

DEPARTMENT OF THE NAVY FY 1998/1999 BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES

WEAPONS PROCUREMENT, NAVY BUDGET ACTIVITY 4

FEBRUARY 1997

UNCLASSIFIED

EXHIBIT P-1

DEPARTMENT OF THE NAVY
FY 1998/1999 PROCUREMENT PROGRAM

APROPRIATION: 1507N Weapons Procurement, Navy

DATE: 02/04/97

LINE NO	ITEM NOMENCLATURE	IDENT CODE	DOLLARS		MILLIONS OF DOLLARS						
			FY1998 UNIT COST	----- FY 1996 ----- QUANTITY COST	----- FY 1997 ----- QUANTITY COST	----- FY 1998 ----- QUANTITY COST	----- FY 1999 ----- QUANTITY COST				
BUDGET ACTIVITY 04: Other Weapons											
Guns And Gun Mounts											
31	4129 Small Arms and Weapons	A		0.9		0.9		1.0		0.9 U	
Modification Of Guns And Gun Mounts											
32	4205 CIWS Mods	A		32.0		24.9		10.0		3.7 U	
33	4210 5/54 Gun Mount Mods	A		2.5		2.8		0.2		0.9 U	
34	4213 MK-75 76MM Gun Mount Mods	A		0.9		0.7		-		- U	
35	4220 Mods Under \$2 Million	A		1.6		1.6		1.3		1.3 U	
Other											
36	4222 Pioneer			-		-		46.7		19.9 U	
37	4500 Cancelled Account Adjustments			3.6		-		-		- U	
38	4600 Prior Year Deficiencies			0.1		-		-		- U	
TOTAL Other Weapons					41.6		30.8		59.2		26.6

Weapons Procurement, Navy
Program and Financing (in Thousands of dollars) SUMMARY

Identification code	17-1507-0-1-051	Budget Plan (amounts for PROCUREMENT actions programed)			
		1996 actual	1997 est.	1998 est.	1999 est.

Program by activities:					
Direct program:					
00.0101	Ballistic missiles	508,776	316,332	341,412	319,657
00.0201	Other missiles	802,532	844,202	612,993	910,722
00.0301	Torpedoes and related equipment	125,607	120,594	95,715	126,284
00.0401	Other weapons	41,615	30,815	59,230	26,648
00.0501	Other Ordnance				
00.0601	Spares and repair parts	62,167	46,490	26,943	52,429
		-----	-----	-----	-----
00.9101	Total direct program	1,540,697	1,358,433	1,136,293	1,435,740
01.0101	Reimbursable program	641	74,800	74,800	74,800
		-----	-----	-----	-----
10.0001	Total	1,541,338	1,433,233	1,211,093	1,510,540

Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-541	-74,800	-74,800	-74,800
14.0001	Non-Federal sources(-)	-100			
17.0001	Recovery of prior year obligations				
Unobligated balance available, start of year:					
21.4002	For completion of prior year budget plans				
21.4003	Available to finance new budget plans	-68,963			
21.4009	Reprogramming from/to prior year budget plans	-19,781			
22.1001	Unobligated balance transferred to other accounts	2,500			
Unobligated balance available, end of year:					
24.4002	For completion of prior year budget plans				
25.0001	Unobligated balance expiring	9,093			
		-----	-----	-----	-----
39.0001	Budget authority	1,463,546	1,358,433	1,136,293	1,435,740

Budget authority:					
40.0001	Appropriation	1,641,505	1,389,913	1,136,293	1,435,740
40.3601	Appropriation rescinded (unob bal)	-14,600			
40.7501	Reduction pursuant to P.L. 104-208 (-), 8037(h)		-3,682		
41.0001	Transferred to other accounts (-)	-193,177	-27,798		
42.0001	Transferred from other accounts	29,818			
		-----	-----	-----	-----
43.0001	Appropriation (adjusted)	1,463,546	1,358,433	1,136,293	1,435,740

Weapons Procurement, Navy
Program and Financing (in Thousands of dollars) SUMMARY

		Obligations			
Identification code	17-1507-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.

