

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2004					
APPROPRIATION/BUDGET ACTIVITY <b>OTHER PROCUREMENT, NAVY BA 4 - ORDNANCE SUPPORT EQUIPMENT</b>							P-1 ITEM NOMENCLATURE <b>ASW Range Support Equipment - BLI: 545500</b>					
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	FY2009	To Complete	Total
QUANTITY												
COST (In Millions)				<b>\$7.123</b>	<b>\$7.221</b>	<b>\$7.175</b>	<b>\$7.381</b>	<b>\$7.467</b>	<b>\$7.690</b>	<b>\$7.858</b>	<b>Continuing</b>	<b>Continuing</b>
SPARES COST (In Millions)												<b>\$0.0</b>
<p>Funding provides for the procurement of training range and shore support equipment, Test and Evaluation (T&amp;E), and Acoustic Trial range equipment, and weapon system and test support equipment. Equipment procured includes instrumentation for Fleet Operational Readiness Accuracy Check Sites (FORACS) and Naval Undersea Warfare Center, Keyport (NUWC, KPT) T&amp;E ranges, support equipment required to conduct Fleet exercises at Navy ASW Training ranges, Weapon System Accuracy Trials (WSAT) test, and Surface Ship Radiated Noise Measurement (SSRNM). Training and T&amp;E ranges supported include Southern California Offshore Range (SCORE), Barking Sands Tactical Underwater Range/Barking Sands Underwater Range Extension (BARSTUR/BSURE), Atlantic Underwater Test and Evaluation Center (AUTECE), Nanoose, Quinault and Dabob Bay. FORACS ranges supported include Andros Island, Southern California, and Hawaii.</p> <p>6C001 - Weapon System and Test Support Equipment: Funding provides for the procurement of high power ESM targets, range communication systems, replacement of obsolete range computers, ship auto-tracking system, Surface Ship Acoustic Range Components, and upgraded ship position tracking system.</p> <p>6C002 - Training/Test &amp; Evaluation Range Equipment: Funding provides for the procurement of shipboard underwater tracking equipment for the existing ranges as well as the new Shallow Water Training Ranges on both coasts and in Hawaii, shop special purpose pinger test equipment, and the associated cables/mounting hardware required to track ships and submarines conducting Fleet exercises at the Navy training ranges. NAVSEA provides all of the Navy Underwater Ranges with this tracking equipment support, because the equipment must be compatible with NAVSEA designed and built underwater vehicles (i.e. ships, submarines, torpedoes, mines and sonars). Funding provides for replacement and modernization of the following NUWC, KPT T&amp;E range systems: Acoustic Noise Measuring Recording and Analysis System, Above Water Tracking System, RF and underwater communications equipment, and range data gathering equipment.</p> <p>Production support services will fund support efforts performed by a field activity or contractor during the production phase of these projects.</p> <p>The Unmanned Seaborne Targets Program provides surface seaborne targets and target electronic augmentation systems for weapons systems test and evaluation and Fleet surface to surface and air to surface training. Target requirements include the High Speed Mobile Sea Target (HSMST), the MK42 Mod 0 Floating At Sea Target (FAST) and the High Speed Anti-Radiation Missile/Infared Missile (HARM/IR) Target, Towed Trimaran, William Sled, and Improved Surface Towed Target (ISTT). Inventory objective changes based on Fleet usage. Procurement of replacement targets for the QST-35 is planned to begin in FY05.</p> <p>6C001- QST 35 Replacement</p> <p>6C003, 6C004 - The fleet also requires low cost expendable moving targets and stationary targets towed to the operating site for surface, aerial gunnery and missile shots. Trimarans, HARM/IR target, Williams Sleds, and ISTT with tow lines and retrieval systems meet these requirements. The FAST is a free floating radar reflective target developed as an open ocean training device for bombing and surface gunnery exercises. This program also procures seaborne target augmentation systems which include transponders(i.e. transmitters/receivers), radar reflectors, RF emitters and ground support equipment (GSE). Various electronic components provide the interface for the target control systems with the control stations/facilities for drone operations. RF emitters and radar reflectors enhance target threat replication and provide the required stimulus for anti-surface/radar weapons systems.</p> <p>6C005 - The Fleet requires High Speed Maneuverable Seaborne Targets (HSMST) MK1.</p> <p>6C006 - SDST (Ship Deployable Surface Target) will be used to support ship training and T&amp;E exercises. This target will support training requirements of deploying ships, aircraft and surface gunnery requirements.</p>												

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2004			
APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA 4 - ORDNANCE SUPPORT EQUIPMENT				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD ASW Range Support Equipment BLI: 545500									SUBHEAD 846C		
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	Quantity	Unit Cost	Total Cost	
	N76 EQUIPMENT															
6C001	Weapon System & Test Support Equip.							435				431				404
6C002	Training/Test & Evaluation Range Equip.							580				590				605
6C830	Production Engineering							120				93				99
6C850	Product Improvement							82				82				87
	SEABORNE TARGETS															
6C001	QST 35 REPLACEMENT															736
6C003	TOWED TARGETS							420				581				264
6C004	INSTRUMENTAL							476				155				75
6C005	HSMST						7	154	1,078	8	158	1,264	6	160		960
6C006	SDST (Ship Deployable Surface Target)							0				0				0
6C830	PRODUCTION ENGINEERING							161				157				147
6C900	CONSULTING SERVICES							106				112				87
6C970	INTEGRATED LOGISTICS SUPPORT							152				154				130
	N77 EQUIPMENT															
6C001	Weapon System & Test Support Equip.							1,255				1,244				1,213
6C002	Training/Test & Evaluation Range Equip.							1,674				1,803				1,810
6C830	Production Engineering							348				309				296
6C850	Product Improvement							236				246				262
								7,123				7,221				7,175

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B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
Other Procurement, Navy					ASW RANGE SUPPORT EQUIPMENT				BLI: 5455	
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
FY03 HSMST	7	154	NAVSEA	Dec-02	GSA	Silver Ships, Inc.	Jan 03	May 03	YES	
FY04 HSMST	8	158	NAVSEA	Jan-04	GSA	Silver Ships, Inc.	Feb 04	Jun 04	YES	
FY05 HSMST	6	160	NAVSEA	TBD	GSA	TBD	TBD	TBD	YES	
D. REMARKS										