

DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2008/2009
BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES
FEBRUARY 2007

OTHER PROCUREMENT, NAVY
BUDGET ACTIVITY 3

Department of Defense Appropriations Act, 2007

Other Procurement, Navy

For procurement, production, and modernization of support equipment and materials not otherwise provided for, Navy ordnance (except ordnance for new aircraft, new ships, and ships authorized for conversion); the purchase of passenger motor vehicles for replacement only, and the purchase of 10 vehicles required for physical security of personnel, notwithstanding price limitations applicable to passenger vehicles but not to exceed \$255,000 per vehicle; expansion of public and private plants, including the land necessary therefor, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway, \$4,927,676,000, to remain available for obligation until September 30, 2009.

"In accordance with the President's Management Agenda, Budget and Performance Integration initiative, this program has been assessed using the Program Assessment Rating Tool (PART). Remarks regarding program performance and plans for performance improvement can be located at the Expectmore.gov website."

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 2008 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 1810N OTHER PROCUREMENT, NAVY

DATE: 19 JAN 2007

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2006		FY 2007		FY 2008		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
83	NAVAL SHORE COMMUNICATIONS CRYPTOGRAPHIC EQUIPMENT	A		60.3		49.8		10.7	U
84	INFO SYSTEMS SECURITY PROGRAM (ISSP) CRYPTOLOGIC EQUIPMENT	A		97.2		101.3		107.6	U
85	CRYPTOLOGIC COMMUNICATIONS EQUIP OTHER ELECTRONIC SUPPORT	A		21.9		21.7		16.1	U
86	COAST GUARD EQUIPMENT DRUG INTERDICTION SUPPORT	A		31.0		30.0		27.3	U
87	OTHER DRUG INTERDICTION SUPPORT	A		9.2					U
TOTAL COMMUNICATIONS AND ELECTRONICS EQUIPMENT				1,874.3		1,695.4		1,814.7	
BUDGET ACTIVITY 03: AVIATION SUPPORT EQUIPMENT									

SONOBUOYS									
88	SONOBUOYS - ALL TYPES AIRCRAFT SUPPORT EQUIPMENT	A		57.6		66.7		67.4	U
89	WEAPONS RANGE SUPPORT EQUIPMENT	A		59.0		69.6		58.2	U
90	EXPEDITIONARY AIRFIELDS	A		11.4		8.0		8.3	U
91	AIRCRAFT REARMING EQUIPMENT	A		11.8		12.2		12.9	U
92	AIRCRAFT LAUNCH & RECOVERY EQUIPMENT	A		24.0		29.7		38.9	U
93	METEOROLOGICAL EQUIPMENT	A		22.5		14.3		12.2	U
94	OTHER PHOTOGRAPHIC EQUIPMENT	A		1.4		1.5		1.5	U
95	AVIATION LIFE SUPPORT	A		37.8		15.5		12.8	U
96	AIRBORNE MINE COUNTERMEASURES	A		40.0		78.4		79.5	U

UNCLASSIFIED

PAGE N-27

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 2008 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 1810N OTHER PROCUREMENT, NAVY

DATE: 19 JAN 2007

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2006		FY 2007		FY 2008		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
97	LAMPS MK III SHIPBOARD EQUIPMENT	A		19.6		15.8		31.8	U
98	OTHER AVIATION SUPPORT EQUIPMENT	A		11.4		12.6		11.6	U
TOTAL AVIATION SUPPORT EQUIPMENT				296.4		324.2		335.1	
BUDGET ACTIVITY 04: ORDNANCE SUPPORT EQUIPMENT									
SHIP GUN SYSTEM EQUIPMENT									
99	NAVAL FIRES CONTROL SYSTEM	A		4.3		3.3	2	1.4	U
100	GUN FIRE CONTROL EQUIPMENT	A		10.9		7.4		5.6	U
SHIP MISSILE SYSTEMS EQUIPMENT									
101	HARPOON SUPPORT EQUIPMENT	A				.1			U
102	NATO SEASPARROW	A		42.1		4.6		28.8	U
103	RAM GMLS	A		25.5		10.9		4.0	U
104	SHIP SELF DEFENSE SYSTEM	B		29.0		56.4		31.6	U
105	AEGIS SUPPORT EQUIPMENT	A		99.4		76.8		93.8	U
106	TOMAHAWK SUPPORT EQUIPMENT	A		74.1		60.9		54.0	U
107	VERTICAL LAUNCH SYSTEMS	A		8.5		6.5		6.8	U
FBM SUPPORT EQUIPMENT									
108	STRATEGIC MISSILE SYSTEMS EQUIP	A		106.7		98.7		150.9	U
ASW SUPPORT EQUIPMENT									
109	SSN COMBAT CONTROL SYSTEMS	A		130.9		92.5		114.2	U
110	SUBMARINE ASW SUPPORT EQUIPMENT	A		4.8		4.9		5.2	U
111	SURFACE ASW SUPPORT EQUIPMENT	A		6.3		6.6		3.5	U
112	ASW RANGE SUPPORT EQUIPMENT	A		7.1		7.2		8.9	U

UNCLASSIFIED

PAGE N-28

BUDGET ITEM JUSTIFICATION SHEET											DATE:			
P-40											February 2007			
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE							
Other Procurement, Navy							BA 3 - AVIATION SUPPORT EQUIPMENT						404800, SONOBUOYS - ALL TYPES	
Program Element for Code B Items:							Other Related Program Elements							
	Prior Years	ID Code	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program		
Quantity		A	84,389	63,758	56,959	80,546	73,501	80,649	84,471	88,632	Cont	Cont		
Cost (\$M)	\$313.3		\$57.6	\$66.7	\$67.4	\$117.1	\$100.7	\$118.6	\$126.0	\$132.6	Cont	Cont		

DESCRIPTION:

The AN/SSQ-36 is a bathythermograph sonobuoy used to provide a vertical temperature profile of the ocean with respect to depth. The data is transmitted to aircraft to assist in the selection of hydrophone depths and tactics for localizing and tracking submarines and long-range forecasts of acoustic conditions in the ocean.

The AN/SSQ-53 (DIFAR) is a passive directional sonobuoy which provides acoustic target localization.

The AN/SQQ-62 (DICASS) is an active acoustic directional sonobuoy that provides target bearing and range information.

The AN/SSQ-77 (VLAD) is a passive acoustic directional sonobuoy using a vertical line array. It is part of the family of multi-static active sensor systems.

The AN/SSQ-101 Air Deployable Active Receiver (ADAR) is a commandable, passive acoustic sonobuoy with a horizontal planar array. It is part of the family of multi-static active sensor systems.

The AN/SSQ-110 is an active source buoy to be used in conjunction with the family of multi-static active sensor systems.

Hardware funds may be realigned to support necessary engineering investigations (EIs) and production engineering change proposals (ECPs).

Note: Prior year dollars are for BLI 404800 only.

WEAPONS SYSTEM COST ANALYSIS			Weapon System										DATE:		
P5			SONOBUOYS, ALL TYPES										February 2007		
APPROPRIATION/BUDGET ACTIVITY								ID Code		P-1 ITEM NOMENCLATURE					
OTHER PROCUREMENT, NAVY BA 3 - AVIATION SUPPORT EQUIPMENT								A		404800, SONOBUOYS - ALL TYPES U3QZ					
Cost Code	Element of Cost	ID Code	Dollars in Thousands												
			Prior Years	FY 2006			FY 2007			FY 2008			FY 2009		
			Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost
QZ001	HARDWARE AN/SSQ-36	A		3,195	0.311	995				2,060	0.348	716			
QZ002	HARDWARE AN/SSQ-53	A	69,431	0.479	33,279	45,320	0.552	25,025	38,110	0.548	20,894	39,140	0.554	21,665	
QZ004	HARDWARE AN/SSQ-62	A	8,034	1.188	9,545	8,240	1.318	10,860	6,180	1.356	8,381	7,725	1.305	10,082	
QZ005	HARDWARE AN/SSQ-77	A		3,729	1.073	4,000	4,120	1.590	6,552	2,060	1.290	2,658			
QZ006	HARDWARE AN/SSQ-101	A				2,575	4.197	10,808	4,120	2.822	11,626	20,600	1.844	37,986	
QZ007	HARDWARE AN/SSQ-110	A				3,503	0.977	3,422	4,429	2.889	12,794	13,081	2.214	28,956	
QZ010	HARDWARE AN/SSQ-125	A													
QZ831	PROD ENG-AN/SSQ-36				90						57				
QZ832	PROD ENG-AN/SSQ-53				3,110			2,002			1,849			2,229	
QZ834	PROD ENG-AN/SSQ-62				886			947			670			807	
QZ835	PROD ENG-AN/SSQ-77				355			524			213				
QZ836	PROD ENG-AN/SSQ-101							865			930			3,039	
QZ837	PROD ENG-AN/SSQ-110							274			1,023			2,316	
QZ840	PROD ENG-AN/SSQ-125														
QZ861	ACCEPT TESTING AN/SSQ-36				109						72				
QZ862	ACCEPT TESTING AN/SSQ-53				3,754			2,153			1,945			2,663	
QZ864	ACCEPT TESTING AN/SSQ-62				1,086			1,164			838			1,008	
QZ865	ACCEPT TESTING AN/SSQ-77				435			655			266				
QZ866	ACCEPT TESTING AN/SSQ-101							1,081			1,163			3,452	
QZ867	ACCEPT TESTING AN/SSQ-110							342			1,279			2,896	
SUBTOTALS BY BUOY TYPE															
	AN/SSQ-36				1,194						845				
	AN/SSQ-53				40,143			29,180			24,688			26,557	
	AN/SSQ-62				11,517			12,971			9,890			11,897	
	AN/SSQ-77				4,790			7,731			3,137				
	AN/SSQ-101							12,754			13,719			44,477	
	AN/SSQ-110							4,038			15,096			34,168	
Note: Prior year dollars are for BLI 404800 only.			313,252			57,643			66,674			67,373		117,098	

(Exhibit P-5)

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System SONOBUOYS, ALL TYPES		A. DATE February 2007		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
OTHER PROCUREMENT, NAVY / BA 3 - AVIATION SUPPORT EQUIPMENT					404800, SONOBUOYS - ALL TYPES				U3QZ	
Cost Element/FiscalYear	Qty	Unit Cost (000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
QZ001 HARDWARE AN/SSQ-36										
2006	3195	.311	NSWC, CRANE	10/2005	C-FFP	UNDERSEA SENSOR SYSTEMS INC., COLUMBIA CITY, IN	02/2006	05/2007	YES	
2008	2060	.348	NSWC, CRANE	10/2007	C-FFP	TBD	01/2008	04/2009	YES	
QZ002 HARDWARE AN/SSQ-53										
2006	41950	.476	NSWC, CRANE	10/2005	C-FFP	SPARTON ELECTRONICS FLORIDA, INC., DE LEON SPRINGS, FL	02/2006	05/2007	YES	
2006	27481	.484	NSWC, CRANE	10/2005	C-FFP	UNDERSEA SENSOR SYSTEMS INC., COLUMBIA CITY, IN	02/2006	05/2007	YES	
2007	45320	.552	NSWC, CRANE	10/2006	C-FFP	TBD	01/2007	04/2008	YES	
2008	38110	.548	NSWC, CRANE	10/2007	C-FFP	TBD	01/2008	04/2009	YES	
2009	39140	.554	NSWC, CRANE	10/2008	C-FFP	TBD	01/2009	04/2010	YES	
QZ004 HARDWARE AN/SSQ-62										
2006	1000	1.554	NSWC, CRANE	10/2005	C-FFP	SPARTON ELECTRONICS FLORIDA, INC., DE LEON SPRINGS, FL	02/2006	05/2007	YES	
2006	7034	1.136	NSWC, CRANE	10/2005	C-FFP	UNDERSEA SENSOR SYSTEMS INC., COLUMBIA CITY, IN	02/2006	05/2007	YES	
2007	8240	1.318	NSWC, CRANE	10/2006	C-FFP	TBD	01/2007	04/2008	YES	
2008	6180	1.356	NSWC, CRANE	10/2007	C-FFP	TBD	01/2008	04/2009	YES	
2009	7725	1.305	NSWC, CRANE	10/2008	C-FFP	TBD	01/2009	04/2010	YES	
QZ005 HARDWARE AN/SSQ-77										
2006	2483	1.016	NSWC, CRANE	10/2005	C-FFP	SPARTON ELECTRONICS FLORIDA, INC., DE LEON SPRINGS, FL	02/2006	05/2007	YES	
2006	1246	1.186	NSWC, CRANE	10/2005	C-FFP	UNDERSEA SENSOR SYSTEMS INC., COLUMBIA CITY, IN	02/2006	05/2007	YES	
2007	4120	1.59	NSWC, CRANE	10/2006	C-FFP	TBD	01/2007	04/2008	YES	
2008	2060	1.29	NSWC, CRANE	10/2007	C-FFP	TBD	01/2008	04/2009	YES	
QZ006 HARDWARE AN/SSQ-101										
2007	2575	4.197	NSWC, CRANE	10/2006	SS-FFP	ERAPSCO, COLUMBIA CITY, IN	03/2007	06/2008	YES	
2008	4120	2.822	NSWC, CRANE	10/2007	SS-FFP	ERAPSCO, COLUMBIA CITY, IN	01/2008	04/2009	YES	
2009	20600	1.844	NSWC, CRANE	10/2008	SS-FFP	ERAPSCO, COLUMBIA CITY, IN	01/2009	04/2010	YES	
QZ007 HARDWARE AN/SSQ-110										
2007	3503	.977	NSWC, CRANE	10/2006	C-FFP	TBD	01/2007	04/2008	YES	
2008	4429	2.889	NSWC, CRANE	10/2007	C-FFP	TBD	01/2008	04/2009	YES	
2009	13081	2.214	NSWC, CRANE	10/2008	C-FFP	TBD	01/2009	04/2010	YES	

REMARKS:

(Exhibit P-5A)

BUDGET ITEM JUSTIFICATION SHEET											DATE:		
P-40											February 2007		
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE						
Other Procurement, Navy BA 3 - AVIATION SUPPORT EQUIPMENT							420400, WEAPONS RANGE SUPPORT EQUIPMENT						
Program Element for Code B Items:							Other Related Program Elements						
	Prior Years	ID Code	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Quantity													
Cost (\$M)	\$136.5	A	\$59.0	\$69.6	\$58.2	\$72.9	\$77.7	\$70.2	\$63.5	\$64.6	Cont	Cont	
OPN-8 Spares (\$K)			\$1,689.0	\$1,503.0	\$2,367.0	\$1,723.0	\$2,029.0	\$1,425.0	\$995.0	\$581.0			

DESCRIPTION:

This budget line item provides the resources to implement the Navy Fleet Training Range (FTR) Instrumentation Program Plan. These FTRs provide the primary means of fleet combat readiness training. The plan addresses the following major procurement areas: Electronic Warfare (EW) simulators, Systems Replacement and Modernization (SRAM), and generic systems such as range computer systems, simulation, surveillance systems, Tactical Aircrew Combat Training System (TACTS), Fleet Readiness Program (FRP), Test and Training Enabling Architecture (TENA), Targets/Smart Targets, Tactical Combat Training System (TCTS), Shallow Water Training Range/Pacific Fleet Portable ASW Range. The integral parts of these major range programs include but are not limited to the following: voice communications, weapons scoring systems, display consoles, radars, tracking subsystems, control/computation subsystems, display/debriefing subsystems, processors, HF/VHF/UHF receivers, transmitters/transceivers, multiplexers, intercom circuits, encoding devices, frequency interface control systems, and other specialized equipment.

Justification: Operational forces of the Navy's air, surface, and subsurface units are being equipped with the latest complex and sophisticated weapon systems to achieve and maintain high standards of fleet readiness. The FTRs must be furnished with training equipment capable of simulating, tracking, displaying, and debriefing the latest combat environments (e.g. electronic warfare). This equipment provides the Navy with the capability to: conduct safe fleet training exercises; achieve a high state of readiness; objectively evaluate training effectiveness as well as the strategy and tactics employed; evaluate the performance of equipment; and measure reliability and accuracy of operational systems.

THREAT PRESENTATION

Threat Presentation includes all the necessary components and elements associated with presenting friendly training event participants with an Opposing Force operating environment that replicates the expected enemy order of battle. The capability of a range to recreate any Electronic Combat EOB requires a range to simulate or emulate basic elements of Electronic Combat such as Search, acquisition and tracking radars, Anti-Aircraft Artillery (AAA) systems, Surface-to-Air Missile (SAM) systems, infrared (IR) systems, Jammers, Coastal threats, airborne simulators, and information warfare/command and control systems. This program incorporates previous programs Threat Radar Upgrade (Fallon), Electronic Warfare Threat Systems (SCORE), and Electronic Warfare Threat Upgrade (MAEWR/Dare County). This realignment will allow the fleet more flexibility in determining the placement of EW assets to meet evolving training requirements.

SYSTEMS REPLACEMENT AND MODERNIZATION (SRAM):

The SRAM program provides for the procurement of numerous minor equipments/instrumentation needed at all Navy training ranges. SRAM procurements replace and modernize economically unmaintainable systems and equipment in order to increase range efficiency. Funding for installation of minor equipment is required in all years for all ranges.

