	- / -	9 / 0.432
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.432	- / -	- / -	9 / 0.432
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.432	9 / 0.432	- / -	- / -	18 / 0.864

Installation Schedule

	APY	FY 2012 1	2	3	4	FY 2013 1	2	3	4	FY 2014 1	2	3	4	FY 2015 1	2	3	4	FY 2016 1	2	3	4	FY 2017 1	2	3	4	FY 2018 1	2	3	4	TC	Tot
In	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	-	-	5	4	-	-	-	-	-	42
Out	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	-	-	5	4	-	-	-	-	-	42

Installation: Public Key Infrastructure (PKI) Security Products - Shore | **Method of Implementation:** Not Installed - ALT Token Procurement | **Installation Quantity:** 21053

Footnotes:

Exhibit P-3A, Individual Modification: PB 2014 Navy		**Date:** April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 15: Cryptographic Equipment	**P-1 Line Item Nomenclature:** 3415 - Info Systems Security Program (ISSP)	**Modification Nomenclature** (*Modification Number - Modification Title*): 10 - Public Key Infrastructure (PKI) Security Products - Shore

Models of Systems Affected: [No Model Specified]	**Type Modification:** [No Modification Type Specified]	**Related RDT&E PEs:**

(31) ALT tokens requires no installation.

(32) Enhanced Algorithm hardware for NCVI ONE-Net and NCVI MVA available via COTS; installations required. FY16 and FY17 installations will serve as technical refreshes and upgrade certificate validation capability to support enhance cryptographic algorithms (ECC, SHA-3, etc)

LI 3415 - Info Systems Security Program (ISSP)
Navy

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