Program by activities:					
Direct program:					
00.0101	Ballistic missiles	542,059	358,595	327,492	322,687
00.0201	Other missiles	954,331	889,447	602,197	861,404
00.0301	Torpedoes and related equipment	125,800	121,852	116,946	121,301
00.0401	Other weapons	48,218	29,431	50,823	31,828
00.0501	Other Ordnance	13,358			
00.0601	Spares and repair parts	58,629	47,853	48,022	48,191
00.9101 Total direct program		1,742,395	1,447,178	1,145,480	1,385,411
01.0101	Reimbursable program	663	74,925	74,800	74,800
10.0001 Total		1,743,058	1,522,103	1,220,280	1,460,211

Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	303	-74,800	-74,800	-74,800
14.0001	Non-Federal sources(-)	14,344			
17.0001	Recovery of prior year obligations	-3,074			
Unobligated balance available, start of year:					
21.4002	For completion of prior year budget plans	-698,539	-464,823	-375,953	-366,766
21.4003	Available to finance new budget plans	-68,963			
21.4009	Reprogramming from/to prior year budget plans				
Unobligated balance transferred to other accounts					
22.1001	Unobligated balance available, end of year:	2,500			
24.4002	For completion of prior year budget plans	464,823	375,953	366,766	417,095
25.0001	Unobligated balance expiring	9,093			
39.0001 Budget authority		1,463,546	1,358,433	1,136,293	1,435,740

Budget authority:					
40.0001	Appropriation	1,641,505	1,389,913	1,136,293	1,435,740
40.3601	Appropriation rescinded (unob bal)	-14,600			
40.7501	Reduction pursuant to P.L. 104-208 (-), 8037(h)		-3,682		
41.0001	Transferred to other accounts (-)	-193,177	-27,798		
42.0001	Transferred from other accounts	29,818			
43.0001 Appropriation (adjusted)		1,463,546	1,358,433	1,136,293	1,435,740

Weapons Procurement, Navy
 Program and Financing (in Thousands of dollars) SUMMARY

		Obligations			
Identification code	17-1507-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.

Relation of obligations to outlays:					
71.0001	Obligations incurred	1,757,705	1,447,303	1,145,480	1,385,411
72.1001	Orders on hand, SOY	-80,181	-37,434	-37,434	-37,434
72.4001	Obligated balance, start of year	4,183,692	3,286,784	2,668,165	2,198,465
74.1001	Orders on hand, EOY	37,434	37,434	37,434	37,434
74.4001	Obligated balance, end of year	-3,286,784	-2,668,165	-2,198,465	-2,141,609
77.0001	Adjustments in expired accounts (net)	12,874			
78.0001	Adjustments in unexpired accounts	-3,074			

90.0001	Outlays (net)	2,621,666	2,065,922	1,615,180	1,442,267

Weapons Procurement, Navy
Object Classification (in Thousands of dollars) SUMMARY

Identification code	17-1507-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.

Direct obligations:					
125.101	Advisory and assistance services	35,154	26,777	22,185	25,915
	Purchases goods/services (inter/intra) Fed accounts				
125.303	Purchases from revolving funds	105,464	90,331	76,554	87,745
126.001	Supplies and materials	72,491	95,265	61,702	94,453
131.001	Equipment	1,529,286	1,234,805	985,039	1,177,298
		-----	-----	-----	-----
199.001	Total Direct obligations	1,742,395	1,447,178	1,145,480	1,385,411
Reimbursable obligations:					
226.001	Supplies and materials		20,768	21,262	21,900
231.001	Equipment	663	54,157	53,538	52,900
		-----	-----	-----	-----
299.001	Total Reimbursable obligations	663	74,925	74,800	74,800
999.901	Total obligations	1,743,058	1,522,103	1,220,280	1,460,211

Comparison of FY 1997 Program Requirements as Reflected
in the FY 1997 Budget with FY 1997 Program Requirements as
Shown in FY 1998 Budget (In Thousands of Dollars)