TACTICAL COMBAT TRAINING SYSTEM (TCTS)

The Tactical Combat Training System (TCTS) will procure fixed, transportable, and mobile range instrumentation equipment for both shore-based (aircrew training) and deployable (ship/sub/aircrew training) applications. TCTS instrumentation will transmit exercise scenarios; simulate/stimulate all exercise participants sensors/weapons with the exercise scenario; track all exercise participants and events, e.g., weapons engagements; and provide accurate, realistic, and timely feedback. TCTS is building on technology developed for existing tactical training range systems. The system will be interoperable with the USAF P5 CTS system. The TCTS consists of airborne instrumentation called Participant Subsystems and Ground Subsystems. The Ground Subsystem has 4 configurations: Transportable, Portable, Shipboard and Fixed Ground Subsystem.

TARGETS/SMART TARGETS

Targets represent a variety of mobile and stationary targets/shapes and visual cues that are required to support aviation and surface training of the Naval Forces. Smart Targets represent Electronic Warfare simulators, and legacy system upgrades that present range participants with systems that provide capabilities such as reactivity, mobility, realistic radar cross-section, infrared signature, and realistic threat fidelity. The funds beginning in FY07 continue the requirements of the SCORE Smart Target Congressional add acquisitions received in FY04/05/06.

BUDGET ITEM JUSTIFICATION SHEET											DATE:	
P-40											February 2007	
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
Other Procurement, Navy BA 3 - AVIATION SUPPORT EQUIPMENT							420400, WEAPONS RANGE SUPPORT EQUIPMENT					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity												
Cost (\$M)	\$136.5	A	\$59.0	\$69.6	\$58.2	\$72.9	\$77.7	\$70.2	\$63.5	\$64.6	Cont	Cont

OCEAN SYSTEMS

Funds the procurement and upgrade of fixed underwater training ranges and procurement of a portable underwater range. The fixed ranges are located at the Southern California Off Shore Range (SCORE) in San Diego, California, at the Pacific Missile Range Facility (PMRF) in Kauai, Hawaii and the proposed East Coast Shallow Water Training Range (SWTR) on the east coast of the United States. The fixed underwater ranges are used to provide individual and unit level training for basic ASW skills. Large exercises such as Composite Training Unit Exercises (COMTUEX), Fleet Exercises (FLEETEX), and Joint Task Force Exercises (JTFX) are conducted in the vicinity of the fixed underwater training ranges. SCORE and PMRF have reached the end of their design life and are beginning to fail, critically impacting this training. The SWTR will provide realistic shallow water ASW training against the diesel submarine threat. When units deploy overseas there are very few instrumented training facilities available for honing skills to maintain a high state of readiness. The Portable Underwater Training Range (PUTR) will support ASW training for Forward Deployed Naval Forces (FDNF) in the Pacific.

FLEET READINESS PROGRAM (FRP)

This project supports the Navy's transition of fleet training from Vieques, Puerto Rico, to various locations along the East Coast and Gulf of Mexico. The FRP invests in or procures training instrumentation and tracking systems (air, surface and subsurface), threat presentation systems, scoring systems and communications systems at several existing training locations including but not limited to Oceana, Cherry Point, Beaufort, Townsend, Key West, and Atlantic Underwater Test and Evaluation (AUTECE). SC145 FRP-Radar Emission Simulating Set (RESS) FY10-FY13 funds moved to SC105 Threat Presentation. The RESS is a component of the Opposing Force operating environment that replicates the expected electronic order of battle. The RESS provides the range the capability to simulate or emulate basic elements of Electronic Combat systems. This realignment assembles disparate EW programs into a functional capability, allowing the fleet to control and allocate threat presentation resources within the existing budget to ensure procurement efforts are best aligned to the electronic order of battle threat requirements. FY08-13 includes increased funding for land targets.

JOINT THREAT EMITTER (JTE)

The JTE provides an Integrated Air Defense System (IADS) controlled threat environment. The JTE is capable of simulating multiple threat systems and different IADS scenarios. The JTE set consists of 3 core capabilities; threat system simulation, power supply, and system control. The FY05 and FY07 congressional adds will procure one wide band JTE for use in the Hawaiian Islands and the western Pacific regions.

MULTI-SPECTRAL THREAT EMITTER

The FY07 congressional add will complete the procurement of (2) Multi-spectral Threat Emitter Simulators (MTES) currently on procurement with FY05 and FY06 congressional add funding. The MTES is an EW threat emitter that visually represents a specific surface-to-air threat. The system will be mobile and provide full radio frequency/infrared fidelity. The current system under consideration is an infrared simulator.

PMRF UPGRADES

The Pacific Missile Range Facility (PMRF) supports a wide variety of training exercises involving air, surface, and subsurface units. This FY06 and FY07 Congressional adds will be utilized for training range instrumentation and range safety upgrades to ensure Fleet training readiness. These funds will provide state-of-the-art capability to conduct safe Fleet exercises, objective evaluation of training effectiveness and employment strategy and tactics, equipment performance evaluation and measurement of reliability and accuracy of operational weapons systems.

BSURE REPLACEMENT

The Barking Sands Underwater Range (BSURE) has reached its intended design life and requires refurbishment and modernization to ensure that it is capable of meeting fleet antisubmarine warfare training requirements in the future. FY06 and FY07 Congressional Adds provide funding for a portion of the required necessary components and elements associated with the modernization. Refurbishment includes replacement of both in-water and shore side hardware and modernization of software systems. Outyear funds beginning in FY07 fund the remainder of the requirement to extend the operational life of the range.

SCORE / SMART TARGETS

FY06 and FY07 Congressional Adds provides funding for (2) systems at the Southern California Off-Shore Range (SCORE). The system represents a variety of mobile and stationary targets/shapes and visual cues that are required to support aviation and surface training of the Naval Forces. SCORE Targets / Smart Targets represent Electronic Warfare simulators, and legacy system upgrades that present range participants with systems that provide capabilities such as reactivity, mobility, realistic radar cross-section, infrared signature, and realistic threat fidelity. FY04 and FY05 Congressional adds provided (2) systems for SCORE.

WEAPONS SYSTEM COST ANALYSIS P5			Weapon System									DATE: February 2007			
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY BA 3 - AVIATION SUPPORT EQUIPMENT										ID Code A	P-1 ITEM NOMENCLATURE 420400, WEAPONS RANGE SUPPORT EQUIPMENT				
Cost Code	Element of Cost	ID Code	Dollars in Thousands												
			Prior Years		FY 2006		FY 2007		FY 2008			FY 2009			
			Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost
SC004	SYS REPLACE & MODS (SRAM)	A	76,866	VAR	VAR	6,937	VAR	VAR	7,680	VAR	VAR	5,766	VAR	VAR	6,203
SC012	OCEAN SYSTEMS	A		VAR	VAR	13,407	VAR	VAR	11,975	VAR	VAR	12,364	VAR	VAR	25,886
SC041	TARGETS / SMART TARGETS	A	1,485	VAR	VAR	5,817				VAR	VAR	300	VAR	VAR	500
SC105	THREAT PRESENTATION	A					VAR	VAR	8,845	VAR	VAR	11,904	VAR	VAR	9,815
SC145	FRP-RADAR EMISSION SIMULATING SET	A	4,602	7	446	3,122	3	1289	3,867	7	505	3,534	7	507	3,549
SC148	FRP-NSFS SCORING SYSTEM (PORTABLE)	A		1	121	121									
SC151	FRP-TARGETS	A	368	VAR	VAR	217	VAR	VAR	226	VAR	VAR	2,231	VAR	VAR	2,137
SC152	FRP-TRACKING SYSTEM UPGRADES	A	4,540	VAR	VAR	2,972									
SC156	JOINT THREAT EMITTER	A					1	3,850	3,850						
SC157	MULTI-SPECTRAL THREAT EMITTER SYSTEM	A	2,349	1	1882	1,882	1	1,158	1,158						
SC158	TCTS - GROUND SUBSYSTEM	A	1,859	VAR	VAR	1,245	VAR	VAR	3,135	VAR	VAR	1,301	VAR	VAR	918
SC159	SCORE/SMART TARGETS	A		1	1,350	1,350	1	1,086	1,086						
SC160	BSURE REPLACEMENT	A		VAR	VAR	3,953	VAR	VAR	9,701	VAR	VAR	3,459			
SC702	PMRF UPGRADES	A	1,159	VAR	VAR	4,885	VAR	VAR	3,965						
SC831	PRODUCTION ENGINEERING, OTHER		7,969			9,772			7,573			7,738			11,448
SC860	ACCEPTANCE TEST & EVALUATION		193			277			1,702			165			240
SC900	NON-FMP INSTALLATION		608			1,367			2,117			7,226			8,987
SC971	ILS, OTHER RANGES		944			1,675			2,704			2,167			3,238
SCVAR	VARIOUS		33,529												
			136,470			58,999			69,584			58,155			72,920

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2007			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD	
OTHER PROCUREMENT, NAVY / SUPPORT EQUIPMENT					420400, WEAPONS RANGE SUPPORT EQUIPMENT					43SC	
Cost Element/FiscalYear	Qty	Unit Cost (000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available	
SC004 SYS REPLACE & MODS (SRAM)											
2006	VAR	VAR	NSWC, CORONA, CA	10/2005	VARIOUS	VARIOUS	12/2005	11/2006	YES	N/A	
2007	VAR	VAR	NSWC, CORONA, CA	10/2006	VARIOUS	VARIOUS	12/2006	08/2007	YES	N/A	
2008	VAR	VAR	NSWC, CORONA, CA	10/2007	VARIOUS	VARIOUS	12/2007	08/2008	YES	N/A	
2009	VAR	VAR	NSWC, CORONA, CA	10/2008	VARIOUS	VARIOUS	12/2008	08/2009	YES	N/A	
SC012 OCEAN SYSTEMS											
2006	VAR	VAR	NUWC DET, NEWPORT, RI	04/2006	VARIOUS	VARIOUS	08/2006	08/2008	YES	N/A	
2006	VAR	VAR	VAR	04/2006	VARIOUS	VARIOUS	08/2006	08/2008	YES	N/A	
2007	VAR	VAR	NUWC DET, NEWPORT, RI	04/2006	VARIOUS	VARIOUS	03/2007	08/2008	YES	N/A	
2008	VAR	VAR	NUWC DET, NEWPORT, RI	04/2006	VARIOUS	VARIOUS	03/2008	08/2008	YES	N/A	
2008	VAR	VAR	VAR	10/2007	VARIOUS	VARIOUS	12/2007	12/2009	YES	N/A	
2009	VAR	VAR	NUWC DET, NEWPORT, RI	01/2009	VARIOUS	VARIOUS	03/2009	09/2011	NO	12/2008	
2009	VAR	VAR	VAR	10/2008	VARIOUS	VARIOUS	12/2008	12/2009	NO	12/2008	
SC041 TARGETS / SMART TARGETS											
2006	VAR	VAR	VAR	01/2006	VARIOUS	VARIOUS	04/2006	04/2008	YES	N/A	
2008	VAR	VAR	VAR	01/2008	VARIOUS	VARIOUS	04/2008	04/2010	YES	N/A	
2009	VAR	VAR	VAR	01/2009	VARIOUS	VARIOUS	04/2009	04/2011	YES	N/A	
SC105 THREAT PRESENTATION											
2007	VAR	VAR	NAWCWD, CHINA LAKE, CA	01/2007	C-CPFF	LOCKHEED MARTIN SERVICES INC, CHERRY HILL, NJ	04/2007	04/2009	NO	01/2007	
2007	VAR	VAR	VAR	01/2007	VARIOUS	VARIOUS	04/2007	04/2009	NO	01/2007	
2008	VAR	VAR	VAR	01/2008	VARIOUS	VARIOUS	04/2008	04/2010	NO	01/2008	
2009	VAR	VAR	VAR	01/2009	VARIOUS	VARIOUS	04/2009	04/2011	NO	01/2009	
SC145 FRP-RADAR EMISSION SIMULATING SET											
2006	7	446	NAWCWD, PT MUGU, CA	10/2005	VARIOUS	VARIOUS	12/2005	01/2007	YES	N/A	
2007	3	1289	NAWCWD, PT MUGU, CA	10/2006	VARIOUS	VARIOUS	12/2006	01/2008	YES	N/A	
2008	7	505	NAWCWD, PT MUGU, CA	10/2007	VARIOUS	VARIOUS	12/2007	06/2009	YES	N/A	
2009	7	507	NAWCWD, PT MUGU, CA	10/2008	VARIOUS	VARIOUS	12/2008	06/2010	YES	N/A	
SC148 FRP-NSFS SCORING SYSTEM											
2006	1	121	NSWC INDIAN HEAD, MD	02/2006	C-FFP	NSWC, INDIAN HEAD, MD	03/2006	03/2008	YES	N/A	
SC151 FRP-TARGETS											
2006	VAR	VAR	VAR	10/2005	VARIOUS	VARIOUS	12/2005	09/2006	NO	10/2005	
2007	VAR	VAR	VAR	10/2006	VARIOUS	VARIOUS	12/2006	09/2007	NO	10/2006	
2008	VAR	VAR	VAR	11/2007	VARIOUS	VARIOUS	12/2007	09/2008	NO	10/2007	
2009	VAR	VAR	VAR	11/2008	VARIOUS	VARIOUS	12/2008	09/2009	NO	10/2008	
SC152 FRP-TRACKING SYSTEM UPGRADES											
2006	VAR	VAR	NAWCWD, CHINA LAKE, CA	10/2005	VARIOUS	L3 COMMUNICATIONS, TELEMETRY-WEST, SAN DIEGO, CA	01/2006	01/2007	YES	N/A	
2006	VAR	VAR	NAWCWD, CHINA LAKE, CA	10/2005	VARIOUS	TYBRIN Corporation, Ridgecrest, CA	02/2006	01/2007	YES	N/A	
SC156 JOINT THREAT EMITTER											
2007	1	3,850	VAR	02/2007	C-FFP	NORTHROP GRUMMAN SYSTEMS CORPORATION, BUFFALO, NY	05/2007	05/2009	YES	N/A	

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2007			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD	
OTHER PROCUREMENT, NAVY / SUPPORT EQUIPMENT					420400, WEAPONS RANGE SUPPORT EQUIPMENT					43SC	
Cost Element/FiscalYear	Qty	Unit Cost (000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available	
SC157 MULTI-SPECTRAL THREAT EMITTER SYSTEM											
2006	1	1882	THREAT SIMULATORS MGMT OFFICE, RED STONE ARSENAL, AL	03/2006	C-FFP	DRS-ELECTRONIC WARFARE & NETWORK SYSTEMS, BUFFALO, NY	05/2006	05/2008	YES	N/A	
2007	1	1158	THREAT SIMULATORS MGMT OFFICE, RED STONE ARSENAL, AL	02/2007	C-FFP	DRS-ELECTRONIC WARFARE & NETWORK SYSTEMS, BUFFALO, NY	04/2007	09/2008	YES	N/A	
SC158 TCTS - GROUND SUBSYSTEM											
2006	VAR	VAR	ACC/WMRA, EGLIN AFB, FL	10/2005	C-FFP	CUBIC DEFENSE APPLICATIONS, INC, SAN DIEGO, CA	12/2005	09/2006	YES	N/A	
2007	VAR	VAR	ACC/WMRA, EGLIN AFB, FL	10/2006	C-FFP	CUBIC DEFENSE APPLICATIONS, INC, SAN DIEGO, CA	12/2006	09/2007	YES	N/A	
2008	VAR	VAR	ACC/WMRA, EGLIN AFB, FL	10/2007	C-FFP	CUBIC DEFENSE APPLICATIONS, INC, SAN DIEGO, CA	12/2007	09/2008	YES	N/A	
2009	VAR	VAR	ACC/WMRA, EGLIN AFB, FL	10/2008	C-FFP	CUBIC DEFENSE APPLICATIONS, INC, SAN DIEGO, CA	12/2008	09/2009	YES	N/A	
SC159 SCORE/SMART TARGETS											
2006	1	1,350	BIG CROW PROGRAM OFFICE, KIRTLAND AFB, FL	10/2005	C-FFP	ARGON ST, INC, CAMARILLO, CA	12/2005	09/2006	YES	N/A	
2007	1	1,086	VAR	02/2007	C-FFP	VARIOUS	04/2007	01/2008	YES	N/A	
SC160 BSURE REPLACEMENT											
2006	VAR	VAR	NUWC DET, NEWPORT, RI	04/2006	PX	NUWC DET, NEWPORT RI	08/2006	08/2009	YES	N/A	
2007	VAR	VAR	NUWC DET, NEWPORT, RI	04/2006	PX	NUWC DET, NEWPORT RI	03/2007	08/2009	YES	N/A	
2008	VAR	VAR	NUWC DET, NEWPORT, RI	04/2006	PX	NUWC DET, NEWPORT RI	03/2008	08/2009	YES	N/A	
SC702 PMRF UPGRADES											
2006	VAR	VAR	NUWC DET, NEWPORT, RI	10/2005	VARIOUS	VARIOUS	03/2005	06/2006	YES	N/A	
2006	VAR	VAR	PMRF HAWAII	10/2005	VARIOUS	VARIOUS	12/2005	06/2006	YES	N/A	
2006	VAR	VAR	VAR	10/2005	VARIOUS	VARIOUS	02/2006	06/2006	YES	N/A	
2007	VAR	VAR	NAWCWD, CHINA LAKE, CA	02/2007	C-FFP	L3 COMMUNICATIONS, TELEMETRY-WEST, SAN DIEGO, CA	04/2007	09/2008	YES	N/A	
2007	VAR	VAR	SPAWARSYSCEN SAN DIEGO, CA	02/2007	VARIOUS	VARIOUS	04/2007	08/2009	YES	N/A	
2007	VAR	VAR	SPAWARSYSCEN HAWAII	02/2007	VARIOUS	VARIOUS	04/2007	08/2009	YES	N/A	
2007	VAR	VAR	FISC, SEAL BEACH, CA	02/2007	VARIOUS	VARIOUS	04/2007	10/2007	YES	N/A	
2007	VAR	VAR	PMRF HAWAII	02/2007	VARIOUS	VARIOUS	05/2007	09/2008	YES	N/A	

REMARKS: SRAM, TARGETS, and PMRF Upgrades (Congressional Add) consist of a variety of projects each FY with award dates starting when funds are released.

