

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET								DATE: <b>February 2004</b>				
APPROPRIATION/BUDGET ACTIVITY <b>OTHER PROCUREMENT, NAVY BA-2: COMMUNICATIONS/ELECTRONICS</b>						P-1 ITEM NOMENCLATURE <b>MINESWEEPING SYSTEM REPLACEMENT/262200/72LV</b>						
Program Element for Code B Items: <b>0603502N</b>						Other Related Program Elements <b>PE 0204302N</b>						
	ID Code	Prior Years		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
EQUIPMENT COST (In Millions)	A	N/A		<b>\$0.1</b>	<b>\$18.2</b>	<b>\$78.0</b>	<b>\$112.2</b>	<b>\$54.6</b>	<b>\$36.2</b>	<b>\$22.4</b>	<b>CONT.</b>	<b>CONT.</b>
SPARES COST (In Millions)	A	N/A		<b>\$0.6</b>	<b>\$1.7</b>	<b>\$9.3</b>	<b>\$8.9</b>	<b>\$5.0</b>	<b>\$1.2</b>	<b>\$0.0</b>	<b>CONT.</b>	<b>CONT.</b>
<p><b>PROGRAM DESCRIPTION/JUSTIFICATION :</b>                      Provide systems, subsystems, and engineering change kits for minehunting, navigation, and tactical display operations by the surface MCM force. Engineering change kits improve reliability and maintainability and correct deficiencies to allow equipment to perform in accordance with operational requirements.</p> <p>Remote Minehunting System (RMS) (LV064): The AN/WLD-1(V)1 system will consist of Remote Minehunting Vehicle (RMV), Variable Depth Sensor (VDS, AN/AQS-20), and shipboard equipment consisting of a Command Control Combat System, Launch and Recovery System, radio antennas and support equipment. The AN/AQS-20 is specifically designed for the detection, classification, and localization of subsurface mines.</p> <p>MCM/MHC Propulsion Improvement Program (LV072): This program is critical to correct design deficiencies, improve the Mean Time Between Failure for increased ship operational availability, and improve Reliability and Maintainability.</p> <p>MCM/MHC Integrated Ship Control System (ISCS) (LV073): This program replaces the existing MHC Machinery Control System, which will bring all MHC ships to a common configuration and funds software integration upgrades to the MCM-1 class ships.</p> <p>Force Protection Equipment (LV074): Provides Force Protection equipment for sailors to conduct maritime interdiction operations.</p>												

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<b>BUDGET ITEM JUSTIFICATION SHEET P-40 CONTINUATION</b>		DATE: <b>February 2004</b>
APPROPRIATION/BUDGET ACTIVITY <b>OTHER PROCUREMENT, NAVY BA-2: COMMUNICATIONS / ELECTRONICS</b>		P-1 ITEM NOMENCLATURE <b>MINESWEEPING SYSTEM REPLACEMENT/ 262200/72LV</b>
ITEM DESCRIPTION / JUSTIFICATION (CONTINUED) :		
<p>Mine Countermeasures Combat System Upgrades (LV075): The MCM Combat System Upgrades program will consist of a series of incremental upgrades to the current combat system via Engineering Change Kits. The upgrades will improve reliability and maintainability and correct deficiencies to allow the equipment to perform in accordance with operational requirements. The current planned upgrades include:</p> <ul style="list-style-type: none"> <li>-Acoustic Sweep Replacement - replace the TB-26 and TB-27 with the Advanced Acoustic Generator (AAG) to solve obsolescence problems, reduce aft deck weight and improve performance.</li> <li>-AN/SQQ-32 Sonar Data Recorder - upgrade the minehunting sonar on MCM ships, which will provide the capability to record, playback, and display, detect and classify data for sonar contact recognition training.</li> <li>- MCM Communication Upgrade - upgrade and modernization of the communications systems for MCM ships.</li> <li>- Supportability Engineering Changes - upgrade and modernization of the combat systems upgrade to reduce emergent obsolescence and supportability issues such as OK520 HPU, SQQ-32 touch panel, SLQ-48 PDU, and Mine Countermeasure Navigation Command and Control (NAVCC) upgrade.</li> </ul> <p>Items to be procured in FY 03: MCM Combat System Upgrades consisting of the following changes: SQQ-32 ECP for the replacement of obsolete touch panel.</p> <p>Items to be procured in FY 04: MCM Combat System Upgrades consisting of the following changes: Acoustic Sweep Upgrade - 1 system; OK-520 HPU upgrade ECP - 4 systems, NAVCC upgrade ECP-1 system.</p> <p>Items to be procured in FY05: MCM Combat System Upgrades consisting of the following changes: Acoust Sweep Upgrades - 1 system; OK-520 HPU upgrade ECP - 4 systems; SQQ-32 Sonar Data Recorder - 15 systems; Communications upgrade - 3 systems, NAVCC upgrade ECP-1 system; 2 Remote Minehunting Vehicles; 2 Variable Depth Sensors (VDS)</p> <p>*LV075 encompasses the old cost codes LV066, Integrated Combat Weapon System; LV069, Australian Accoustic Generator; LV070, AN/SQQ-32 Sonar Data Recorder; and LV071, MCM-1 Communications Upgrade</p>		
Code "B" Items: RMS Systems, PE 0603502N	DT Assist TECHEVAL Phase I TECHEVAL Phase II OPEVAL	Planned 4th QTR FY 02 / 1st QTR FY03 4th QTR FY 03 / 3rd QTR FY04 3rd QTR FY 04 / 1st QTR FY05 3rd QTR FY 04 / 1st QTR FY05
Estimates include competitive sourcing savings associated with consolidation of production support contracting efforts.		