	FY 1997 Total Program Requirements <u>Per FY 1997 Budget</u>	FY 1997 Program Requirements <u>Per FY 1998 Budget</u>	Increase (+) or Decrease (-)
Ballistic Missiles	323,149	316,322	-6,817
Other Missiles	738,239	844,202	+105,963
Torpedoes and Related Equipment	110,682	120,594	+9,912
Other Weapons	31,467	30,815	-652
Ammunition	149,355	0*	-149,355
Spares and Repair Parts	47,471	46,490	-981
Subtotal Direct Program	1,400,363	1,358,433	-41,930
Reimbursable	74,800	74,800	-
Total Fiscal Year	1,475,163	1,433,233	-41,930

*Funding appropriated in the Procurement Ammunition, Navy & Marine Corps appropriation.

Explanation of Changes in FY 1997 Program Requirements

1. Ballistic Missiles (-\$6.8 million)
Decrease reflects undistributed Congressional reductions.
2. Other Missiles (+\$106.0 million)
The overall funding increase reflects the net of undistributed Congressional reductions (-\$19.9 million) and reduced funding for Ordnance Support Equipment (-\$4.6M) offset by Congressional increases for additional Standard Missiles (+\$22.5 million), Tomahawk (+\$11.5 million), AMRAAM (+\$21.9 million), JSOW (+\$15.6 million, Penguin (+\$7 million), Drones and Decoys (+\$17.5 million), Tomahawk modifications (+\$14.4 million), and Harpoon/SLAM (+\$20.1 million).
3. Torpedoes and Related Equipment (+\$9.9 million)
Changes include Congressional undistributed reductions (-\$3.1 million) and additional funding provided by Congress for the Vertical Launch ASROC program (+\$13 million).
4. Other Weapons (-\$0.7 million)
Changes reflect adjustments for Congressional undistributed reductions.
5. Ammunition (-149.4 million)
The FY 1997 President's Budget reflected \$149.355 million for Navy ammunition procurement in the Weapons Procurement, Navy (WPN) appropriation. The Congress transferred this amount to the Procurement of Ammunition, Navy & Marine Corps (PANMC) appropriation. FY 1998 and out funding is now reflected in this appropriation.
6. Spares & Repair Parts (\$-1.0 million)
This funding reduction is due to an undistributed Congressional reduction.

Comparison of FY 1997 Financing as Reflected in the FY 1997 Budget
with FY 1997 Financing as Shown in FY 1998 Budget
(In Thousands of Dollars)

	<u>FY 1997 Financing Per FY 1997 Budget</u>	<u>FY 1997 Financing Per FY 1998 Budget</u>	<u>Increase (+) Decrease (-)</u>
Program Requirements (Total)	1,475,163	1,433,233	-41,930
Program Requirements (Direct)	(1,400,363)	(1,358,433)	(-41,930)
Program Requirements (Re imb)	(74,800)	(74,800)	-
Less:			
Anticipated Reimbursements	74,800	74,800	-
Add:			
Unob bal avail, start of year to finance new budget plans			
Unob bal avail, end of year to finance subseq yr budget plans			
Reprog, prior year budget			
Appropriation Adjusted	1,400,363	1,358,433	-41,930
Budget Authority:			
FY 1997 DoD Appropriations Act	1,400,363	1,389,913	-10,450
Appropriation rescinded			
Reduct Pursuant to P. L. 104-208		-3,682	-3,682
Transferred to other accounts		-27,798	-27,798
Appropriation (Adjusted)	1,400,363	1,358,433	-41,930

Explanation of Changes in Financing

The FY 1997 Weapons Procurement, Navy appropriation financing (\$1,358.4 million for direct and \$74.8 million for reimbursable) was subsumed within the WPN appropriations' Programming and Financing exhibits. The \$41.9 million change in program requirements is the result of Congressional reductions (-\$10.5 million), and Sect. 8037(h) (-\$2,376 thousand), and Sect. 8120 (-\$27,798 thousand) and Sect. 8138 (-\$1,306 thousand) adjustments.