BUDGET ITEM JUSTIFICATION SHEET							DATE:					
P-40							February 2007					
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY / BA-3 Aviation Support Equipment							P-1 ITEM NOMENCLATURE 420800 Expeditionary Airfields					
Program Element for Code B Items: Not Applicable							Other Related Program Elements					
	Prior Years	ID Code	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total
QUANTITY												
COST (In Millions)	\$170.7	A	\$11.4	\$8.0	\$8.3	\$8.5	\$8.7	\$8.8	\$9.0	\$9.2	Continuing	Continuing
<p>EXPEDITIONARY AIRFIELDS (EAF)</p> <p>This program provides for procurement of aircraft recovery equipment, landing mat and accessories, airfield lighting, and Visual Landing Aids for Naval Aviation Expeditionary Airfields (EAF).</p> <p>This core funding level directly supports the procurement and fielding of operational expeditionary airfield systems in the three active duty Marine Aircraft Wings and one Reserve Marine Aircraft Wing, testing and training installations, and provides assets for use by the Marine Expeditionary Forces during contingency operations.</p> <p>The FY 2008 budget request consists of procurement of various composites of surfacing equipment, such as AM-2 matting, lightweight and ultra-light weight matting. The quantities vary depending on quantities for each type of matting and service change requirements each year. This is also true for quantities of lighting equipment procured. The equipment, accessories, and service changes are procured and fielded with these funds. Equipment procurements are based on inventory shortfalls, product improvements to fill or correct known deficiencies, modernizing EAF equipment to improve maintainability, reliability, and safety-of-flight, and to keep pace with new aircraft and aircraft systems. Additionally, equipment procurements will facilitate forward deployment of EAF systems aboard Rapid Deployment Force/Maritime Prepositioning Force (RDF/MPF) ships which is an operational requirement under the Maritime Corps Master Plan, the Enhanced Maritime Prepositioning Squadron (EMPS) requirement, and the EAF 2000 concept.</p> <p>FY06 funding includes \$3.6M provided in supplemental.</p>												

WEAPONS SYSTEM COST ANALYSIS P-5	DATE: February 2007
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APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy/BA-3 Aviation Support Equipment	P-1 ITEM NOMENCLATURE/SUBHEAD 420800 EXPEDITIONARY AIRFIELDS
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COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2006			FY 2007			FY 2008			FY 2009			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
SE010	<u>EAF Service Change Kits</u>	A	54,986													
	EAF Surfacing Equipment			475	9	4,275	496	9	4,464	421	11	4,631	308	12	3,696	
	EAF Surfacing Equipment (FY06 Supplemental)			1,800	2	3,600	0	0	0	0	0	0	0	0	0	0
	EAF Lighting Equipment			21	112	2,352	21	114	2,394	21	116	2,436	29	118	3,422	
	EAF Arresting Gear Equipment			16	46	736	16	48	768	16	50	800	16	52	832	
SE800	Integrated Logistics Support	A	4,275			172			156			161			193	
SE830	Production Engineering	A	13,636			154			145			148			181	
SE860	Acceptance Test & Evaluation	A	97,824			66			105			105			136	
			170,721			11,355			8,032			8,281			8,460	

UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								February 2007		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD
Other Procurement, Navy					420800 EXPEDITIONARY AIRFIELDS					43SE
BA3 - Aviation Support Equipment										
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
FY 2006										
Service Change Kits										
EAF Surfacing Equipment	475	9	NAWCADLKE	Aug-04	Option-FFP	Deschamps -Angouleme,FR Metalite Aviation Lighting - Winster Grove, Birmingham UK	Nov-05	Apr-06	Yes	N/A
EAF Surfacing Equipment (FY06 Supplemental)	1800	2	NAWCADLKE	Aug-04	Option-FFP	Deschamps -Angouleme,FR CGEAR Australia PTY.LTD Metalite Aviation Lighting - Winster Grove, Birmingham UK	Jul-06	Dec-06	Yes	N/A
EAF Lighting Equipment	21	112	NAWCADLKE	Dec-01	Option-FFP	UK	Nov-05	Nov-06	No	NA
EAF Arresting Gear Equip't	16	46	NAWCADLKE	Jul-04	Option-FFP	ESCO - Aston, PA	Nov-05	Nov-06	Yes	N/A
FY 2007										
Service Change Kits										
EAF Surfacing Equipment	496	9	NAWCADLKE	Jul-06	Option-FFP	Deschamps, Angouleme, FR Metalite Aviation Lighting - Winster Grove, Birmingham UK	Nov-06	Apr-07	Yes	N/A
EAF Lighting Equipment	21	114	NAWCADLKE	Dec-01	Option-FFP	UK	Nov-06	Nov-07	No	NA
EAF Arresting Gear Equip't	16	48	NAWCAD LKE	Jul-04	Option-FFP	ESCO - Aston, PA	Nov-06	Nov-07	Yes	N/A
FY 2008										
Service Change Kits										
EAF Surfacing Equipment	421	11	NAWCADLKE	Jul-06	Option-FFP	Deschamps, Angouleme, FR Metalite Aviation Lighting - Winster Grove, Birmingham UK	Nov-07	Apr-08	Yes	N/A
EAF Lighting Equipment	21	116	NAWCADLKE	Dec-01	Option-FFP	UK	Nov-07	Nov-08	No	NA
EAF Arresting Gear Equip't	16	50	NAWCAD LKE	Jul-04	Option-FFP	ESCO - Aston, PA	Nov-07	Nov-08	Yes	N/A
FY 2009										
Service Change Kits										
EAF Surfacing Equipment	308	12	NAWCADLKE	Jul-06	Option-FFP	Deschamps, Angouleme, FR Metalite Aviation Lighting - Winster Grove, Birmingham UK	Nov-08	Apr-09	Yes	N/A
EAF Lighting Equipment	29	118	NAWCADLKE	Dec-01	Option-FFP	UK	Nov-08	Nov-09	No	NA
EAF Arresting Gear Equip't	16	52	NAWCAD LKE	Jul-04	Option-FFP	ESCO - Aston, PA	Nov-08	Nov-09	Yes	N/A
D. REMARKS										

BUDGET ITEM JUSTIFICATION SHEET											DATE:			
P-40											February 2007			
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE							
Other Procurement, Navy							BA 3 - AVIATION SUPPORT EQUIPMENT						421400, AIRCRAFT REARMING EQUIPMENT	
Program Element for Code B Items:							Other Related Program Elements							
	Prior Years	ID Code	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program		
Quantity														
Cost (\$M)	\$323.9	A/B	\$11.8	\$12.2	\$12.9	\$13.0	\$13.3	\$13.6	\$13.8	\$14.1	Cont	Cont		
OPN Spares (\$M)			\$0.08	\$0.04	\$0.03	\$0.07	\$0.06	\$0.05	\$0.04	\$0.05	Cont	Cont		

DESCRIPTION:

This program funds the procurement of common Armament Support Equipment (ASE), and Weapons Support Equipment (WSE) under the procurement and inventory control of the Naval Inventory Control Point (NAVICP) and the Naval Air Systems Command.

This budget line supports: (a) initial outfitting for all in-production weapons systems; (b) procurement of new support equipment (SE), and (c) procurement of Armament Weapon Support Equipment (AWSE). These items support sustained operations, and surge deployments of the CV battle groups.

Shipboard/Shorebased WSE is utilized by weapons departments to handle, transport, and maintain weapons. Examples of the equipment are the A/S32K-1D Weapons Loader, the AERO- 74A Adapter, and the A/M32K-4A Munitions Trailer.

Shipboard/Shorebased ASE is utilized by squadrons and supporting activities to load and service aircraft weapons and guns. The Next Generation Munitions Handler (shipboard) is an example of this equipment.

WEAPONS SYSTEM COST ANALYSIS P5			Weapon System							DATE: February 2007							
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY BA 3 - AVIATION SUPPORT EQUIPMENT								ID Code A/B	P-1 ITEM NOMENCLATURE 421400, AIRCRAFT REARMING EQUIPMENT								
Cost Code	Element of Cost	ID Code	Dollars in Thousands														
			Prior Years			FY 2006			FY 2007			FY 2008			FY 2009		
			Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost		
SH024	ADU-514A/E MISSILE ADAPTER	A	1,393								500	2.7	1,350				
SH027	A/S32K-1D CILOP	A	11,390	56	49,982	2,799	52	50,269	2,614								
SH028	AERO-91B (ADU-566/E) ADAPTER	A	565	250	.66	165											
SH029	AERO-74A (ADU-876/E) ADAPTER	A	4,727	421	5,359	2,256	324	5,528	1,791	322	5,652	1,820	95	5,654	537		
SH030	AERO-51B (MHU-227/M) TRAILER	A	31	150	5,613	842	75	5,613	421	75	5,613	421	100	5,620	562		
SH033	LALS II LOADER	A	27,000				15	120.	1,800	20	120.	2,400	20	120.	2,400		
SH034	LALS II REPLENISHER	A		50	16.28	814	50	16.28	814	33	16.303	538					
SH035	TTU-346/E VARIABLE TEST WEIGHT	A	950	6	20.	120											
SH036	A/M32K-4A MUN TRLR REPLACEMENT	B					2	93.	186				158	22.708	3,588		
SH037	NEXT GENERATION HANDLER (SHIP)	B											3	635.	1,905		
SH830	PRODUCTION ENGINEERING		34,204			1,868			1,733			1,710			1,691		
SH860	ACCEPTANCE TEST AND EVALUATION		6,117			464			430			611			591		
SH890	OTHER		237,516			2,497			2,408			4,047			1,710		
			323,893			11,825			12,197			12,897			12,984		

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY						C. P-1 ITEM NOMENCLATURE			February 2007		
OTHER PROCUREMENT, NAVY / BA 3 - AVIATION SUPPORT EQUIPMENT						421400, AIRCRAFT REARMING EQUIPMENT			43SH		
Cost Element/FiscalYear	Qty	Unit Cost (000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available	
SH024 ADU-514A/E MISSILE ADAPTER											
2008	500	2.7	NAWCADLKE, Lakehurst, NJ	11/2007	C-FFP	TBD	12/2007	07/2008			
SH027 A/S32K-1D CILOP											
2006	56	49.982	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	SEFAC SOLOMONS, SOLOMONS, MD	01/2006	06/2006			
2007	52	50.269	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	SEFAC SOLOMONS, SOLOMONS, MD	12/2006	05/2007			
SH028 AERO-91B (ADU-566/E) ADAPTER											
2006	250	.66	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	D E TECHNOLOGIES, INC, KING OF PRUSSIA, PA	01/2006	06/2006			
SH029 AERO-74A (ADU-876/E) ADAPTER											
2006	421	5.359	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	D E TECHNOLOGIES, INC, KING OF PRUSSIA, PA	02/2006	08/2006			
2007	324	5.528	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	D E TECHNOLOGIES, INC, KING OF PRUSSIA, PA	12/2006	06/2007			
2008	322	5.652	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	D E TECHNOLOGIES, INC, KING OF PRUSSIA, PA	12/2007	06/2008			
2009	95	5.654	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	D E TECHNOLOGIES, INC, KING OF PRUSSIA, PA	12/2008	06/2009			
SH030 AERO-51B (MHU-227/M) TRAILER											
2006	150	5.613	NAWCADLKE, Lakehurst, NJ	04/2006	C-FFP	DEVAL CORP, PHILADELPHIA, PA	09/2006	03/2007			
2007	75	5.613	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	DEVAL CORP, PHILADELPHIA, PA	03/2007	07/2007			
2008	75	5.613	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	DEVAL CORP, PHILADELPHIA, PA	12/2007	07/2008			
2009	100	5.620	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	DEVAL CORP, PHILADELPHIA, PA	12/2008	07/2009			
SH033 LALS II LOADER											
2007	15	120.	NAWCADLKE, Lakehurst, NJ	01/2007	C-FFP	TBD	03/2007	03/2008			
2008	20	120.	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	TBD	03/2008	12/2008			
2009	20	120.	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	TBD	03/2009	12/2009			
SH034 LALS II REPLENISHER											
2006	50	16.28	NAWCADLKE, Lakehurst, NJ	04/2006	C-FFP	HYDRAULICS INTERNATIONAL INC, CHATSWORTH, CA	09/2006	03/2007			
2007	50	16.28	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	HYDRAULICS INTERNATIONAL INC, CHATSWORTH, CA	03/2007	09/2007			
2008	33	16.303	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	HYDRAULICS INTERNATIONAL INC, CHATSWORTH, CA	03/2008	09/2008			
SH035 TTU-346/E VARIABLE TEST WEIGHT											
2006	6	20.	NAWCADLKE, Lakehurst, NJ	04/2006	C-FFP	COMPUTA-BASE INC, BERLIN, NJ	06/2006	09/2006			
SH036 A/M32K-4A MUN TRLR REPLACEMENT											
2007	2	93.	NAWCADLKE, Lakehurst, NJ	11/2006	C-FFP	TBD	03/2007	03/2008			
2009	158	22.708	NAWCADLKE, Lakehurst, NJ	N/A	C-FFP	TBD	03/2009	03/2010			
SH037 NEXT GENERATION HANDLER (SHIP)											
2009	3	635.	NAWCADLKE, Lakehurst, NJ	02/2009	C-FFP	TBD	03/2009	03/2010			

REMARKS:

BUDGET ITEM JUSTIFICATION SHEET						DATE: February 2007						
P-40												
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE						
OTHER PROCUREMENT, NAVY/ BA-3 AVIATION SUPPORT EQUIPMENT						AIRCRAFT LAUNCH AND RECOVERY EQUIPMENT (ALRE) BLI 4216						
Program Element for Code B Items: 0204112N and 0204161N						Other Related Program Elements RDT&E: 0603512N , 0604512N						
	Prior Years	ID Code	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total
QUANTITY												
COST (In Millions)	\$728.9	A/B	\$24.0	\$29.7	\$38.9	\$47.2	\$133.9	\$117.6	\$110.5	\$98.7	CONTINUING	CONTINUING
<p>This program provides for procurement of major aircraft Launch, Recovery, and Visual Landing Aids (VLA) equipment as well as ancillary items required for installation aboard aircraft carriers, air capable combatant vessels, amphibious assault ships, and shore stations. Most procurements are initiated due to one of the following reasons:</p> <ul style="list-style-type: none"> (1) urgent fleet problems associated with the safe and reliable operation of existing equipment; (2) expanding responsibilities in support of helicopter operations on Air Capable Ships (ACS) and Vertical / Short Take-Off and Landing (V/STOL) aircraft, and; (3) the demand for increased launch and recovery equipment reliability, availability, and maintainability (RAM); capability; and margin of safety. <p>Shipboard installed items procured under this program are for operational fleet aircraft carriers, air capable combatant vessels, and amphibious assault ships. Major equipment and service changes procured in support of the Fleet Modernization Program (FMP) are generally installed by shipyard personnel during routine or restricted availabilities and regular overhauls. Non-FMP installations include minor equipments and service changes that are installed by Alteration Installation Teams (AIT) or Voyage Repair Teams (VRT) from the Naval Aviation Depots (NADEPs) under the direction of Fleet Type Commanders and the Naval Air Warfare Center, Aircraft Division (NAWCAD), Lakehurst, NJ. Type Commanders determine shorebased installed item requirements.</p> <p>The FY 2008 budget request consists of Aircraft Carrier (Launcher, Arresting Gear and Visual Landing Aids) and Air Capable Ships (Helicopter Landing System) service change procurements (various quantities). Also included is equipment funding for Moriah Wind System (MWS - three systems), Advanced Recovery Control (ARC - ten systems), Aircraft Data Management and Control System Block 2 Upgrade (ADMACS BL2 - three systems), and their affiliated production support, as well as FMP and Non-FMP installations of various equipment and modifications purchased in FY 2008 or prior years.</p> <p>The FY 2009 budget request consists of Aircraft Carrier (Launcher, Arresting Gear and Visual Landing Aids) and Air Capable Ships (Helicopter Landing System) service change procurements (various quantities). Also included is equipment funding for Moriah Wind System (MWS - two systems), Advanced Recovery Control (ARC - eleven systems), Aircraft Data Management and Control System Block 2 Upgrade (ADMACS BL2 - three systems), and their affiliated production support, as well as FMP and Non-FMP installations of various equipment and modifications purchased in FY 2009 or prior years.</p>												

