

COMMITTEE LANGUAGE FOR FISCAL YEAR 2003

**TOMAHAWK MISSILE
ACCOUNT: WPN**

PRESBUD	HASC	SASC	CASC	HAC	SAC	CAC
(106)145,820	(106)765,820	(890) 743,820	(201) 662,820	(106) 664,820	(106) 248,820	(106) 248,820

**SURFACE TOMAHAWK SUPPORT EQUIPMENT
ACCOUNT: OPN**

PRESBUD	HASC	SASC	CASC	HAC	SAC	CAC
53,614	53,614	53,614	53,614	53,614	53,614	53,614

**SUBMARINE TOMAHAWK SUPPORT EQUIPMENT
ACCOUNT: OPN**

PRESBUD	HASC	SASC	CASC	HAC	SAC	CAC
5,262	5,262	5,262	5,262	5,262	5,262	5,262

**TOMAHAWK & TOMAHAWK MISSION PLANNING CENTER (TMPC)
ACCOUNT: RDT&E**

PRESBUD	HASC	SASC	CASC	HAC	SAC	CAC
94,265	94,265	99,265	99,265	102,265	94,265	99,865

HASC LANGUAGE (Rpt. 107-436)

Page 64, Weapons Procurement, Navy

4	TOMAHAWK	106	145,820	620,000	106	765,820
	DERF- Transfer to H.R. 4547			(598,000)	-	(598,000)
	Tomahawk Tooling			(+22,000)		(+22,000)

Page 81, Other Procurement, Navy

105	SURFACE TOMAHAWK SUPPORT EQUIPMENT	-	53,614	-	-	53,614
106	SUBMARINE TOMAHAWK SUPPORT EQUIP	-	5,262	-	-	5,262
107	VERTICAL LAUNCH SYSTEMS	-	6,483	-	-	6,483

Page 163, RDT&E, Navy

0204103N	182	FLEET TELECOMMUNICATIONS (TACTICAL)	14,370	14,370
0204229N	183	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)	94,265	94,265
0204241N	184	INTEGRATED SURVEILLANCE SYSTEM	20,405	20,405

Tomahawk missile

The budget request contained \$145.8 million for 106 block IV low-rate initial production tactical tomahawk (TACTOM) missiles but included no funds for special tooling and test equipment to increase the production rate of the block IV TACTOM missile from 450 to 600 missiles per year. The Tomahawk missile is a long-range, precision strike cruise missile launched from surface ships or submarines, and the block IV TACTOM missile will provide improved performance at a lower unit cost than previous missile versions. The committee understands that existing special tooling and test equipment will provide a capacity to produce 450 TACTOM missiles per year, but believes that the ability to produce 600 TACTOM missiles per year would be critical in a time of national emergency. The committee recommends \$167.8 million for the Tomahawk missile, an increase of \$22.0 million, to procure the special tooling and test equipment necessary to increase the production of block IV TACTOMs from 450 to 600 per year.

Submarine tactical warfare system

The budget request contained \$14.0 million in PE 64562N for submarine combat control system (CCS) upgrades to the Mark two (MK2) variant. These upgrades replace obsolete equipment and converge multiple submarine CCSs into a single program, which provides component commonality, incorporates Tactical Tomahawk cruise missile launch capability, and reduces life cycle costs with an open architecture for future system enhancements. The committee believes that this system would increase the warfighting capability of submarines, and recommends \$28.3 million for PE 64562N, an increase of \$14.3 million, to accelerate development of CCS MK2 upgrades.