Comparison of FY 1996 Program Requirements as Reflected
in the FY 1997 Budget with FY 1996 Program
Requirements as Shown in FY 1998 Budget (In Thousands of Dollars)

	FY 1996 Total Program Requirements <u>Per FY 1997 Budget</u>	FY 1996 Total Progr Requirements <u>Per FY 1998 Budget</u>	Increase(+) or Decrease (-)
Ballistic Missiles	505,431	508,776	+3,345
Other Missiles	814,857	802,532	-12,325
Torpedoes and Related Equipment	124,934	125,607	+673
Other Weapons	42,155	41,615	-540
Ammunition	*	*	-
Spares and Repair Parts	61,323	62,167	+844
Subtotal Direct Program	1,548,700	1,540,697	-8,003
Reimbursable	74,800	641	-73,159
Total Fiscal Year	1,623,500	1,541,338	-82,162

*Funding appropriated in the Procurement Ammunition, Navy and Marine Corps appropriation.

Explanation of Changes in FY 1996 Program Requirements

1. Ballistic Missiles (+\$3.3 million)
Increase reflects minor year of execution adjustments.

2. Other Missiles (-\$12.3 million)
Decrease reflects minor programmatic execution adjustments (-\$11.5 million) and Omnibus Reprogramming action (-\$.8 million).

3. Torpedoes and Related Equipment (+\$0.7 million)
Change reflects minor funding updates.

4. Other Weapons (-\$0.5 million)
Change reflects minor year of execution adjustments.

5. Ammunition
Funding realigned to the Procurement Ammunition, Navy & Marine Corps appropriation.

6. Spares & Repair Parts (+\$0.8 million)
Change reflects minor adjustments to reflect year of execution issues.

Comparison of FY 1996 Financing as Reflected in the FY 1997 Budget
with FY 1996 Financing as Shown in FY 1998 Budget
(In Thousands of Dollars)

	<u>FY 1996 Financing Per FY 1997 Budget</u>	<u>FY 1996 Financing Per FY 1998 Budget</u>	<u>Increase (+) Decrease (-)</u>
Program Requirements (Total)	1,623,500	1,541,338	-82,162
Program Requirements (Direct)	(1,548,700)	(1,540,697)	(-8,003)
Program Requirements (Reimb)	(74,800)	(641)	(-73,159)
Less:			
Anticipated Reimbursements	74,800	641	-73,159
Add:			
Unob bal avail, start of year to finance new budget plans:	-64,963	-68,963	-4,000
Unob bal transf to other accts	2,500	2,500	-
Reprogramming from/to prior year budget plans	-	-19,781	-19,781
Appropriation Adjusted	1,486,237	1,463,546	-22,691
Budget Authority:			
FY 1996 DoD Appropriations Act	1,656,193	1,641,505	-14,688
Appropriation rescinded	-14,600	-14,600	-
Transferred from other accts	29,818	29,818	-
Transferred to other accounts	-185,174	-193,177	-8,003
Appropriation (Adjusted)	1,486,237	1,463,546	-22,691

Explanation of Changes in Financing

The -\$22.7 million change in program financing is the result of the actual FY 1996 Congressional appropriation (-\$14.7 million) and transfers to other accounts (-\$8.0 million).

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BUDGET ITEM JUSTIFICATION SHEET P-40					DATE: FEBRUARY 1997			
APPROPRIATION/BUDGET ACTIVITY Weapons Procurement, Navy/BA-4: Other Weapons				P-1 ITEM NOMENCLATURE BLI - 412900 Small Arms and Weapons 84E3				
	1996	1997	1998	1999	2000	2001	2002	2003
QUANTITY								
COST (In Millions)	\$.9	\$.9	\$ 1.0	\$.9	\$.9	\$.9	\$.9	\$ 1.0
<p>Item Description/Justification:</p> <p>Quantities of weapons procured with the above funding are to meet small arms allowances and inventory objectives.</p> <p>This line item provides for initial issue procurement, modernization, standardization and stock replenishment procurement of a wide variety of small arms and weapons (caliber .50 and below), including required gun mounts and associated support components. The line also provides for procurement of sufficient types and quantities of weapons to support training, security afloat and shore missions of approximately 2,495 ship/ashore activities Navy-wide.</p> <p>For the foreseeable future, the small arms procurement funding will be urgently needed to support the SECNAV's physical security upgrade (anti-terrorism) program at all naval shore activities and Middle East force deployments.</p>								
Funding Totals	\$ <u>915</u>	\$ <u>853</u>	\$ <u>994</u>	\$ <u>887</u>	\$ <u>904</u>	\$ <u>926</u>	\$ <u>949</u>	\$ <u>974</u>