CLASSIFICATION:

UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5		WEAPON SYSTEM			DATE: February 2007	
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/ BA-3 AVIATION SUPPORT EQUIPMENT		P-1 ITEM NOMENCLATURE/SUBHEAD AIRCRAFT LAUNCH AND RECOVERY EQUIPMENT (ALRE)				

COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2006			FY 2007			FY 2008			FY 2009		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
SJ040	<u>Service Change Kits</u>	A/B	1,719			424			4,091			5,803			7,336
	LAUNCHER														
	Catapults - CVN		104			180			251			1,940			1,423
	VISUAL LANDING AIDS														
	Visual Landing Aids - CVN		545			140			827			1,768			979
	Visual Landing Aids - ACS								827			286			2,625
	RECOVERY														
	Arresting Gear - CVN		770			104			1,430			993			1,432
	Helicopter Landing System (HLS) - ACS		300						756			816			877
SJ260	MWS - CVN	A	2,254	2	472	944	1	517	517						
SJ261	MWS - L Class	A	625	2	347	694	1	381	381	3	400	1,200	2	420	840
SJ263	MWS-ACS	A													
SJ270	VISUAL - CVN	A	4,535	5	464	2,319									
SJ271	VISUAL - Shorebased	A	550	2	402	803									
SJ280	ARC CVN	A	5,930	3	1,074	3,223	5	1,084	5,422	10	988	9,881	10	930	9,298
SJ281	ARC Shorebased	A											1	1,368	1,368
SJ290	Auto Cross Check System	A	2,225												
SJ300	AAG - CVN	B													
SJ301	AAG-Shorebased	B													
SJ302	ADMACS Block 2	B								3	1,390	4,170	3	2,022	6,066
SJ800	Integrated Logistics Support		2,075			2,283			2,170			1,815			1,461
SJ830	Production Engineering		7,693			3,358			4,560			5,107			3,911
SJ860	Acceptance, Test & Evaluation											35			
SJ900	Installation - NFMP		1,331			2,018			3,178			3,621			3,626
SJ910	Installation - FMP		6,771			7,795			9,308			7,231			13,297
SJ990	Initial Training					90			70						
N/A	Various 1/		693,211												
			728,919			23,951			29,697			38,863			47,203

VISUAL: Virtual Imaging System for Approach and Landing

CLASSIFICATION:

UNCLASSIFIED

1/ The amount identified reflects total prior year funding associated with equipment projects no longer financed in FY2006 and beyond.

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
B. APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA-3 AVIATION SUPPORT EQUIPMENT					C. P-1 ITEM NOMENCLATURE Aircraft Launch and Recovery Equipment (ALRE)				SUBHEAD 43SJ	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION	RFP ISSUE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
FY 2006										
SJ260 MWS - CVN	2	472	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Quality Performance Inc Fredericksburg VA	5/06	3/07	No	N/A
SJ261 MWS - L Class	2	347	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Quality Performance Inc Fredericksburg VA	5/06	3/07	No	N/A
SJ270 VISUAL-CVN	5	464	NAWCAD LKEHRST	Not Applicable	FFP	L-3 Communications Alpharetta, GA	1/06	11/06	No	N/A
SJ271 VISUAL-SHORE	2	402	NAWCAD LKEHRST	Not Applicable	FFP	L-3 Communications Alpharetta, GA	5/06	3/07	No	N/A
SJ280 ARC - CVN	3	1074	NAWCAD LKEHRST	Not Applicable	FPI	Northrop Grumman Sykesville, MD	6/06	6/07	No	N/A
FY2007										
SJ260 MWS - CVN	1	517	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Quality Performance Inc Fredericksburg VA	12/06	10/07	No	N/A
SJ261 MWS - L Class	1	381	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Quality Performance Inc Fredericksburg VA	12/06	10/07	No	N/A
SJ280 ARC - CVN	5	1084	NAWCAD LKEHRST	Not Applicable	FPI	Northrop Grumman Sykesville, MD	12/06	12/07	No	N/A
FY2008										
SJ261 MWS - L Class	3	400	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Quality Performance Inc Fredericksburg VA	12/07	10/08	No	N/A
SJ280 ARC - CVN	10	988	NAWCAD LKEHRST	Not Applicable	FPI	Northrop Grumman Sykesville, MD	12/07	12/08	No	N/A
SJ302 ADMACS Block 2	3	1390	NAWCAD LKEHRST	Not Applicable	TBD	TBD	12/07	10/08	No	N/A
FY2009										
SJ261 MWS - L Class	2	420	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Quality Performance Inc Fredericksburg VA	12/08	10/09	No	N/A
SJ280 ARC - CVN	10	930	NAWCAD LKEHRST	Not Applicable	FPI	Northrop Grumman Sykesville, MD	12/08	12/09	No	N/A
SJ281 ARC - Shorebased	1	1368	NAWCAD LKEHRST	Not Applicable	FPI	Northrop Grumman Sykesville, MD	12/08	12/09	No	N/A
SJ302 ADMACS Block 2	3	2022	NAWCAD LKEHRST	Not Applicable	TBD	TBD	12/08	10/09	No	N/A

P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: Mk7 Mod 2,3,4 TYPE MODIFICATION: Increase Capability/Safety MODIFICATION TITLE: Advanced Recovery Control - CVN SJ280

DESCRIPTION/JUSTIFICATION:

The ARC program, previously planned as Mark 7 S/C439 has been determined to be an ACAT-IVM program. Therefore, after ECP approval through NAVSEA this effort becomes a Ship Alteration and will be installed using FMP funding. This new Aircraft Recovery Control System will accomplish the objectives of the FY 2001 CV Operational Advisory Group (OAG) Priority #12 Arresting Gear Improvements and CV OAG Air Department Priority #3 to restore margins of safety to the MK7 Arresting Gear System. The new system will also reduce system life cycle cost by reducing "O" level maintenance.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Milestone C May-2006

	Prior Years		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		FY 2012		FY 2013		TC		TOTAL		
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	
FINANCIAL PLAN (IN MILLIONS)																							
<u>RDT&E</u>		25.781																					
<u>PROCUREMENT</u>																							
INSTALLATION KITS	6	5.930	3	3.223	5	5.422	10	9.881	10	9.298	5	5.068	4	4.677							43	43.499	
INSTALLATION KITS - UNIT COST		0.988		1.074		1.084		0.988		0.930		1.014		1.169									1.012
INSTALLATION KITS NONRECURRING																							
EQUIPMENT																							
EQUIPMENT NONRECURRING																							
ENGINEERING CHANGE ORDERS																							
DATA																							
TRAINING EQUIPMENT																							
SUPPORT EQUIPMENT																							
ILS		0.060		0.939		0.674		0.690		0.389		0.351		0.309		0.288							3.700
PE		0.188		0.740		1.427		1.606		1.021		0.876		0.972		0.716							7.546
ATE																							
INTERIM CONTRACTOR SUPPORT																							
INSTALL COST				0.400	9	2.776	5	1.864	10	3.377	10	3.168	5	1.311	4	1.102							13.998
TOTAL PROCUREMENT		6.178		5.302		10.299		14.041		14.085		9.463		7.269		2.106							68.743

INDIVIDUAL MODIFICATION (Continued)

MODELS OF SYSTEMS AFFECTED: Mk7 Mod 2,3,4 MODIFICATION TITLE: Advanced Recovery Control System - CVN SJ280

INSTALLATION INFORMATION:

METHOD OF IMPLEMENTATION: Shipyard/AIT

ADMINISTRATIVE LEADTIME: 2 months

PRODUCTION LEADTIME: 12 months

CONTRACT DATES: FY 2006: Jun-06 FY 2007: Dec-06 FY 2008: Dec-07 FY 2009: Dec-08

DELIVERY DATE: FY 2006: Jun-07 FY 2007: Dec-07 FY 2008: Dec-08 FY 2009: Dec-09

(\$ in Millions)

Cost:	Prior Years		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		FY 2012		FY 2013		To Complete		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
INSTALLATION SUPPORT																							
PRIOR YEARS																							
FY 2005 EQUIPMENT			AP	0.400	6	1.714																6	2.114
FY 2006 EQUIPMENT					3	0.857																3	0.857
FY 2007 EQUIPMENT					AP	0.205	5	1.445														5	1.650
FY 2008 EQUIPMENT							AP	0.419	10	2.949												10	3.368
FY 2009 EQUIPMENT									AP	0.428	10	2.949										10	3.377
FY 2010 EQUIPMENT											AP	0.219	5	1.088								5	1.088
FY 2011 EQUIPMENT													AP	0.223	4	1.102						4	1.325
TO COMPLETE																							
INSTALL COST				0.400	9	2.776	5	1.864	10	3.377	10	3.168	5	1.311	4	1.102						43	13.779

INSTALLATION SCHEDULE:

	FY 2005 & Prior	FY 2006				FY 2007				FY 2008				FY 2009				FY 2010				FY 2011				FY 2012				FY 2013				TC	TOTAL
		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	1	2	3	4		
In	0	0	0	0	0	0	4	5	5	0	0	0	5	5	0	0	5	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	43
Out	0	0	0	0	0	0	4	5	0	0	0	5	0	0	5	5	0	5	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	43

Total OPN Inventory Objective for this modification is 43.

Note: AP is advanced planning for installation.

P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: ADMACS Block 2 TYPE MODIFICATION: Increase Capability/Safety MODIFICATION TITLE: ADMACS Block 2 Upgrade SJ302

DESCRIPTION/JUSTIFICATION:

The Aviation Data Management and Control System (ADMACS) grew out of the Aviation Weapons Information Management System (AWIMS) initiative. ADMACS is an integrated, network-centric, shipboard aviation operations information management system, which will provide data required for CVN aviation operations planning, execution, and readiness assessment. Block 2 is the third incremental development in this integration program.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: DT-IIA 2Q2007, OT & MS-C 1Q2008

	Prior Years		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011		FY 2012		FY 2013		TC		TOTAL	
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$
FINANCIAL PLAN (IN MILLIONS)																						
<u>RDT&E</u>		9.250				3.660		1.725		0.715												15.350
<u>PROCUREMENT</u>																						
INSTALLATION KITS							2	3.962	3	6.066	1	2.065	2	2.828							8	14.921
INSTALLATION KITS - UNIT COST								1.981		2.022		2.065		1.414								1.865
INSTALLATION KITS NONRECURRING																						
EQUIPMENT																						
EQUIPMENT NONRECURRING																						
ENGINEERING CHANGE ORDERS																						
Productionized RDT&E Test Article							1	0.208													1	0.208
TRAINING EQUIPMENT																						
SUPPORT EQUIPMENT																						
ILS								0.098		0.198		0.200		0.200		0.096						0.792
PE								0.148		0.594		1.400		1.400		0.170						3.712
ATE																						
INTERIM CONTRACTOR SUPPORT																						
INSTALL COST								1.098	3	5.273	3	6.249	1	3.038	2	3.212					9	18.870
TOTAL PROCUREMENT								5.514		12.131		9.914		7.466		3.478						38.503

INDIVIDUAL MODIFICATION (Continued)

MODELS OF SYSTEMS AFFECTED: ADMACS Block 2 MODIFICATION TITLE: ADMACS Block 2 Upgrade SJ302

INSTALLATION INFORMATION:

METHOD OF IMPLEMENTATION: Shipyard/AIT

ADMINISTRATIVE LEADTIME: 2 month

PRODUCTION LEADTIME: 10 months

CONTRACT DATES: FY 2006: _____ FY 2007: _____ FY 2008: Dec-07 FY 2009: Dec-08

DELIVERY DATE: FY 2006: _____ FY 2007: _____ FY 2008: Oct-08 FY 2009: Oct-09

(\$ in Millions)

Cost:	Prior Years		FY 2006		FY 2007		FY 2008		FY 2009		FY2010		FY 2011		FY 2012		FY 2013		To Complete		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
PRIOR YEARS																						
FY 2006 EQUIPMENT																						
FY 2007 EQUIPMENT																						
FY 2008 EQUIPMENT							AP	1.098	3	4.018											3	5.116
FY 2009 EQUIPMENT									AP	1.255	3	5.822									3	7.077
FY 2010 EQUIPMENT											AP	0.427	1	2.166							1	2.593
FY 2011 EQUIPMENT													AP	0.872	2	3.212					2	4.084
FY 2011 EQUIPMENT																						
FY 2012 EQUIPMENT																						
TO COMPLETE																						
INSTALL COST								1.098	3	5.273	3	6.249	1	3.038	2	3.212					9	18.870

INSTALLATION SCHEDULE:

	FY 2005 & Prior	FY 2006				FY 2007				FY 2008				FY 2009				FY 2010				FY 2011				FY 2012				FY 2013				TC	TOTAL
		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	1	2	3	4		
In	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	2	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Out	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0

Note: AP is advanced planning for installation.

CLASSIFICATION

BUDGET ITEM JUSTIFICATION SHEET							DATE				
APPROPRIATION/BUDGET ACTIVITY OP,N - BA3 AVIATION SUPPORT EQUIPMENT							P-1 ITEM NOMENCLATURE 4226 METEOROLOGICAL EQUIPMENT			SUBHEAD 53SP	
	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY2011	FY2012	FY2013	TO COMP	TOTAL	
QUANTITY											
COST (in millions)	22.5	14.3	12.2	30.5	38.1	38.7	42.0	39.3	Cont	Cont	
PROGRAM COVERAGE/JUSTIFICATION FOR BUDGET YEAR REQUIREMENTS:											
<p>This item provides new and replacement meteorological equipment for all Navy and Marine Corps Air Stations, all Navy ships, Fleet Marine Force (FMF) units and other activities required to provide weather observations and provide safety of flight capabilities. The procurement has been thoroughly coordinated with the other DOD and civilian agencies. Equipment is funded under the following programs:</p> <p><u>Satellite Receiver Upgrades (AN/SMQ-11 and AN/FMQ-17)</u>: Environmental satellite receivers used to receive and process remotely sensed data from the Defense Meteorological Satellite Program (DMSP) satellites, the National Oceanic and Atmospheric Administration (NOAA) satellites, the National Polar-orbiting Operational Environmental Satellite System (NPOESS) satellites, the Geostationary Operational Environmental Satellites (GOES), and the GEOSAT Follow-On (GFO) satellite. The evolutionary upgrades will enhance weather service capabilities to receive and preprocess additional environmental satellites, comply with open systems architecture standards, and provide for antenna replacement. Specifically, in the remote sensing efforts, integration of next generation of Polar Orbiting Satellite families and new sensors of opportunity are incorporated in design and software development into existing systems.</p> <p><u>Tactical Environmental Support System (TESS) Upgrade</u>: Procures workstations, servers, input/output control devices, and software to support the evolutionary acquisition of TESS capabilities. TESS Upgrades include Afloat, Ashore and Mobile variants.</p> <p><u>Fleet Marine Force (FMF) Meteorological Equipment</u>: Meteorological equipment required to maintain, upgrade, and replace the Meteorological Mobile Facility Replacement (METMF (R)) with a modular, scalable, fully integrated, network-centric, next generation system capable of automatic data acquisition from secure and unsecured communications channels providing METOC data, mesoscale (NOWCAST) modeling, meteorological satellite, meteorological Doppler radar, upper air observation, local and remote meteorological sensors. The METMF (R) is equipped to enhance Marine Air-Ground Task Force (MAGTF) operational capability world wide and requires increased mobility and tactical flexibility to support the MAGTF and Combatant Commander (COCOM) Battlespace Sensing Strategy.</p> <p>GWOT (Global War On Terrorism): The requested system will provide the Marine Wing Support Squadron (MWSS) METOC Sections with a critical stand-alone meteorological sensing capability to enhance the accuracy and timeliness of critical meteorological information required to support tactical flight operations and enhance safety of flight support. Rapidly changing meteorological conditions to include fluctuating cloud heights and visibility within the Central Command Area Of Responsibility (CENTCOM AOR) require a 24-hour, autonomously operated meteorological sensor suite capable of precisely sensing/observing and recording all meteorological parameters to enhance the MWSS METOC Section's ability to alert the Air Traffic Control (ATC) tower, flying squadrons, pilots, and aircrew when minimum and/or severe meteorological conditions impact the safe launch and recovery of aircraft at an enduring Forward Operating Base/Forward Arming Refueling Point (FOB/FARP). Additionally, the capability to track severe weather conditions utilizing real time location, identification and tracking of potential lightning strikes produced by Thunderstorms will enhance safety of flight support as well as enhance Force Protection support for personnel and equipment located at a FOB/FARP.</p> <p><u>National Polar-orbiting Operational Satellite System (NPOESS) Readiness</u>: Beginning in FY09 readiness of the NPOESS will require the procurement and installation of software products developed to support the Navy's Atmospheric and Oceanographic Prediction Models, including Coupled Ocean/Atmosphere Mesoscale Prediction System (COAMPS), Navy Operational Global Atmospheric Prediction System (NOGAPS), Naval Research Laboratory (NRL) Layered Ocean Model (NLOM), and Naval Coastal Model (NCOM). These models, run at NRL Monterey and NRL Stennis, first require update and installation of assimilation programs including the Multi-variate Optimal Interpolation (MVOI), Naval Coupled Ocean Data Assimilation (NCODA), Modular Ocean Data Assimilation System (MODAS), and Naval Atmospheric Variable Data Assimilation System-Accelerated Representer (NAVDAS-AR) before the predictions models can produce Warfighter METOC products. Along with the procurement of software, computer systems hardware upgrades will be necessary to accommodate increased data storage and band width requirements.</p> <p><u>Aviation Safety System Upgrades</u>: GOTS/COTS hardware and associated software upgrades for installed, procured flight equipment, such as Next Generation Radar (NEXRAD), Automated Surface Observing System (ASOS), Supplemental Weather Radar (SWR) and Mini-Rawin System (MRS) installed at all Navy and Marine Corps Air facilities worldwide. The Aviation Safety System Upgrades project will provide required system upgrades developed by the lead agency (in most cases, the National Weather Service). These periodic GOTS/COTS upgrades are essential to the continued support of this capability.</p> <p><u>Runway Visual Range for NAS Lemoore</u> (Congressional Interest) Procurement and installation of a Runway Visual Range (RVR) system at Naval Air Station (NAS) Lemoore, CA. RVR denotes the visible range over which the pilot of an aircraft on the center line of a runway can see the runway surface markings or the lights which delineate the runway boundaries or the runway's center line. To meet Federal and DOD directives to satisfy safety of flight requirements, the Federal Aviation Administration (FAA) requires RVR systems to support Instrument Flight Rule (IFR) operations. Specifically, IFR conditions occur when the prevailing visibility is one mile or less and/or the RVR is 6,000 feet or less. The geographic area at NAS Lemoore is well known for long, continuous periods of IFR conditions that are caused by low-lying radiation fog.</p> <p><u>Littoral Battlespace Sensing, Fusion, and Integration (LBSF&I)</u>: Procures unmanned ocean and atmospheric sensor systems beginning in FY09. These include powered Autonomous Undersea Vehicles (AUVs) and long duration buoyancy driven ocean gliders for ocean sensing and a weather radar capability using existing SPS-48 (E and G) and SPY-1 radar systems.</p>											