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System						DATE: February 2004				
APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA-2: COMMUNICATIONS / ELECTRONICS				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD									
				A	MINESWEEPING SYSTEM REPLACEMENT/262200/72LV									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS											
			Prior Years	FY 2003			FY 2004			FY 2005				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
LV064	MINE WARFARE, N752 REMOTE MINEHUNTING SYSTEM (RMS)											4	11,677	46,708
LV072	MCM/MHC PROPULSION IMPRV. PROG., - MCM - SUPPORT	A							1	1,414	1,414	7	1,410	9,870
														4,039
LV073	MCM/MHC INTEGRATED SHIP CONT SYS - MSCS - SOFTWARE INTEGRATION	A							1	2,600	2,600			0
											353			649
LV074	FORCE PROTECTION EQUIPMENT	A									822			0
LV075	MCM COMBAT SYSTEMS UPGRADES				Var	Var	113	Var	Var	8,226	Var	Var		13,857
LV830	PRODUCTION ENGINEERING - RMS - MCM COMBAT SYS										420			2,467
											0			1,854
											420			613
LV900	CONSULTING SERVICES - MCM COMBAT SYS										429			366
											429			366
<b>TOTAL</b>			<b>0</b>				<b>113</b>				<b>18,188</b>			<b>77,956</b>

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								<b>February 2004</b>		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
<b>Other Procurement, Navy</b>					<b>MINESWEEPING SYSTEM REPLACEMENT/262200</b>				<b>72LV</b>	
<b>BA-2: COMMUNICATIONS / ELECTRONICS</b>										
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	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
<b>FISCAL YEAR 03</b> LV075 MCM Comb Sys	VAR*	VAR*	NAVSEA/ NSWC CRANE/ DAHL/ CSS	N/A	WR	VARIOUS	VAR**	VAR**	YES	11/02
<b>FISCAL YEAR 04</b> LV072 Prop. Imprv. Prog.	1	1414	NAVSSSES, PHIL.	N/A	WR/RC	NAVSSSES, PHIL.	11/03	6/04	YES	11/03
LV073 MSCS	1	2600	NAVSSSES, PHIL.	N/A	WR/RC	NAVSSSES, PHIL.	11/03	6/04	YES	11/03
LV075 MCM Comb Sys	VAR*	VAR*	NAVSEA/ NSWC CRANE/ CSS/NAWC	N/A	WR	VARIOUS	VAR**	VAR**	NO	11/03
<b>FISCAL YEAR 05</b> LV064 RMS	4	11677	TBD	TBD	TBD	TBD	TBD	TBD	NO	11/04
LV072 Prop. Imprv. Prog. - MCM	7	1410	NAVSSSES, PHIL.	N/A	WR/RC	NAVSSSES,PHIL.	11/04	6/05	YES	11/04
LV075 MCM Comb Sys	VAR*	VAR*	NAVSEA/ NSWC CRANE/ CSS/NAWC	N/A	WR	VARIOUS	VAR**	VAR**	NO	11/04
D. REMARKS  * SEE SYSTEM DESCRIPTION ON P-40 FOR MORE DETAILS ** Dates of award and delivery vary based on when ECPs are submitted and approved.										

