

BUDGET ITEM JUSTIFICATION SHEET P-40						DATE: February 2004					
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY BA4/Ordnance Support Equipment						P-1 ITEM NOMENCLATURE Submarine Tomahawk Support Equipment (J45B) BLI:525500					
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											
COST (In Millions)	\$127.0		\$5.1	\$5.7	\$5.5	\$7.1	\$8.2	\$8.7	\$9.2	\$60.0	\$236.6
<p>Submarine-Advanced Tomahawk Weapon Control System (Sub-ATWCS) (02000) provides open system architecture, extensive hardware (TAC-X) processors, Common Display Console Unit, racks, cables, connectors, etc., and software commonality with surface systems. Sub-ATWCS installation on 688 class submarines is a prerequisite for installation on the VIRGINIA class submarine.</p> <p>Submarine-Tactical Tomahawk Weapon Control System (Sub-TTWCS/TCOMMS) (02001) provides all capabilities associated with Submarine ATWCS and accommodates the Tactical TOMAHAWK variant. TTWCS hardware for submarines will support the following functions. Receipt of Over the Horizon (OTH) tracking data external to TTWCS; Engagement Planning, Inventory Management of missiles, Strike Planning, Interface with the Combat Control System to transfer engagement plans, TOMAHAWK Mission data, and flight software. TTWCS hardware will be converted to the J6000 Processor as part of the integration into the Submarine Command and Control System.</p> <p>Weapons Control System Product Support (WCS) (02002) provides for COTS/GOTS refreshment, engineering changes, software support, testing and infrastructure to maintain compatibility and interoperability with existing and future systems. The TCOMMS PcMDS (TLAM Core Responsibilities) as well as the J6000 processor conversion requirements are included in this line.</p>											

CLASSIFICATION:

UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System						DATE: February 2004						
APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA4/Ordnance Support Equipment				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD Submarine Tomahawk Support Equipment (J45B) BLI: 525500											
COST CODE	ELEMENT OF COST	ID Code	BLI:525500													
			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				
02000	Submarine-ATWCS Production Engineering		122,657 1,391													
02001	Submarine-TTWCS/TCOMMS		2,143			2,660			4,614					4,288		
02002	WCS Product Support		814			2,474			1,129					1,181		
			127,005			5,134			5,743					5,469		

*FY 2002 TTWCS PROCUREMENT WAS REDIRECTED BY N77 TO FUND TACTOM SUBMARINE HARDWARE CONVERSION FROM TTWCS SUITES TO SUBMARINE CCS MK2 J6000 PROCESSORS.

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