Exhibit P-40, Budget Item Justification

Unclassified
Classification

COST ANALYSIS													February 2007		
APPROPRIATION ACTIVITY															
OP,N - BA3 AVIATION SUPPORT EQUIPMENT													53SP		
COST CODE	ELEMENT OF COST	ID CODE	PY	FY 2006			FY 2007			FY 2008			FY 2009		
			TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
SP051	Satellite Receiver Upgrades (Space)	A				2,300	VAR		VAR		920	VAR		1,243	
SP190	TESS Upgrades	A				11,982	VAR	4,234	VAR		2,150	VAR		3,220	
SP300	Met Equipment (METMF(R))	A													
SPGWT	Met Equipment (METMF(R)) Upgrades (METMF(R)) GWOT (Global War On Terrorism) Funding	A				2,519	VAR	2,373	VAR		2,890	VAR		3,098	
						0	VAR	500			0			0	
SP400	National Polar-orbiting Operational Environmental Satellite System (NPOESS) Readiness											VAR		4,186	
SP550	Aviation Safety System Upgrades Runway Visual Range for NAS Lemoore (Cong Add)	A				3,064	VAR	2,149	VAR		3,247	VAR		4,373	
						0	VAR	1,000			0			0	
SP555	Production Support	A				0		0			0			0	
SP600	Littoral Battlespace Sensors, Fusion & Integration					0		0			0			11,500	
	Installation					2,624	VAR	3,210			3,041			2,834	
SP776	Non-FMP					1,171		1,536			1,378			1,102	
SP777	FMP					1,453		1,674			1,663			1,460	
SP777	DSA					0		0			0			272	
TOTAL CONTROL						22,489		#VALUE!			12,248		0	30,454	

Remarks: "Various" quantities represent system and subsystem upgrades of various hardware/software configurations that are dependent upon the type of site or platform.

UNCLASSIFIED

MODIFICATION TITLE: SATELLITE RECEIVER UPGRADES (SPACE) - (SHIP)
 COST CODE: SP051
 MODELS OF SYSTEMS AFFECTED:
 DESCRIPTION/JUSTIFICATION:

February 2007

Satellite Receiver Upgrades (AN/SMQ-11 and AN/FMQ-17) are environmental satellite receivers that are used to receive and process remotely sensed data from the Defense Meteorological Satellite Program (DMSP) satellites, the National Oceanic and Atmospheric Administration (NOAA) satellites, the National Polar-orbiting Operational Environmental Satellite System (NPOESS) satellites, the Geostationary Operational Environmental Satellites (GOES), and the GEOSAT Follow-On (GFO) satellite. The evolutionary upgrades will enhance weather service capabilities to receive and reprocess additional environmental satellites, comply with open systems architecture standards, and provide for antenna replacement.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:
 FINANCIAL PLAN: (\$ in millions)

	Prior Yrs		FY 05		FY 06		FY 07		FY 08		FY 09		FY 10		FY 11		FY 12		FY 13		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
RDT&E																									
PROCUREMENT:																									
Kit Quantity																									
Installation Kits																									
Installation Kits Nonrecurring																									
Equipment	VAR		VAR	0.9	VAR	1.3					VAR	0.2	VAR	0.2	VAR	0.2	VAR	0.2	VAR	0.2	CONT			CONT	
Equipment Nonrecurring																									
Engineering Change Orders																									
Data																									
Training Equipment																									
Production Support				0.1		0.0																			
DSA																									
Interim Contractor Support																									
Installation of Hardware	84		12	0.3	12	0.3	10	0.4	10	0.3	11	0.2	10	0.2	10	0.2	10	0.3	10	0.3	CONT	CONT	84	CONT	
PRIOR YR EQUIP	84																								
FY 00 EQUIP																									
FY 01 EQUIP																									
FY 02 EQUIP																									
FY 03 EQUIP																									
FY 04 EQUIP																									
FY 05 EQUIP			12	0.3																				12	0.3
FY 06 EQUIP					12	0.3																		12	0.3
FY 07 EQUIP							10	0.4																10	0.4
FY 08 EQUIP									10	0.3														10	0.3
FY 09 EQUIP											11	0.2												11	0.2
FY 10 EQUIP													10	0.2										10	0.2
FY 11 EQUIP															10	0.2								10	0.2
FY 12 EQUIP																	10	0.3						10	0.3
FY 13 EQUIP																			10	0.3				10	0.3
FY TC EQUIP																					CONT				
TOTAL INSTALLATION COST				0.3		0.3		0.4		0.3		0.2		0.2		0.2		0.3		0.3		CONT		CONT	
TOTAL PROCUREMENT COST				1.3		1.6		0.4		0.3		0.2		0.4		0.5		0.5		0.5		CONT		CONT	

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 1 month PRODUCTION LEADTIME: 10 months

CONTRACT DATES: FY 2006: Nov-05 FY 2007: Nov-06 FY 2008: Nov-07 FY 2009: Nov-08

DELIVERY DATES: FY 2006: Aug-06 FY 2007: Aug-07 FY 2008: Aug-08 FY 2009: Aug-09

INSTALLATION SCHEDULE:

PY	FY 07				FY 08				FY 09				
	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT	108	2	2	3	3	2	2	3	3	3	3	3	2
OUTPUT	108	2	2	3	3	2	2	3	3	3	3	3	2

INSTALLATION SCHEDULE:

	FY 10				FY 11				FY 12				FY 13				TC	TOTAL
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
INPUT	3	3	2	2	3	3	2	2	3	3	2	2	3	3	2	2	CONT	CONT
OUTPUT	3	3	2	2	3	3	2	2	3	3	2	2	3	3	2	2	CONT	CONT

Notes/Comments:
 1/ *Install quantities beginning in FY05 are based on CNO Availability.
 2/ *FY05-11 No DSA required (FC not Ship Alt)
 3/ *Accelerated FCIII Procurements - Complete buy in FY06, H/W install will occur in FY07-09 due to CNO availabilities, FY10-out installs are S/W upgrades.
 4/ *FY07/08 install quantities decreased from PB07 due to increased installation costs.

Exhibit P-3a, Individual Modification Program
 Unclassified
 Classification

MODIFICATION TITLE: SATELLITE RECEIVER UPGRADES (SPACE) - (SHORE)
 COST CODE SP051
 MODELS OF SYSTEMS AFFECTED:
 DESCRIPTION/JUSTIFICATION:

Satellite Receiver Upgrades (AN/SMQ-11 and AN/FMQ-17) are environmental satellite receivers that are used to receive and process remotely sensed data from the Defense Meteorological Satellite Program (DMSP) satellites, the National Oceanic and Atmospheric Administration (NOAA) satellites, the National Polar-orbiting Operational Environmental Satellite System (NPOESS) satellites, the Geostationary Operational Environmental Satellites (GOES), and the GEOSAT Follow-On (GFO) satellite. The evolutionary upgrades will enhance weather service capabilities to receive and reprocess additional environmental satellites, comply with open systems architecture standards, and provide for antenna replacement.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

FINANCIAL PLAN: (\$ in millions)

	Prior Yrs		FY 05		FY 06		FY 07		FY 08		FY 09		FY 10		FY 11		FY 12		FY 13		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
RDT&E																									
PROCUREMENT:																									
Kit Quantity																									
Installation Kits																									
Installation Kits Nonrecurring																									
Equipment	VAR		VAR	0.9	VAR	1.0	VAR	0.9	VAR	0.9	VAR	1.2	VAR	1.1	VAR	1.1	VAR	1.1	VAR	1.1	CONT			CONT	
Equipment Nonrecurring																									
Engineering Change Orders																									
Data																									
Training Equipment																									
Production Support				0.1		0.0																			
Shore Pre-Installation Design																									
Interim Contractor Support																									
Installation of Hardware	69		16	0.5	16	0.5	17	0.4	20	0.4	12	0.4	13	0.4	18	0.4	12	0.4	12	0.4	CONT	CONT	69	CONT	
PRIOR YR EQUIP	69																								
FY 00 EQUIP																									
FY 01 EQUIP																									
FY 02 EQUIP																									
FY 03 EQUIP																									
FY 04 EQUIP			5	0.1																				5	0.1
FY 05 EQUIP			11	0.3																				16	0.4
FY 06 EQUIP					5	0.1																		16	0.4
FY 07 EQUIP					11	0.3	5	0.1																17	0.4
FY 08 EQUIP							12	0.3																20	0.4
FY 09 EQUIP									5	0.1														15	0.3
FY 10 EQUIP											5	0.1												7	0.3
FY 11 EQUIP											8	0.3												5	0.1
FY 12 EQUIP													5	0.1										8	0.3
FY 13 EQUIP															5	0.1								13	0.4
FY TC EQUIP																	5	0.2						7	0.3
TOTAL INSTALLATION COST				0.5		0.5		0.4		0.4		0.4		0.4		0.4		0.4		0.4		CONT		CONT	CONT
TOTAL PROCUREMENT COST				1.5		1.5		1.3		1.3		1.7		1.5		1.6		1.5		1.5		CONT		CONT	CONT

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 1 month PRODUCTION LEADTIME: SMQ-11 = 10 months FMQ-17 = 3 months

CONTRACT DATES:	FY 2006:	Nov-05	FY 2007:	Nov-06	FY 2008:	Nov-07	FY 2009:	Nov-08
DELIVERY DATES:	FY 2006:	Aug-06 SMQ-11 Feb-06 FMQ-17	FY 2007:	Aug-07 SMQ-11 Feb-07 FMQ-17	FY 2008:	Aug-08 SMQ-11 Feb-08 FMQ-17	FY 2009:	Aug-09 SMQ-11 Feb-09 FMQ-17

INSTALLATION SCHEDULE:	PY	FY 07				FY 08				FY 09				FY 10				FY 11				FY 12				FY 13				TOTAL				
		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					
INPUT	101	5	5	5	2	5	5	5	5	3	3	3	3																					
OUTPUT	101	5	5	5	2	5	5	5	5	3	3	3	3																					
INSTALLATION SCHEDULE:		4	3	3	3	4	5	4	5	3	3	3	3													3	2	2	2					CONT
INPUT		4	3	3	3	4	5	4	5	3	3	3	3													3	2	2	2					CONT
OUTPUT																																		CONT

Notes/Comments:

- 1/ Install quantities have increased due to an increase in requirement for reach back capability.
- 2/ FY09-11 Procurement includes H/W refresh for LRD.
- 3/ *FY07/09/10 install quantities decreased from PB07 due to increased installation costs.

Exhibit P-3a, Individual Modification Program
 Unclassified
 Classification

MODIFICATION TITLE: TACTICAL ENVIRONMENTAL SUPPORT SYSTEM (TESS) UPGRADES (SHIP)
 COST CODE: SP190
 MODELS OF SYSTEMS AFFECTED:
 DESCRIPTION/JUSTIFICATION: The Tactical Environmental Support System (TESS) Upgrade procures workstations, servers, input/output control devices, and software to support the evolutionary acquisition of TESS capabilities. TESS Upgrades include Afloat, Ashore and Mobile variants.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:
 FINANCIAL PLAN: (\$ in millions)

	Prior Yrs	FY 05		FY 06		FY 07		FY 08		FY 09		FY 10		FY 11		FY 12		FY 13		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																								
PROCUREMENT:																								
Kit Quantity																								
Installation Kits																								
Installation Kits Nonrecurring																								
Equipment	43.0		VAR	9.3	VAR	7.2	VAR	2.1	VAR	1.3	VAR	2.1	VAR	5.0	VAR	3.8	VAR	3.9	VAR	3.9	CONT			CONT
Equipment Nonrecurring																								
Engineering Change Orders																								
Data																								
Training Equipment																								
Production Support				0.1																				
DSA				0.2									0.4		0.6		0.2							
Interim Contractor Support																								
Installation of Hardware	42		VAR	1.1	VAR	1.1	VAR	1.2	VAR	1.3	VAR	1.2	VAR	1.0	VAR	1.0	VAR	1.6	VAR	0.7	CONT	CONT		CONT
PRIOR YR EQUIP	42																							
FY 00 EQUIP																								
FY 01 EQUIP																								
FY 02 EQUIP																								
FY 03 EQUIP																								
FY 04 EQUIP																								
FY 05 EQUIP			VAR	1.1																				1.1
FY 06 EQUIP					VAR	1.1																		1.1
FY 07 EQUIP							VAR	1.2																1.2
FY08 EQUIP									VAR	1.3														1.3
FY09 EQUIP										VAR	1.2													1.2
FY10 EQUIP												VAR	1.0											1.0
FY11 EQUIP														VAR	1.0									1.0
FY12 EQUIP																VAR	1.6							1.6
FY13 EQUIP																		VAR	0.7					0.7
FY TC EQUIP																								
TOTAL INSTALLATION COST				1.4		1.1		1.2		1.3		1.5		1.4		1.5		1.7		0.7				CONT
TOTAL PROCUREMENT COST				10.8		8.3		3.4		2.6		3.6		6.3		5.4		5.7		4.6				CONT

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME: 1 month PRODUCTION LEADTIME: 10 months

CONTRACT DATES: FY 2006: Nov-05 FY 2007: Nov-06 FY 2008: Nov-07 FY 2009: Nov-08
 DELIVERY DATES: FY 2006: Jan-06 - Sep-06 FY 2007: Jan-07 - Sep-07 FY 2008: Jan-08 - Sep-08 FY 2009: Jan-09 - Sep-09

INSTALLATION SCHEDULE:

PY	FY 07				FY 08				FY 09			
	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	48											
OUTPUT	45											

INSTALLATION SCHEDULE:

	FY 10				FY 11				FY 12				FY 13				TC	TOTAL
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
INPUT																	CONT	CONT
OUTPUT																	CONT	CONT

Notes/Comments: 1/ Equipment is procured to meet installation availability windows.
 2/ FY06 and out reflect engineering changes, field changes and mail-outs to support 28 ships, 36 shore sites and 103 mobile units.
 3/ Installation increases in FY06 and out reflect new costs for Installation Management Office (IMO) and shipyard fees; installations were previously exempt from IMO process.
 4/ Change from PB 06 Ship and Shore is due to new ship requirements.
 5/ VAR Quantities represent backfit systems.