SASC LANGUAGE (Rpt. 107-151)

3	MISSILE INDUSTRIAL FACILITIES	0	1,318	0	0	0	1,318
4	TOMAHAWK	106	145,820	784	598,000	890	743,820
	Tomahawk Remanufacture (Transfer from DERF)				[598,000]		

	Integrated bridge system				[5,000]		
105	SURFACE TOMAHAWK SUPPORT EQUIPMENT	0	53,614	0	0	0	53,614
106	SUBMARINE TOMAHAWK SUPPORT EQUIP	0	5,262	0	0	0	5,262

0204103N	184	FLEET TELECOMMUNICATIONS (LTC/TCM)				
0204229N	183	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)	94,265	5,000	99,265	
		Precision terrain aided navigation		[5,000]		
0204311N	184	INTEGRATED SURVEILLANCE SYSTEM	20,405		20,405	

Submarine training device modifications

The budget request included \$17.3 million to procure submarine training device modifications. The Navy has critical training requirements to support submarines in the fleet and is beginning to use performance support systems that would enhance training quality opportunities. The committee understands that the Navy is using such systems to support operator training and diagnostics for submarine Tomahawk launch systems. The committee believes that the Navy could use these systems more extensively to provide on-the-job operation, maintenance and troubleshooting support normally provided by journeymen and advanced schoolhouse training. Therefore, the committee recommends an increase of \$5.0 million to expand the use of performance support systems in conducting submarine training.

Submarine combat systems modernization

The budget request included \$14.0 million in PE 64562N to develop and integrate software upgrades to integrate improved weapons capabilities within the various submarine combat control systems (CCSs). This program also develops improvements to sub-marine hardware which has become increasingly difficult and costly to maintain. The thrust of the CCS improvement program is the fleet introduction of an improved CCS system within which the Navy will converge multiple submarine combat system developments into a single effort to minimize submarine life cycle costs. Current plans include converging CCS systems for the SSN-688-class, the SSN-688I-class, and the SSBN-726-class.

Additional funding would allow the Navy to: (1) implement an engineering change proposal to incorporate into the CCS MK2 software architecture the capability to fire Tactical Tomahawk missiles; and (2) continue converting the CCS MK2 software architecture to a fully commercial design.

Therefore, the committee recommends an increase of \$20.0 million in PE 64562N to achieve commonality in combat control systems sooner among all the various submarine classes and configurations within those classes.

Precision target aided navigation

The budget request included \$94.3 million in PE 24229N for continued development of the Tomahawk weapons system but included no funding for developing an alternative guidance system called precision target aided navigation (PTAN). The Navy believes that the PTAN program could lead to a guidance capability that would be equal to the current system based on the global positioning system (GPS). Missiles using a PTAN-based approach would, however, not be vulnerable to an enemy who might be employing GPS jamming or spoofing defenses. The committee believes that further development of this PTAN capability would be a prudent hedge against such a possibility. Therefore, the committee recommends an increase of \$5.0 million in PE 24229N to the PTAN development program.

CASC LANGUAGE (Rpt. 107-772)

4	TOMAHAWK	106	145,820	106	765,820	890	743,820	95	517,000	201	662,820
	Tomahawk Remanufacture (Transfer from DERF)				[598,000]		[598,000]		[392,000]		
	Tactical Tomahawk missiles								[95 / 103,000]		
	Tooling equipment to increase production rate to 600										

Page 395, Other Procurement, Navy

	Food service technology				[2,000]	
105	SURFACE TOMAHAWK SUPPORT EQUIPMENT	53,614	53,614	53,614		53,614
106	SUBMARINE TOMAHAWK SUPPORT EQUIPMENT	5,262	5,262	5,262		5,262

Page 500, RDT&E, Navy

0204163N	182	FLEET TELECOMMUNICATIONS (TACTICAL)	12,576	12,576	12,576		12,576
0204229N	183	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER Precision terrain aided navigation	94,265	94,265	99,265	5,000	99,265
					[5,000]	[5,000]	

Contains no language.

