

CLASSIFICATION:

UNCLASSIFIED

FY 2005 President's Budget P-40								DATE: February 2004					
APPROPRIATION/BUDGET ACTIVITY								P-1 ITEM NOMENCLATURE/LINE ITEM #					
OTHER PROCUREMENT, NAVY/BA 7								BLI: 8120 NCW Mobile Sensor and C4I Platforms					
Program Element for Code B Items:								OTHER RELATED PROGRAM ELEMENTS					
	Prior Years	ID Code			FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY	N/A											N/A	N/A
EQUIPMENT COST (In Millions)		8120			22.584	36.853	27.582	32.224	13.889	13.939	13.739	N/A	CONT.
SPARES COST (In Millions)													\$0.0
PROGRAM DESCRIPTION/JUSTIFICATION:													
<p>Office of Naval Investigations</p> <p>Narrative Justification: The Naval Coastal Warfare (NCW) community consists of Mobile Inshore Undersea Warfare (MIUW) units and Harbor Defense Command (HDC) units operating Reserve Mobile Ashore Support Terminals (EMAST). NCW also includes Inshore Boat Units (IBU) and Maritime Security Force (MSF), which are separately funded. The Mobile Inshore Undersea Warfare - System Upgrade (MIUW-SU), the primary system used by the Naval Coastal Warfare Units, is the only land-based and rapidly deployable mobile Navy system with the ability to conduct surface and subsurface surveillance in coastal and littoral areas. The system provides detailed contact information via various C4I systems including GCCS-M to the tactical area commander based on radar, visual, thermal, electronic, and underwater acoustic sensor information. Missions supported with the MIUW-SU's are: OCONUS and INCONUS Force Protection, protecting port areas, high value assets, and surveying the near shore areas. Throughout their lifecycles the MIUW systems require preplanned product improvements (P3I). Procurement and install accomplished as user turnkey acquisition strategy. The Reserve Mobile Ashore Support Terminal (RMAST) is the C4ISR hub for the Naval Coastal Warfare Commander. RMASTs deploy to support Force Protection/Force Security Officer for Commander, Amphibious Group in its Harbor Defense and Coastal Sea Control missions.</p> <p>There are 22 Mobile Inshore Undersea Warfare units, and 6 existing RMAST units supporting the NCW community. MIUW units are garrisoned at various locations throughout the continental U.S. in preparation for operational tasking. RMAST units are garrisoned with NCW Harbor Defense Command (HDC) sites in coastal regions of the U.S. MIUW and RMAST units are mobile systems that can be rapidly deployed around the world.</p> <p>System Upgrades - Will improve performance and reliability and provide engineering changes to the MIUW-SU(V4) systems as well as various upgrades which would apply to either or both the MIUW-SU(V4) and the MIUW-SU(V3) systems. These upgrades would include sensor system upgrades and additional sensor equipment, new computer operating system related hardware, new or upgraded platforms for movement/transport of the MIUW-SU Radar Sonar Surveillance Central (RSSC) and the Portable Sensor Platform, and additional C4I equipment to include communications wireless links/LANs. System upgrades to RMAST units will enhance system operational performance and improve reliability. These upgrades include communications enhancements; refresh/upgrades to command and control components; and system mobility elements.</p> <p>The Littoral Surveillance System (LSS) is an all source intelligence, surveillance, reconnaissance, and targeting system that will receive, process and disseminate information in support of senior military commanders. The system can also be used in peacetime to support the decision making process of civilian authorities in response to homeland security requirements and natural disasters such as floods, earthquakes, and hurricanes where timely information on conditions in a given geographically area are required.</p>													
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P-1 SHOPPING LIST								CLASSIFICATION:		UNCLASSIFIED			

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WEAPONS SYSTEM COST ANALYSIS				Weapon System				DATE:			
P-5								February 2004			
APPROPRIATION/BUDGET ACTIVITY/ NCW Mobile Sensor				ID Code							
OPN/BA7- Intelligence Support Equipment				8120							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS								
					FY 2003		FY 2004		FY 2005		
			QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	
	SPAWAR										
R2100	MIUW & RMAST System Upgrades	8120			4	8.392	28	31.163	9	22.213	
R2200	Additional RMAST systems	8120					1	4.833	1	4.929	
	SubTotal					8.392		35.996		27.142	
	NAVSEA										
R2300	Littoral Surveillance System (LSS)	8120			1	13.706					
	SubTotal					13.706		0.000		0.000	
	NAVFAC										
	Stake Trucks (Prime Mover)	8120				0.486	6	0.676	3	0.337	
	30KW Generators						2	0.051	6	0.070	
	5KW Ligtplant						6	0.063			
	ILS							0.067		0.033	
	SubTotal					0.486		0.857		0.440	
	GRAND TOTAL					22.584		36.853		27.582	

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WEAPONS SYSTEM COST ANALYSIS P-5A APPROPRIATION/BUDGET ACTIVITY/ NCW M	DATE: February 2004
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OPN/BA7- Intelligence Support Equipment
BUDGET PROCUREMENT HISTORY AND PLANNING
 Appropriation/Budget Activity: Other Procurement, Navy

P-1 Line Item Nomenclature

1810 / BA 7 / Program Line 8120

NCW Mobile Sensor and C4I Platforms BLI 8120

COST CODE	LINE ITEM/ FISCAL YEAR	FY	CONTRACTOR AND LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAILABLE NOW	SPEC REV REQ'D	IF YES WHEN AVAILABLE
R2100	MIUW & RMAST System Upgrades	FY 03	SAIC/SSC SD	CP/WX		Jan-03	Apr-04	var	var	YES	YES	N/A
		FY 04	SSC-Charleston	WX		Nov-03	Nov-04	6	1.110	YES	YES	N/A
		FY 04	SAIC/SSC SD	CP/WX		Dec-03	Nov-04	22	1.110	YES	NO	N/A
		FY 05	SAIC/SSC SD	CP/WX		Dec-04	Apr-05	6	2.468	NO	NO	Jul-03
		FY 05	SSC-Charleston	WX		Nov-04	Nov-05	3	2.468	NO	NO	Jul-04
R2200	Additional RMAST Systems	FY 03	SSC-Charleston	WX		Jan-03	Apr-04	var	var	YES	YES	N/A
		FY 04	SSC-Charleston	WX		Nov-03	Nov-04	1	4.833	YES	N/A	N/A
		FY 05	SSC-Charleston	WX		Nov-04	Nov-05	1	4.929	YES	N/A	N/A
R2300	Littoral Surveillance System	FY 03										

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