Exhibit P-3a, Individual Modification Program
 Unclassified
 Classification

MODIFICATION TITLE: TACTICAL ENVIRONMENTAL SUPPORT SYSTEM (TESS) UPGRADES (SHORE)
 COST CODE: SP190

MODELS OF SYSTEMS AFFECTED:

DESCRIPTION/JUSTIFICATION: The Tactical Environmental Support System (TESS) Upgrade procures workstations, servers, input/output control devices, and software to support the evolutionary acquisition of TESS capabilities. TESS Upgrades include Afloat, Ashore and Mobile variants.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

FINANCIAL PLAN: (\$ in millions)

	Prior Yrs		FY 05		FY 06		FY 07		FY 08		FY 09		FY 10		FY 11		FY 12		FY 13		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
RDT&E																									
PROCUREMENT:																									
Kit Quantity																									
Installation Kits																									
Installation Kits Nonrecurring																									
Equipment	37		VAR	2.3	VAR	4.8	VAR	2.1	VAR	0.9	VAR	0.9	VAR	4.6	VAR	3.5	VAR	3.7	VAR	5.7	CONT			CONT	
Equipment Nonrecurring																									
Engineering Change Orders																									
Data																									
Training Equipment																									
Production Support																									
Shore Pre-Installation Design							0.3		0.3		0.2		0.4		0.2		0.2		0.4						
Interim Contractor Support																									
Installation of Hardware	37		VAR	0.2	VAR	0.7	VAR	0.8	VAR	0.7	VAR	0.5	VAR	0.8	VAR	0.5	VAR	0.6	VAR	0.8	CONT	CONT			CONT
PRIOR YR EQUIP	37																								
FY 00 EQUIP																									
FY 01 EQUIP																									
FY 02 EQUIP																									
FY 03 EQUIP																									
FY 04 EQUIP																									
FY 05 EQUIP			VAR	0.2																					0.2
FY 06 EQUIP					VAR	0.7																			0.7
FY 07 EQUIP							VAR	0.8																	0.8
FY 08 EQUIP									VAR	0.7															0.7
FY 09 EQUIP											VAR	0.5													0.5
FY 10 EQUIP												VAR	0.8												0.8
FY 11 EQUIP													VAR	0.5											0.5
FY 12 EQUIP														VAR	0.6										0.6
FY 13 EQUIP																		VAR	0.8						0.8
FY TC EQUIP																					CONT				
TOTAL INSTALLATION COST				0.2		0.7		1.2		1.0		0.7		1.2		0.7		0.8		1.2			CONT		CONT
TOTAL PROCUREMENT COST				2.6		5.5		3.3		1.8		1.6		5.8		4.3		4.5		6.9			CONT		CONT

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME: 1 month

PRODUCTION LEADTIME: 2 months

CONTRACT DATES: FY 2006: Nov-05 FY 2007: Nov-06 FY 2008: Nov-07 FY 2009: Nov-08
 DELIVERY DATES: FY 2006: Jan-06 FY 2007: Jan-07 FY 2008: Jan-08 FY 2009: Jan-09

INSTALLATION SCHEDULE: PY 1 2 3 4 1 2 3 4 1 2 3 4

INPUT 41

OUTPUT 41

INSTALLATION SCHEDULE: 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 TC TOTAL

INPUT CONT CONT

OUTPUT CONT CONT

Notes/Comments: 1/ FY06 and out reflect engineering changes, field changes and mail-outs to support 28 ships, 36 shore sites and 103 mobile units.

2/ VAR Quantities represent backfit systems.

BUDGET ITEM JUSTIFICATION SHEET											DATE:			
P-40											February 2007			
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE							
Other Procurement, Navy							BA 3 - AVIATION SUPPORT EQUIPMENT						424200, DCRS/DPL	
Program Element for Code B Items:							Other Related Program Elements							
	Prior Years	ID Code	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program		
Quantity														
Cost (\$M)	\$82.2	A	\$1.4	\$1.5	\$1.5	\$1.6	\$1.6	\$1.6	\$1.7	\$1.7	Cont	Cont		
Spares Cost (\$M)			\$0.2	\$0.1	\$0.2	\$0.2	\$0.2	\$0.1	\$0.1	\$0.1	Cont	Cont		

DESCRIPTION: The Naval Air Systems Command is tasked to fund transition of shipboard photographic labs from traditional film technology to digital imagery technology (CNO Memo Ser 09B/2U2501983 of 23 Oct 92 applies). As such, there are two systems supported by this funding line.

First, the Digital Camera Receive Station (DCRS) is a combat system located in the Carrier Intelligence Center (CVIC) that processes classified Bomb Hit Assessment (BHA) and target imagery. DCRS has requirements to support near real-time over-the-horizon imagery transfer, as well as post-mission playback of imagery obtained from aircraft sensors. DCRS currently is a two rack system with a PC workstation for video editing and playback, media receptacles for aircraft data transfer devices, a laser printer, and communications equipment to support Fast Tactical Imagery (FTI). Equipment and software are updated through field change installations scheduled periodically every three years for each CV/CVN.

Second, the Digital Photo Lab (DPL) is an unclassified system that processes visual information for incidents and accidents at sea, shipboard investigations, medical records, combat camera, safety, training, and Public Affairs Office (PAO) functions. The DPL produces visual information documentation of real world events (e.g. drug interdiction programs, humanitarian relief efforts, shipboard and flight operations) that is eventually viewed by CNO, SECNAV, JCS, National Military Command Center and the White House. Digital imagery can be quickly disseminated via shipboard communication systems to support decision makers at all levels. DPL Phase I equipment installations are complete. In accordance with requirements set forth in CINCLANT MSG DTG 051820Z Apr 00, the current supported DPL configuration is versioned as V2X (DPL Phase II) and consists of the following components: two hardmounted racks for PC workstations and media receptacles; a rack for two scanners and two photo quality printers; a separate large format printer; a separate high speed laser printer; and a photo LAN that networks all of these components. The DPL also provides two high quality digital cameras to the ship. Equipment and software are updated through field change installations scheduled periodically every three years for each CV/CVN.

Through the FYDP, this program will continue to update the shipboard imagery equipment with digital imagery technology for both DCRS and DPL.

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a	DATE: February 2007
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APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/ BA 3 - AVIATION SUPPORT EQUIPMENT	P-1 ITEM NOMENCLATURE 424200, DCRS/DPL
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Procurement Items	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
SX020 DIGITAL PHOTO LAB WORKCENTER												
Quantity	A	49	3	3	3	3						
Funding		6,874	444	461	431	458						
SX021 DIGITAL SLR COLOR CAMERA												
Quantity	A	97	10	10	10	10						
Funding		2,372	50	50	50	53						
SX100 DIGITAL CAMERA RECEIVING STATION												
Quantity	A	42	3	3	3	3						
Funding		6,820	442	454	511	535						
Other Costs		66,199	479	488	515	527						
Total P-1 Funding		82,265	1,415	1,453	1,507	1,573						

BUDGET ITEM JUSTIFICATION SHEET											DATE:	
P-40											February 2007	
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
Other Procurement, Navy							424400, AVIATION LIFE SUPPORT					
BA 3 - AVIATION SUPPORT EQUIPMENT							Other Related Program Elements					
Program Element for Code B Items:												
	Prior Years	ID Code	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity												
Cost (\$M)	\$330.9	A/B	\$37.8	\$15.5	\$12.8	\$18.1	\$21.0	\$35.4	\$48.2	\$43.2	Cont	Cont

DESCRIPTION:

This account provides for the acquisition, upgrade, and production support of aviation life support systems required for the personal safety and protection of aircrew against the hazards encountered in the aircraft operating environment and for safe recovery of downed aircrew.

NEW SURVIVAL RADIO - SY030

- Non-developmental acquisition to replace the PRC-90 and PRC-90-2 with a state of the art survival radio. This will be a non-combat radio to complement the PRQ-7 (Combat Survivor Evader Locator (CSEL) radio. Historically, the Navy has used the PRC-90 to complement the PRC-112, which the PRQ-7 will replace. Major off the shelf technology insertion will be the addition of Cosmicheskaya Sistema Poiska Avariynnykh (COSPAS) Search and Rescue Satellite Aided Tracking (SARSAT) 460 MHZ capability. The location of downed aircrew will now be known within 100 meters and 20 minutes of radio beacon activation thereby greatly reducing time to recover downed aircrew and increasing their probability of safe recovery. This purchase also includes a beacon which replaces the antiquated URT-33 ejection seat beacon used to signal when an aircrew has ejected from the aircraft and an adapter which, replaces the PRC-125, satisfying the peculiar mission of the in water rescue swimmer. This buy consists of three components: the AN/PRC-149 Radio, AN/URT-140 Radio Beacon, and the Swimmers Control Unit.

COMBAT SURVIVOR EVADER LOCATOR (CSEL) - SY060

- The CSEL Radio system provides U.S. combat forces with secure, encrypted, low probability of exploitation, two-way, over the horizon, near real time databurst communications with integral precise geopositioning; and non-secure, unencrypted line-of-site voice and beacon capability to support survival, evasion, and personnel recovery operations. This is a joint Program with the Air Force as lead. The User segment of the CSEL system is composed of a battery operated hand held radio (HHR) (AN/PRQ-7), a radio set adapter (RSA) (J-6431/PRQ-7), a GPS antenna and coupler, and a laptop CPU with software for loading the HHR (CSEL Planning Computer (CPC)). The HHR will weigh less than 32 ounces and is of comparable size to other portable SATCOM radios (8x3.5x1.75"). CSEL will require a key fill device and will have improved jam and spoofing resistance by incorporating the next-generation Selective Availability Anti-Spoofing Module (SAASM) GPS module. The HHR requires the "CSEL infrastructure" to be installed and operational, including the Ground segment's Joint Search and Rescue Center (JSRC) workstation/software and the Over-The-Horizon (OTH) segment's UHF Base Station (UBS), but can work autonomously in the line-of-sight voice or beacon modes.

JOINT SERVICE AIRCREW LOW ENERGY MULTIPLE WAVELENGTH ADVANCED LASER EYE PROTECTION VISOR (JALEPV) - SY085

- JALEPV has been designated as a ACAT IVM Program. The Navy is the lead service for this program. The JALEPV is being developed to provide day and limited night multiple wavelength, low energy protection to address the needs of fixed and rotary wing aircrew in a fixed multiple wavelength laser threat environment. The LEP (visor or spectacle or goggle format) is being developed for compatibility with current Army, and USN/USMC Aviation Life Support Equipment (ALSE) as well as cockpit displays, night vision, and fire control systems.

AIRCREW ENDURANCE - SY125 (Name changed from Non-Ejection Endurance)

The Aircrew Endurance program is comprised of a number of components to improve endurance in flights of longer duration: survival vests and body armor design, sizing, compatibility, durability and color improvements; hydration systems; mission extender devices to address physical waste needs; and improved universal camouflage to the MC coyote color schemes. These improvements will address issues associated with heat stress, physical fatigue, safety and loss of mobility on long duration missions.

MULTI-CLIMATE PROTECTION SYSTEMS (MCP) - SY146 (CONGRESSIONAL ADD FOR FY06 AND FY07)

- MCP is an abbreviated acquisition program intended to develop a modular protective clothing system which provides flame protection, thermal protection, and sufficient insulation while reducing heat stress and bulk commonly associated with cold weather clothing systems. Components of the system will be used for a wide range of temperatures and climate conditions.

NIGHT VISION GOGGLES WIDE FIELD OF VIEW (TACAIR) - SY213

-These Night Vision Devices (NVD) provide U.S. Navy personnel with a helmet mounted wide field of view night vision system that improves in the AN/AVS-9 by providing a fully overlapped binocular field of view of approximately 100 degrees by 40 degrees. The system is battery powered and amplifies ambient light sources, increasing visual acuity at night. The system incorporates high gain, high resolution image intensifier assembly, an objective lens with a leaky green filter that enables the fixed wing pilot to view the head-up display while wearing the system. The system is fully adjustable by the operator and is detachable from the helmet.

NIGHT VISION GOGGLES WIDE FIELD OF VIEW (ROTARY) - SY214

- These Night Vision Devices (NVD) provide U.S. Navy personnel with a helmet mounted wide field of view night vision system that improves on the AN/AVS-9 by providing a fully overlapped binocular field of view of approximately 100 degrees by 40 degrees. The system is battery powered and amplifies ambient light sources, increasing visual acuity at night. The system incorporates high gain, high resolution image intensifier assembly. The system is fully adjustable by the operator and is detachable from the helmet.

BUDGET ITEM JUSTIFICATION SHEET											DATE:		
P-40											February 2007		
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE						
Other Procurement, Navy							424400, AVIATION LIFE SUPPORT						
BA 3 - AVIATION SUPPORT EQUIPMENT							Other Related Program Elements						
Program Element for Code B Items:													
	Prior Years	ID Code	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Quantity													
Cost (\$M)	\$330.9	A/B	\$37.8	\$15.5	\$12.8	\$18.1	\$21.0	\$35.4	\$48.2	\$43.2	Cont	Cont	

JOINT HELMET MOUNTED CUEING SYSTEM (JHMCS) NIGHT VISION INTEGRATION - SY215

- This system will provide aircraft equipped with the Joint Helmet Mounted Cueing System (JHMCS) the ability to cue and display weapons and sensors at night using a narrow field of view Night Vision Device that integrates the JHMCS cueing and display symbology. The system will be compatible with the current JHMCS helmet and will use the power and data provided by the JHMCS Universal Connector on the helmet. The System includes a high resolution image intensifier assembly, a camera to record the pilot's visual scene and display assembly that combines the JHMCS symbology and the scene viewed through the NVD. It also has an objective lens with a leaky green filter that enables the fixed wing pilot to view the head-up display while wearing the system. The system is fully adjustable by the operator and is detachable from the helmet.

ANV-6 MONOCULAR CONVERSION - SY216

Survival Night Vision Scopes (SNVS), Model F6015S, are made by reutilizing the the optics (eyepiece and objective lens assemblies) and image tubes from AN/AVS-6 Night Vision Goggles (NVG's) turned in by the fleet and a kit which consists of a housing with an infrared LED, lens caps and neck lanyard. Two SNVS systems are made from one AN/AVS-6 NVG. The SNVS will provide night vision capability for survival, escape and evasion for TACAIR and rotary-wing operators as NVG's are designed to break-away during emergency egress.

FLIGHT DECK CRANIAL - SY505

A lightweight head protection device that incorporates state of the art advancements in hearing protection, speech intelligibility, provides impact protection, is compatible with Night Vision Devices, Chemical Biological Radiological clothing and necessary eye protection. It has improved maintainability and durability that is comfortable to wear for long periods of time, easily cleaned, fits the 5th to 95th percentile population and is not a Foreign Object Damage (FOD) source. In addition, it must interface with existing and planned flight deck communications systems.

JOINT WATER ACTIVATED RELEASE SYSTEM (JWARS) - SY700 (CONGRESSIONAL ADD FOR FY06)

JWARS is an improved parachute release fitting which separates the aircrew from the parachute automatically upon contact with the water. The current generation of release fittings will be replaced with smaller, lighter fittings which contain a built in test function. JWARS will provide both performance and Life Cycle Cost benefits over the current generation of release fittings.

MASK BREATHING UNIT (MBU-23/P) OXYGEN MASKS - SY710 (CONGRESSIONAL ADD FOR FY06 AND FY07)

- The MBU-23/P Oxygen Mask and Microphone (MIC) are designed for use in US Navy tactical aircraft for both Pressure Breathing for Gravity (PBG) and Non-PBG applications. The MBU-23/P Mask provide +600 knot windblast protection. The MIC provides improved communications and personnel fitting capability.

RI-2200 LONG ARM HIGH INTENSITY SEARCHLIGHTS - SY730 (CONGRESSIONAL ADD FOR FY07)

- The RI-200 is a high intensity, hand held searchlight with the capability of using an Infra-Red lens.

JOINT TECHNICAL DATA INTEGRATION/AUTOMATED MAINTENANCE EQUIPMENT (JTDI/AME) - SY900 (CONGRESSIONAL ADD FOR FY06)

- The Joint Tactical Data Integration (JTDI)/Automated Maintenance Environment (AME) program procures enhancements to Delivery Management System software, Joint Knowledge Caching Server (JKCS) software, Joint Knowledge Update (JK Update) software and hardware refresh to previously deployed demonstration sites.