HAC LANGUAGE (Rpt. 107-532)

Page 131, Weapons Procurement, Navy

	Request	Recommended	Request
4 TOMAHAWK	145,820	664,820	+519,000
Block II/III Conversions -Transfer from DERF			598,000
Block II/III Conversions -Reduction to DERF			-103,000
Additional Tooling - Block IV Production			24,000

Page 133, Weapons Procurement, Navy

STRATEGIC MISSILES					
TOMAHAWK	106	145,820	106	664,820	+519,000
TOMAHAWK	106	145,820	106	145,820	

Page 145, Other Procurement, Navy

ANGLE SUPPORT EQUIPMENT		169,154		169,154	+13,500
SURFACE TOMAHAWK SUPPORT EQUIPMENT		53,614		53,614	
SUBMARINE TOMAHAWK SUPPORT EQUIP		5,262		5,262	

Page 259, RDT&E, Navy

F-16 Enhanced Durability Engine					
183 TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)		94,265		102,265	+8,000
Precision Terrain Aided Navigation					+8,000
184 INTEGRATED SURVEILLANCE SYSTEM		20,405		26,405	+6,000

Page 268, RDT&E, Navy

FLEET TELECOMMUNICATIONS (TACTICAL)	12,576	12,576	
TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)	94,265	102,265	+8,000
INTEGRATED SURVEILLANCE SYSTEM	20,405	26,405	+6,000

Contains no language.

SAC LANGUAGE, (Rpt. 107-213)

Page 117, Weapons Procurement, Navy

OTHER MISSILES:										
STRATEGIC MISSILES:										
	TOMAHAWK	106	145,820	106	664,820	106	248,820		+103,000	-416,000
	ESSM	146	129,550	146	129,550	146	43,550		-86,000	-86,000

Page 119, Weapons Procurement, Navy

2A	TRIDENT II MODS			424,580	+424,580
4	TOMAHAWK	145,820		248,820	+103,000
	Transfer from DERF—for BLK IV only				+103,000
5	ESSM	129,550		43,550	-86,000

Page 133, Other Procurement, Navy

104	REGIS SUPPORT EQUIPMENT	100,004		100,004						-15,000
105	SURFACE TOMAHAWK SUPPORT EQUIPMENT	53,614		53,614		53,614				
106	SUBMARINE TOMAHAWK SUPPORT EQUIP	5,262		5,262		5,262				
107	INTEGRATED SURVEILLANCE SYSTEM	2,405		2,405		2,405				

Page 187, RDT&E, Navy

182	FLEET TELECOMMUNICATIONS INFRASTRUCTURE			16,970	16,970	16,970				
183	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)			94,265	102,265	94,265				-8,000
184	INTEGRATED SURVEILLANCE SYSTEM			20,405	26,405	20,405				-6,000

Contains no language.

CAC LANGUAGE (Rpt. 107-732)

Page 177, Weapons Procurement, Navy

STRATEGIC MISSILES					
TOMAHAWK		145,820	664,820	248,820	248,820
ESSM		129,550	129,550	43,550	43,550

Page 179, Weapons Procurement, Navy

4	TOMAHAWK	145,820	664,820	248,820	248,820
	Block II/III Conversions -Transfer from DERF		+598,000		
	Block II/III Conversions -Reduction to DERF		-103,000		
	Additional Tooling - Block IV Production		+24,000		
	Transfer from DERF - for Block IV only			+103,000	+103,000
5	ESSM	129,550	129,550	43,550	43,550

Page 190, Other Procurement, Navy

SURFACE TOMAHAWK SUPPORT EQUIPMENT.....	53,614	53,614	53,614	53,614
SUBMARINE TOMAHAWK SUPPORT EQUIP.....	5,262	5,262	5,262	5,262
UNDEVELOPED TOMAHAWK SUPPORT EQUIP.....	6,483	6,483	6,483	6,483

Page 264, RDT&E, Navy

FLEET TELECOMMUNICATIONS (TACTICAL).....	12,576	12,576	12,576	12,576
TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC).....	94,265	102,265	94,265	99,865
INTEGRATED SURVEILLANCE SYSTEM.....	20,405	26,405	20,405	26,005

Page 276, RDT&E, Navy

F/A-18A/F-15 Naval Upgrades			70,000	74,200
TOMAHAWK AND TOMAHAWK MISSION PLANNING				
183 CENTER (TMPC)	94,265	102,265	94,265	99,865
Precision Terrain Aided Navigation		+8,000		+5,600
184 INTEGRATED SURVEILLANCE SYSTEM	20,405	26,405	20,405	26,005

Contains no language.