

CLASSIFICATION:

**UNCLASSIFIED**

**BUDGET ITEM JUSTIFICATION SHEET**

**P-40**

DATE:

**FEBRUARY 2004**

APPROPRIATION/BUDGET ACTIVITY <b>Weapons Procurement, Navy/BA-2</b>	P-1 ITEM NOMENCLATURE <b>Other Missile Support(A2FD) BLI: 229000</b>
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Program Element for Code B Items:	Other Related Program Elements
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	FY 2002 and Prior	ID Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Program
QUANTITY	0		0	0	0	0	0	0	0	0	0
COST (\$M)	\$69.4		\$11.6	\$10.9	\$10.4	\$10.5	\$9.5	\$9.7	\$9.9	\$0.0	\$141.8
Initial Spares (\$M)	\$3.2		\$0.7	\$0.6	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.5	\$9.1

The MK-41 Vertical Launching System (VLS) is a surface combatant missile launching system, designed to store, select and launch various STANDARD Missile configurations, TOMAHAWK, Tactical TOMAHAWK, EVOLVED SEASPARROW (ESSM) and Vertical Launch ASROC (VLA) missiles. The MK-41 VLS significantly improves missile capacity, flexibility, multi-mission capability, reaction time and rate of fire and is designed to be adaptable to present and future weapon systems. Current configurations are: two 61 cell launchers, forward and aft, for 22 TICONDEROGA (CG 47) Class Cruisers beginning with CG-52; one 61 cell launcher forward for 5\* SPRUANCE (DD 963) Class Destroyers; one 61 cell aft and one 29 cell launcher forward for 28 ARLEIGH BURKE (DDG 51) Class Destroyers; and one 64 cell launcher aft and one 32 cell launcher forward for 32 DDG 51 FLT IIA ships.

WPN funds ILS support and initial training support for MK-41 VLS canisters and canister support equipment. WPN is required for Engineering Change Proposal (ECP) and Ordnance Alteration (ORDALT) development, procurement, installation, production support, technical documentation, canister and gas management hardware. Additionally, funding is required for: training in support of new missile variants ( ESSM, and Tactical TOMAHAWK); providing MK-41 VLS unique equipment to the weapon facilities; and providing ILS for various canisters and gas management configurations.

In FY01 and prior, MK-41 VLS canisters were funded under MK-41 VLS BLI 2290 for STANDARD Missile variants and TOMAHAWK. Beginning in FY-02, canisters are budgeted with the End Item under STANDARD Missile BLI 2234 and TOMAHAWK BLI 2101. The EVOLVED SEASPARROW Missile (ESSM) with Quad Pack (ESSM/QP) canisters were budgeted beginning in FY-01 Procurement under EVOLVED SEASPARROW (ESSM) BLI 2307. Budgeting with the End Item is now consistent across all missile types.

\* 19 SPRUANCE (DD 963) Class Ships are being decommissioned through FY-04 bringing the total to 5 DD-963's.

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<b>WEAPONS SYSTEM COST ANALYSIS</b> P-5	Weapon System	DATE: <b>FEBRUARY 2004</b>
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APPROPRIATION/BUDGET ACTIVITY <b>Weapons Procurement, Navy/BA-2</b>	ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD <b>Other Missile Support(A2FD) BLI: 229000</b>
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COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			FY 2002 and Prior	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	
FD005	TYPE I CANISTERS		9,766													
FD006	TYPE II CANISTERS		14,338													
FD009	CANISTER EQUIPMENT		7,409					3,175			3,470					3,294
FD970	ILS SUPPORT		36,342					8,284			7,340					7,091
FD980	INITIAL TRAINING SUPPORT		1,509					159			52					0
			<b>69,364</b>					<b>11,618</b>			<b>10,862</b>					<b>10,385</b>