WEAPONS SYSTEM COST ANALYSIS		Weapon System										DATE:				
P5												February 2007				
APPROPRIATION/BUDGET ACTIVITY										ID Code		P-1 ITEM NOMENCLATURE				
OTHER PROCUREMENT, NAVY BA 3 - AVIATION SUPPORT EQUIPMENT										A/B		424400, AVIATION LIFE SUPPORT				
Cost Code	Element of Cost	ID Code	Dollars in Thousands													
			Prior Years		FY 2006		FY 2007			FY 2008			FY 2009			
			Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	
SY030	SURVIVAL RADIO	A	38,359	3,977	2,537	10,088										
SY060	CSEL	A	26,805	1,313	9,796	12,862	299	10,035	3,000	516	10,034	5,178	235	10,889	2,559	
SY085	JALEPV	A	5,001	190	5,499	1,045	116	5,499	638				109	5,499	599	
SY125	AIRCREW ENDURANCE	B											131	4,385	574	
SY146	MULTI-CLIMATE PROTECTION SYSTEM	A	5,425	1,402	1,574	2,207	576	1.6	922	662	1,574	1,042	662	1,574	1,042	
SY213	NVG WIDE FIELD OF VIEW (TACTICAL)	B														
SY214	NVG WIDE FIELD OF VIEW (ROTARY)	B														
SY215	JHMCS NIGHT VISION INTEGRATION	B								61	49,999	3,050	148	49,999	7,400	
SY216	SURVIVAL NIGHT VISION SCOPES (SNVS)	B											5,064	.415	2,101	
SY505	FLIGHT DECK CRANIAL	B														
SY700	JOINT WATER ACTIVATED RELEASE SYSTEM (JWARS)	A		1,037	2,502	2,595										
SY710	MBU-23/P OXYGEN MASKS	A	4,202	916	2,551	2,337	2,330	1,171	2,729							
SY730	RI-2200 LONG ARM HIGH INTENSITY SEARCHLIGHTS	A					800	1.75	1,400							
SY830	PRODUCTION SUPPORT SERVICES		239,323			4,631			6,772			3,481			3,818	
SY900	JTDI/AME	A	11,809	1	2,000	2,000										
			330,924			37,764			15,461			12,750			18,093	

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		A. DATE February 2007			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD		
OTHER PROCUREMENT, NAVY /			BA 3 - AVIATION SUPPORT EQUIPMENT			424400, AVIATION LIFE SUPPORT				43SY	
Cost Element/FiscalYear	Qty	Unit Cost (000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available	
SY030 SURVIVAL RADIO											
2006	3977	2.537	NAVAIR	04/2002	C-FFP	TADIRAN SPECTRALINK LTD, Holon,	12/2005	04/2006			
SY060 CSEL											
2006	1313	9.796	AFMS/SMC	N/A	C-FFP	THE BOEING COMPANY, ANAHEIM, CA	07/2006	05/2007			
2007	299	10.035	AFMS/SMC	N/A	C-FFP	THE BOEING COMPANY, ANAHEIM, CA	03/2007	01/2008			
2008	516	10.034	AFMS/SMC	N/A	C-IDIQ	THE BOEING COMPANY, ANAHEIM, CA	03/2008	01/2009			
2009	235	10.889	AFMS/SMC	N/A	C-IDIQ	THE BOEING COMPANY, ANAHEIM, CA	03/2009	01/2010			
SY085 JALEPV											
2006	190	5.499	NAWCADPAX	07/2005	C-FFP	HOLOGRAPHIC OPTICS INC, MILLWOOD, NY	08/2006	12/2006			
2007	116	5.499	NAWCADPAX	07/2005	C-FFP	TBD	01/2007	04/2007			
2009	109	5.499	NAWCADPAX	07/2005	C-FFP	TBD	01/2009	04/2009			
SY125 AIRCREW ENDURANCE											
2009	131	4.385	NAWCADPAX	N/A	C-FFP	TBD	03/2009	09/2009			
SY146 MULTI-CLIMATE PROTECTION SYSTEM											
2006	1402	1.574	NAWCADPAX	N/A	SS-FFP	PECKHAM VOC IND INC, LANSING MI	07/2006	08/2006			
2007	576	1.6	NAWCADPAX	N/A	SS-FFP	PECKHAM VOC IND INC, LANSING MI	07/2007	08/2007			
2008	662	1.574	NAWCADPAX	N/A	SS-FFP	PECKHAM VOC IND INC, LANSING MI	02/2008	08/2008			
2009	662	1.574	NAWCADPAX	N/A	SS-FFP	PECKHAM VOC IND INC, LANSING MI	02/2009	08/2009			
SY215 JHMCS NIGHT VISION INTEGRATION											
2008	61	49.999	NAVAIR	N/A	C-FFP	TBD	02/2008	08/2008			
2009	148	49.999	NAVAIR	N/A	C-FFP	TBD	02/2009	08/2009			
SY216 SURVIVAL NIGHT VISION SCOPES (SNVS)											
2009	5064	.415	NAVAIR	N/A	C-FFP	TBD	01/2009	04/2009			
SY700 JOINT WATER ACTIVATED RELEASE SYSTEM (JWARS)											
2006	1037	2.502	NAVAIR	N/A	C-FFP	CONAX FLORIDA CORPORATION, SAINT PETERSBURG, FL	01/2007	07/2007			
SY710 MBU-23/P OXYGEN MASKS											
2006	916	2.551	NAVAIR	N/A	C-FFP	GENTEX CORP, RANCHO CUCAMONGA,CA	05/2006	06/2007			
2007	2330	1.171	NAVAIR	N/A	C-FFP	GENTEX CORP, RANCHO CUCAMONGA,CA	05/2007	06/2008			
SY730 RI-2200 LONG ARM HIGH INTENSITY SEARCHLIGHTS											
2007	800	1.75	NAWCADPAX	N/A	SS-FFP	REVA INC, NEWARK, NJ	08/2007	12/2007			
SY900 JTDI/AME											
2006	1	75.	OTHER	N/A	MIPR	AMSAM, REDSTONE ARSENAL, AL	05/2006	07/2006			
2006	1	1,925.	NAVICPMECH	N/A	C-IDIQ	INTERGRAPH CORP, HUNTSVILLE,AL	06/2006	08/2006			

REMARKS:

CLASSIFICATION:		UNCLASSIFIED											
Exhibit P-40, BUDGET ITEM JUSTIFICATION											DATE February 2007		
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/BA 3						P-1 LINE ITEM NOMENCLATURE AIRBORNE MINE COUNTERMEASURES SUBHEAD NO. 73S0 BLIN: 4248							
Program Element for Code B Items 0604373N						Other Related Program Elements 0204302N							
	Prior Years	ID Code		FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total
Quantity				0	0	0	0	0	0	0	0	0	0
COST (In Millions)		B		40.0	78.4	79.5	60.0	82.9	64.4	47.4	28.9	CONT	481.5
SPARES COST (In Millions)				6.8	2.2	1.7	2.2	1.6	1.2	0.0	0.0	CONT	15.7
PROGRAM DESCRIPTION/JUSTIFICATION: Airborne Mine Countermeasures (AMCM) Equipment is currently used by MH-53E helicopters to counter the threat of sea mines. The MH-60S helicopter will be adapted for the AMCM mission in support of the development of an Organic Fleet AMCM program. The equipment is divided into two broad categories -- minesweeping and minehunting. (1) Minesweeping is performed by mechanical or influence sweeps. In mechanical sweeping, the mine mooring is severed by the sweep gear allowing the mine to float to the surface where it is destroyed. In influence sweeping, a magnetic or acoustic field which simulates the magnetic/acoustic signature of a ship is introduced into the water. This field causes the mine mechanism to actuate. (2) In mine hunting, the object is to actually locate and classify mine-like objects (usually by means of high resolution sonar) and mark or neutralize mines using explosive devices. AMCM squadrons currently have mechanical, magnetic, and acoustic sweeping capabilities, and mine surveillance and marking capabilities. Their mission is to locate, classify and neutralize moored and bottom mines.													
S0020 Funds provided are for the modification and product improvements of systems to accommodate replacement of subsystems/components because of obsolescence. ECP's are analyzed, prioritized and screened to accommodate replacement of subsystems/components. Funding for this effort is designated in all fiscal years.													
S0065 Airborne Mine Neutralization System (AMNS) is an expendable remote controlled neutralizer vehicle deployed from the helicopter platform to reacquire, identify, and neutralize moored or proud bottom sea mines. FY 2007-2009 procurement supports the MH-60S platform.													

CLASSIFICATION:		UNCLASSIFIED				
Exhibit P-40, BUDGET ITEM JUSTIFICATION (CONTINUATION)					DATE February 2007	
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/BA 3				P-1 LINE ITEM NOMENCLATURE AIRBORNE MINE COUNTERMEASURES SUBHEAD NO. 73S0 BLIN: 4248		
	DT	OT	TDP	PDM		
AMNS (MH-60S) PE#0604373N	4Q/07-3Q/08	4Q/08	3Q/08	3Q/07		
PDM based on Alternate Platform Testing (CT/DT) on MH-53E Helicopter and CT on MH-60S Helicopter						
S0074						
AN/AQS-20A (AN/AQS-20/X) includes a sonar for mine detection, classification and identification. The Navy does not possess a capability to conduct high speed minefield reconnaissance to determine mine density and location. The AN/AQS-20A will be procured to address the emergent requirements for mine identification and to integrate AMCM systems with a MH-60S platform and the Remote Mine Hunting System (RMS).						
S0075						
Airborne Laser Mine Detection System (ALMDS), AN/AES-1 is a light detection and ranging (LIDAR) system for rapid detection, classification, and localization of floating and near surface mines. It will be deployed on the MH-60S helicopter as part of the OAMCM suite of systems.						
S0076 - OASIS						
Organic Airborne and Surface Influence Sweep (OASIS) will provide a self-contained, high speed, multi-function mine sweep capability, towed by the MH-60S helicopter or potential surface craft. Procurement funding supports Low Rate Initial Production (LRIP) in FY 2007 and full rate production beginning in FY09.						
	DT	OT	TDP	PDM		
OASIS PE#0604373N	4Q/07-2Q/08	3Q/08	3Q/08	3Q/07		
S0090						
OPMA - Organic Post Mission Analysis will provide common PMA software for all five OAMCM systems. Software will be installed on the existing LCS computer. Ruggedized portable OPMA computers will be procured for ship-of-opportunity deployments, land-basing and training.						
S0091						
Surface Navy Integrated Undersea Tactical Technology (SNIUTT) will be integrated with an AN/SQQ-32, AN/AQS-14, AN/AQS-24 and AN/AQS-20A sensor training module for a LAN-based Surface Network Embedded Analysis and Tactical Trainer (SNEATT).						

CLASSIFICATION:			UNCLASSIFIED														
EXHIBIT P-5 COST ANALYSIS							Weapon System					DATE February 2007					
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/BA 3							ID Code	P-1 LINE ITEM NOMENCLATURE AIRBORNE MINE COUNTERMEASURES SUBHEAD NO. 73S0									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS														
			Prior Years	FY 2006		FY 2007			FY 2008			FY 2009					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
	<u>EQUIPMENT</u>																
S0091	<u>SNUITT</u> SNUITT		0	0	0.0	0	0	0.0	0	0	0.0	120	0	0.0	120		
S0020	MODIFICATION	A	0	0	0.0	7,590	0	0.0	6,521	0	0.0	6,629	0	0.0	9,080		
S0065	<u>UNIT COST - AMNS</u>																
	NON-RECURRING ENGINEERING		0	0	0.0	0	0	0.0	265	0	0.0	0	0	0.0	0		
	SUPPORT EQUIPMENT		0	0	0.0	0	0	0.0	64	0	0.0	61	0	0.0	238		
	ILS/PUBS/TECH DATA		0	0	0.0	0	0	0.0	140	0	0.0	136	0	0.0	544		
	TRAINING EQUIPMENT		0	0	0.0	0	0	0.0	0	0	0.0	3,807	0	0.0	505		
	PRODUCTION ENGINEERING		0	0	0.0	0	0	0.0	109	0	0.0	107	0	0.0	422		
	CONSULTING SERVICES		0	0	0.0	0	0	0.0	85	0	0.0	83	0	0.0	332		
	AMNS	B	0	0	0.0	0	2	1,909.0	3,818	2	1,876.0	3,752	8	1,842.0	14,736		
S0074	<u>UNIT COST - AQS-20A</u>																
	EOID KIT		0	0	0.0	0	5	1,271.0	6,355	0	0.0	0	0	0.0	0		
	NON-RECURRING ENGINEERING		0	0	0.0	976	0	0.0	948	0	0.0	967	0	0.0	373		
	SUPPORT EQUIPMENT		0	0	0.0	504	0	0.0	567	0	0.0	578	0	0.0	300		
	ILS/PUBS/TECH/DATA		0	0	0.0	456	0	0.0	524	0	0.0	534	0	0.0	374		
	TRAINING EQUIPMENT		0	0	0.0	525	0	0.0	4,655	0	0.0	2,992	0	0.0	344		
	PRODUCTION EQUIPMENT		0	0	0.0	498	0	0.0	561	0	0.0	572	0	0.0	371		
	CONSULTING SERVICES		0	0	0.0	620	0	0.0	372	0	0.0	379	0	0.0	330		
	PRODUCTION ECP (HW/SW)		0	0	0.0	1,664	0	0.0	3,044	0	0.0	2,424	0	0.0	200		
	AN/AQS-20A	A	0	3	7,120.0	21,360	5	5,773.0	28,865	6	6,129.0	36,774	2	6,354.0	12,708		

CLASSIFICATION:			UNCLASSIFIED												
EXHIBIT P-5 COST ANALYSIS (CONTINUATION)						Weapon System						DATE			
APPROPRIATION/BUDGET ACTIVITY						ID Code		P-1 LINE ITEM NOMENCLATURE							
OTHER PROCUREMENT, NAVY/BA 3								AIRBORNE MINE COUNTERMEASURES							
								SUBHEAD NO. 73S0							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2006		FY 2007			FY 2008			FY 2009			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
S0075	UNIT COST - ALMDS														
	PRODUCTION ECP (HW/SW)		0	0	0.0	5,800	0	0.0	6,272	0	0.0	5,178	0	0.0	1,037
	SUPPORT EQUIPMENT		0	0	0.0	0	0	0.0	1,624	0	0.0	324	0	0.0	0
	ILS/PUBS/TECH DATA		0	0	0.0	0	0	0.0	836	0	0.0	492	0	0.0	0
	TRAINING EQUIPMENT		0	0	0.0	0	0	0.0	2,460	0	0.0	2,566	0	0.0	0
	PRODUCTION ENGINEERING		0	0	0.0	0	0	0.0	0	0	0.0	720	0	0.0	216
	CONSULTING SERVICES		0	0	0.0	0	0	0.0	0	0	0.0	196	0	0.0	700
	ALMDS		0	0	0.0	0	0	0.0	0	2	3,762.0	7,524	0	0.0	0
S0076	UNIT COST - OASIS														
	OASIS		0	0	0.0	0	2	2,455.0	4,910	0	0.0	0	6	1,965.0	11,790
	NON-RECURRING ENGINEERING		0	0	0.0	0	0	0.0	1,479	0	0.0	0	0	0.0	0
	ENGINEERING CHANGE PROPOSALS		0	0	0.0	0	0	0.0	148	0	0.0	0	0	0.0	490
	ILS/PUBS/TECH DATA		0	0	0.0	0	0	0.0	303	0	0.0	0	0	0.0	469
	TRAINING EQUIPMENT		0	0	0.0	0	0	0.0	2,913	0	0.0	0	0	0.0	205
	PRODUCTION ENGINEERING		0	0	0.0	0	0	0.0	394	0	0.0	0	0	0.0	763
	CONSULTING SERVICES		0	0	0.0	0	0	0.0	179	0	0.0	0	0	0.0	292
ORCA		0	0	0.0	0	0	0.0	0	2	1,182.5	2,365	3	933.3	2,800	
S0090	UNIT COST - OPMA														
	OPMA		0	0	0.0	0	0	0.0	0	0	0.0	256	0	0.0	256
	TOTAL EQUIPMENT		0			39,993			78,411			79,536			59,995
TOTAL			0			39,993			78,411			79,536			59,995

CLASSIFICATION:		UNCLASSIFIED									
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING					Weapon System				DATE February 2007		
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/BA 3					P-1 LINE ITEM NOMENCLATURE AIRBORNE MINE COUNTERMEASURES BLIN: 4248				SUBHEAD 73S0		
COST ELEMENT FISCAL YEAR	Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAILABLE NOW	DATE REVISIONS AVAILABLE	
FY 2006											
S0074 UNIT COST - AQS-20A AN/AQS-20A	3	7,120.0	NAVSEA	N/A	OPTION	RAYTHEON, PORTSMOUTH, RI	MAR-06	NOV-07	YES		
FY 2007											
S0065 UNIT COST - AMNS AMNS	2	1,909.0	NAVSEA/NSWC PC	OCT-06	OPTION/SS/FP	RAYTHEON/BAE SYSTEMS	JUN-07	JUN-08			
S0074 UNIT COST - AQS-20A EIOD KIT	5	1,271.0	NAVSEA	N/A	OPTION	RAYTHEON, PORTSMOUTH, RI	JUN-07	DEC-08	YES		
AN/AQS-20A	5	5,773.0	NAVSEA	N/A	OPTION	RAYTHEON, PORTSMOUTH, RI	JUN-07	DEC-08	YES		
S0076 UNIT COST - OASIS OASIS	2	2,455.0	NAVSEA	N/A	OPTION	EDO, NORTH AMITYVILLE, NY	MAR-07	AUG-08	YES		
FY 2008											
S0065 UNIT COST - AMNS AMNS	2	1,876.0	NAVSEA/NSWC PC	FEB-07	OPTION/SS/FP	RAYTHEON/BAE SYSTEMS	OCT-07	OCT-08			
S0074 UNIT COST - AQS-20A AN/AQS-20A	6	6,129.0	NAVSEA	JUN-07	C/FP	UNKNOWN	MAY-08	OCT-09			
S0075 UNIT COST - ALMDS ALMDS	2	3,762.0	NSWC PC	JUN-07	OPTION	NG, MELBOURNE FL	JUN-08	OCT-09			
S0076 UNIT COST - OASIS ORCA	2	1,182.5	NSWC, PC FLORIDA	OCT-07	TBD	EDO, NORTH AMITYVILLE, NY	NOV-07	MAY-08			
FY 2009											
S0065 UNIT COST - AMNS AMNS	8	1,842.0	NAVSEA/NSWC PC	FEB-08	SS/FP	RAYTHEON/BAE SYSTEMS	OCT-08	OCT-09			
S0074 UNIT COST - AQS-20A AN/AQS-20A	2	6,354.0	NAVSEA	N/A	OPTION	UNKNOWN	MAY-09	OCT-10	YES		

CLASSIFICATION:		UNCLASSIFIED								
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING (CONTINUATION)					Weapon System				DATE February 2007	
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/BA 3					P-1 LINE ITEM NOMENCLATURE AIRBORNE MINE COUNTERMEASURES BLIN: 4248				SUBHEAD 73S0	
COST ELEMENT FISCAL YEAR	Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAILABLE NOW	DATE REVISIONS AVAILABLE
S0076 UNIT COST - OASIS										
OASIS	6	1,965.0	NAVSEA	N/A	OPTION	EDO, NORTH AMITYVILLE, NY	OCT-08	JAN-10		
ORCA	3	933.3	NSWC PC, FLORIDA	N/A	OPTION	EDO. NORTH AMITYVILLE, NY	OCT-08	MAY-09		

CLASSIFICATION:		UNCLASSIFIED																															
EXHIBIT P-21, PRODUCTION SCHEDULE																	DATE: February 2007																
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/BA 3														Weapon System					P-1 LINE ITEM NOMENCLATURE AIRBORNE MINE COUNTERMEASURES BLI: 4248														
						Production Rate			Procurement Leadtimes																								
Item		Manufacturer's Name and Location				MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																			
AMNS		RAYTHEON/BAE SYSTEMS,				2	10	18	5	9	12	12	21	E																			
ITEM		F Y	S C	Q Y	D L	B L	FISCAL YEAR 2010											FISCAL YEAR 2011									B A L						
							CY 2009			CALENDAR YEAR 2010								CALENDAR YEAR 2011															
							O T	N V	D C	J N	F E	M A	A P	A R	M R	J Y	J N	A L	S G	O P	N T	D V	J C	F O	M E	A A		M P	J A	J U	A U	S E	
AMNS		2009	N	8	0	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
ITEM		F Y	S C	Q Y	D L	B L	FISCAL YEAR 2012											FISCAL YEAR 2013									B A L						
							CY 2011			CALENDAR YEAR 2012								CALENDAR YEAR 2013															
							O T	N V	D C	J N	F E	M A	A P	A R	M R	J Y	J N	A L	S G	O P	N T	D V	J C	F O	M E	A A		M P	J A	J U	A U	S E	
Remarks:																																	

CLASSIFICATION:		UNCLASSIFIED																											
EXHIBIT P-21, PRODUCTION SCHEDULE																	DATE: February 2007												
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/BA 3														Weapon System					P-1 LINE ITEM NOMENCLATURE AIRBORNE MINE COUNTERMEASURES BLI: 4248										
						Production Rate			Procurement Leadtimes																				
Item		Manufacturer's Name and Location				MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure															
ALMDS		NG, MELBOURNE, FL				3	10	12	4	8	16	16	24	E															
ITEM		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010											FISCAL YEAR 2011									B A L		
							CY 2009			CALENDAR YEAR 2010								CALENDAR YEAR 2011											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L
ALMDS		2008	N	2	0	2	2																						0
ITEM		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2012											FISCAL YEAR 2013									B A L		
							CY 2011			CALENDAR YEAR 2012								CALENDAR YEAR 2013											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L
Remarks:																													

BUDGET ITEM JUSTIFICATION SHEET											DATE:	
P-40											February 2007	
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
Other Procurement, Navy							425500, LAMPS MK III SHIPBOARD EQUIPMENT					
BA 3 - AVIATION SUPPORT EQUIPMENT												
Program Element for Code B Items:							Other Related Program Elements					
0604216N							0204243N					
	Prior Years	ID Code	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity		B			10	14	12	12	12	12	30	102
Cost (\$M)	\$46.0	B	\$19.6	\$15.8	\$31.8	\$36.6	\$24.6	\$21.8	\$22.1	\$22.6	\$67.3	\$308.2

DESCRIPTION:

This program provides for non-recurring engineering and procurement of AN/SRQ-4(Ku) field install kits. This system encompasses hardware and software to transmit sensor data from the Light Airborne Multi-Purpose System (LAMPS) MK III aircraft to the host ship classes of cruisers, destroyers, frigates, carriers, and Littoral Combat Ship (LCS).

Basis for Request: The FY08 request funds the procurement of 10 AN/SRQ-4(Ku) ship units and associated support to meet the MH-60R fleet deployment schedule.

WEAPONS SYSTEM COST ANALYSIS P5			Weapon System										DATE: February 2007				
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY BA 3 - AVIATION SUPPORT EQUIPMENT										ID Code B		P-1 ITEM NOMENCLATURE 425500, LAMPS MK III SHIPBOARD EQUIPMENT					
Cost Code	Element of Cost	ID Code	Dollars in Thousands														
			Prior Years		FY 2006		FY 2007			FY 2008			FY 2009				
			Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost		
S1010	SRQ(KU)4	B									10	1,796.3	17,963	14	1,452.5	20,335	
S1200	GFE	B				1,200						252				258	
S1600	EQUIPMENT/NONRECURRING	B	11,855			16,040			6,368								
S1700	SUPPORT EQUIPMENT	B	635									1,061				1,082	
S1800	INTEGRATED LOGISTICS SUPPORT	B	1,834					3,214				2,910				505	
S1830	PRODUCTION ENGINEERING	B	31,236			2,348			5,716			8,575				14,022	
S1860	ACCEPTANCE, TEST & EVALUATION	B	425					507				1,050				408	
S1910	INSTALLATION - FMP	B															
			45,985			19,588			15,805			31,811				36,610	

FY06 Congressional Add of \$1.436M is split between GFE and Production Engineering.
 Production engineering includes \$5.0M in FY08 for obsolescence and \$10.4M in FY09 for obsolescence and correction of deficiencies prior to fleet release.

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2007			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD	
OTHER PROCUREMENT, NAVY / BA 3 - AVIATION SUPPORT EQUIPMENT					425500, LAMPS MK III SHIPBOARD EQUIPMENT					U3S1	
Cost Element/FiscalYear	Qty	Unit Cost (000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available	
S1010 SRQ(KU)4											
	2008	10	1,796.3	NAVAIR	09/2007	C-FFP	HARRIS CORPORATION, PALM BAY, FL	03/2008	03/2010		
	2009	14	1,452.5	NAVAIR	09/2008	C-FFP	HARRIS CORPORATION, PALM BAY, FL	03/2009	10/2010		

REMARKS:

Exhibit P-3a

MODELS OF SYSTEMS AFFECTED: LAMPS MK III TYPE MODIFICATION: Modification required by frequency spectrum change. MODIFICATION TITLE: S1010 - SRQ(KU)4

DESCRIPTION / JUSTIFICATION:

This program provides for NRE and procurement of AN/SRQ-4(Ku) field install kits. This system encompasses hardware and software to transmit sensor data from the Light Airborne Multi-Purpose System (LAMPS) MK III aircraft to the host ship classes of cruisers, destroyers, and frigates. PCO is NAVAIR. Contractor is Harris Corp. Palm Bay, FL.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: The MH-60R aircraft completed Milestone III in March 2006. Procurement of AN/SRQ-4(Ku) Kits will commence in March 2008.

Financial Plan (in Millions)	PRIOR YEARS		FY 2006		FY 2007		FY 2008		FY 2009	
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$
RDT&E										
PROCUREMENT										
INSTALLATION KITS INSTALLATION KITS NONRECURRING							10	17.963	14	20.335
EQUIPMENT EQUIPMENT NONRECURRING		11.855		16.040		6.368				
ENGINEERING CHANGE ORDERS										
DATA										
TRAINING EQUIPMENT										
SUPPORT EQUIPMENT		0.635						1.061		1.082
ILS PRODUCTION ENGINEERING		1.834				3.214		2.910		0.505
QUALITY ASSURANCE ACCEPTANCE TEST & EVALUATION		31.236		2.348		5.716		8.575		14.022
		0.425				0.507		1.050		0.408
GFE INTERIM CONTRACTOR SUPPORT				1.200				0.252		0.258
INSTALL COST										
TOTAL PROCUREMENT		45.985		19.588		15.805		31.811		36.610

Production Engineering includes \$5.0M in FY08 for obsolescence and \$10.4M in FY09 for obsolescence and correction of deficiencies prior to fleet release.

MODELS OF SYSTEMS AFFECTED: LAMPS MK III

MODIFICATION TITLE: S1010 - SRQ(KU)4

INSTALLATION INFORMATION:

METHOD OF IMPLEMENTATION: NAWCAD St. Inigoes installation team

ADMINISTRATIVE LEADTIME: 6 Months

PRODUCTION LEADTIME: 24 Months

CONTRACT DATES: FY 2006 _____

FY 2007 _____

FY 2008 Mar-08

FY 2009 Mar-09

DELIVERY DATE: FY 2006 _____

FY 2007 _____

FY 2008 Mar-10

FY 2009 Oct-10

(\$ in Millions)

Cost:	PRIOR YEARS		FY 2006		FY 2007		FY 2008		FY 2009		FY 2010		FY 2011									
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$								
PRIOR YEARS EQUIPMENT																						
FY 2006 EQUIPMENT																						
FY 2007 EQUIPMENT																						
FY 2008 EQUIPMENT											10	1,415										
FY 2009 EQUIPMENT													14	2,245								
FY 2010 EQUIPMENT																						
FY 2011 EQUIPMENT																						
FY 2012 EQUIPMENT																						
FY 2013 EQUIPMENT																						
TO COMPLETE EQUIPMENT																						
TOTAL		0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	1,415	14	2,245							

Installation Schedule

	PRIOR YEARS	FY 2006				FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		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																		2	4	4	3	5	3	3	
Out																		2	4	4	3	5	3	3	

FY 06/07 OSD BUDGET PRODUCTION SCHEDULE, P-21						DATE		February 2007																							
APPROPRIATION/BUDGET ACTIVITY						Weapon System		P-1 ITEM NOMENCLATURE																							
OTHER PROCUREMENT, NAVY						Production Rate			Procurement Leadtimes																						
Item	Manufacturer's Name and Location					MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																	
SRQ(Ku)4	Harris Corporation					5	25	42		6	24	18	24	E																	
						FISCAL YEAR 2006						FISCAL YEAR 2007																			
ITEM / MANUFACTURER						F Y	S V C	Q T Y	D E L	B A L	2005					CALENDAR YEAR 2006					CALENDAR YEAR 2007					B A L					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

BUDGET ITEM JUSTIFICATION SHEET											DATE:	
P-40											February 2007	
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
Other Procurement, Navy BA 3 - AVIATION SUPPORT EQUIPMENT							426500, OTHER AVIATION SUPPORT EQUIPMENT					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity												
Cost (\$M)	\$110.7	A	\$11.4	\$12.6	\$11.6	\$16.3	\$14.4	\$12.0	\$17.7	\$14.6	Cont	Cont

DESCRIPTION: Decision Knowledge Programming for Logistics Analysis and Technical Evaluation (DECKPLATE) (S7039):
 Decision Knowledge Programming for Logistics Analysis and Technical Evaluation (DECKPLATE) is the next generation of NALDA and will interface with Navy ERP as the Naval Aviation Business Warehouse. It provides the technological improvements and process streamlining required to enable a cost wise transition from the NALDA program to the capabilities required in Joint Vision 2020 and the Naval Transformation Road Map. DECKPLATE is a COTS intensive system under which numerous stovepipe legacy systems will migrate to create an integrated data environment through the use of Data Warehouse tools and concepts in support of Naval aviation logistics needs. This is being accomplished by upgrading current Naval Aviation logistics reporting mechanisms through the procurement and installation of a fully-licensed, warranted, secure, standardized, commercial off the shelf (COTS), user-friendly, web-based relational database environment. Additionally, Life-Cycle Management (LCM) dollar resource requirements have been identified for hardware, software and process technology upgrades (refreshment), which have also been incorporated above. Funding is required to procure the necessary hardware, networking, systems, applications software, infrastructure, and associated engineering and installation support.

Naval Aviation Logistics Data Analysis (NALDA) (S7040):
 Naval Aviation Logistics Data Analysis (NALDA) is the single authoritative source for Navy and Marine Corps aviation maintenance and logistics data in an automated information system (AIS). It provides life cycle logistics and operational weapons systems readiness data and the tools to support analyses of this data. NALDA data and tools achieve more affordable readiness, eliminate redundant logistics information systems, improve aircraft configuration management and safety of flight, and improve aircraft inventory and life extension management needed to permit recapitalization and modernization.

Naval Aviation Logistics Data Analysis/Naval Aviation Logistics Command Management Information System (NALDA/NALCOMIS) (S7041):
 As Optimized Organization Maintenance Activity (OOMA) and Optimized Intermediate Maintenance Activity (OIMA) approach full implementation, NALDA NALCOMIS (also identified as Naval Fleet Server Array (NFSA)) is responsible for implementation of Mid Tier Servers at 75+ sites both shipboard and shore based. These Mid Tier Servers replicate data from the Organization and Intermediate level maintenance activities to the NALDA Upline processing center to provide near-real time data to decision makers at all levels. The Mid Tier also allows data to be pushed from Headquarters activities to the fleet to support maintenance activities.

Joint Aviation Technical Data Integration (JATDI) (S7042):
 Funding supports the requirement to procure JATDI for installation on all Carrier (CV) and Amphibious Assault (L) class ships and up to 104 Navy/Marine Corp aviation activities. JATDI is a digital technical data access, delivery and local O&I level library management toolset and telemaintenance collaboration process enabler. It improves accuracy and timeliness of technical manual and other technical data delivery and minimizes the Fleet's library management burden. JATDI reduces maintenance manhours with savings Return on Investment (ROI) of 2.5:1 and savings/avoidance ROI of 9.5:1. It facilitates the transition of the Joint Distance Support and Response (JDSR) Advanced Concept Technology Demonstration (ACTD) for telemaintenance and provides for process efficiencies to support ongoing Aviation Fleet Technical Representative reductions.

Autonomic Logistics Information System (ALIS) Ship Integration - CVN and LHD (S7044):
 Autonomic Logistics Information System (ALIS) Ship Integration - CVN and LHD (S9999): ALIS controls all aspects of aircraft mission planning, maintenance, logistics, and supply functions. ALIS Ship Integration efforts will ensure the ship modification and classified/unclassified network integration, as well as installing related equipment, conducting security accreditation, and verifying system operations. Funding supports the integration with Shipboard Command, Control, Communications and Control, Intelligence (C4I) Networks on CVNs and LHDs to support ALIS installation and Prognostic Health Management (PHM) downlink. Funding will be used to install JSF computer hardware at the appropriate security levels, providing Navy's Local Area Networks/Wide Area Network (LAN/WAN) networks ability to transfer critical time sensitive data for JSF in support of aircraft logistics, mission planning, execution and debriefing.

NAVAIR Depot Maintenance Operations Unique ID (UID) (S7045):
 This Congressional Add effort is to deploy required Automatic Identification Technology (AIT) for operation and application in the harsh environments of Naval Aviation Organic Depots. This capability will ensure Naval Aviation Depots can comply with OSD AT&L UID mandate for DoD depots full operating capability in support of UID requirements. This effort is to evaluate and modify as required Automatic Identification Technology (AIT) for operation and application in the harsh environments of Naval Aviation Organic Depots. This system and business process improvements must be designed and deployed to integrate this required capability into Naval Aviation Depots.

Industrial Facilities Equipment (S7030):
 Procures upgrades for the sonobouy test equipment at Naval Surface Warfare Center (NSWC) Crane.

WEAPONS SYSTEM COST ANALYSIS P5		Weapon System							DATE: February 2007							
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY BA 3 - AVIATION SUPPORT EQUIPMENT							ID Code A	P-1 ITEM NOMENCLATURE 426500, OTHER AVIATION SUPPORT EQUIPMENT								
Cost Code	Element of Cost	ID Code	Dollars in Thousands													
			Prior Years		FY 2006			FY 2007			FY 2008			FY 2009		
			Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	
S7039	NALDA - DECKPLATE	A				2,153			2,445			2,613			3,034	
S7040	NALDA	A	49,273			827			712			657			875	
S7041	NALDA H/W & S/W - NALCOMIS Optimized	A	12,409			3,184			3,057			3,242			2,802	
S7042	NALDA Joint Tactical Data Integration (JTDI)	A	44,096			5,033			4,160			4,003			3,622	
S7043	Resource Allocation Management Program	A	980													
S7044	Autonomic Logistics Information System	A										906			5,741	
S7045	NAVAIR Depot Maintenance Operations Unique ID	A							2,000							
S7030	Industrial Facilities Equipment	A	3,975			207			212			217			222	
			110,733			11,404			12,586			11,638			16,296	