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BUDGET ITEM JUSTIFICATION SHEET P-40	DATE: FEBRUARY 1997
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APPROPRIATION/BUDGET ACTIVITY WEAPONS PROCUREMENT, NAVY/BA: 4 Other Weapons	P-1 ITEM NOMENCLATURE Line Item 4205 MK-15 CLOSE IN WEAPON SYSTEM (MODS)
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	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03
QUANTITY								
COST (In Millions)	\$39.2	\$24.9	\$10.0	\$3.7	\$3.1	\$1.0	\$0.5	\$0.0

THIS LINE FUNDS PROCUREMENT OF BLOCK I UPGRADES, BLOCK I ORDALTS, RELIABILITY AND MAINTAINABILITY (R&M) IMPROVEMENTS, UPGRADES TO THE 11G2 TRAINER AND PROCUREMENT OF THE PHALANX SURFACE MODE (PSuM) ORDALT. THE BLOCK I UPGRADE INCLUDES A FOURTEEN FOLD INCREASE IN SEARCH ELEVATION ANGLE, A 50% INCREASE IN ON-MOUNT AMMUNITION CAPACITY AND RATE OF FIRE, AND RELIABILITY AND MAINTAINABILITY (R&M) IMPROVEMENTS. THIS UPGRADE IS ESSENTIAL TO MEET CURRENT AND PROJECTED ANTI-SHIP MISSILE (ASM) THREATS FOR WHICH THERE ARE NO OTHER MEANS OF SELF DEFENSE. THE PLANNED CHANGES FOR BLOCK I INCORPORATE A BUILDING BLOCK TECHNIQUE TO EVOLVE NEEDED PERFORMANCE TO HANDLE THE THREAT AND INTEGRATE NECESSARY R&M FEATURES TO KEEP THE PHALANX SYSTEM AVAILABLE AND MAINTAINABLE. THE BLOCK 1A (HOLC) PROVIDES MEMORY AND PERFORMANCE IMPROVEMENTS REQUIRED FOR FIRE CONTROL AGAINST EVOLVING THREATS.

THE BUDGET REFLECTS THE TRANSFER OF DESIGN SERVICES INTO THE APPROPRIATE EQUIPMENT P-1 LINE ITEM BEGINNING IN FY 1998.

	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03
DT002 ORMS	22,895	12,559						
DT003 11G2 TRAINER	381	206						
DT801 PROD ENGR SVC	6,631	3,826						
DT802 PROD SPT SVC	2,080	1,471	129	18	13	14	23	
DTINS INSTALL	7,191	6,640	9,556	3,456	3,023	963	474	
DTDSA INSTALL		198	305	177	57	16	0	
TOTAL	39,178	24,900	9,990	3,651	3,093	993	497	0

P-1 SHOPPING LIST
ITEM NO. 32 PAGE 1

P3A		INDIVIDUAL MODIFICATION															TO	TO	TOTAL	TOTAL				
MODIFICATION TITLE:		PHALANX CIWS BLOCK I ORDALTS (DT001)															COMP	COMP	QTY	COST				
MODELS OF SYSTEM AFFECTED:		PHALANX CIWS BLOCK 0																						
DESCRIPTION/JUSTIFICATION:		THE BLOCK I MODIFICATION PRIMARY CHARACTERISTICS INCLUDE A FOURTEEN FOLD INCREASE IN SEARCH ELEVATION ANGLE, A 50% INCREASE IN ON-MOUNT AMMUNITION CAPACITY AND RATE OF FIRE, AND RELIABILITY AND MAINTAINABILITY (R&M) IMPROVEMENTS. THIS UPGRADE IS ESSENTIAL TO MEET CURRENT AND PROJECTED ANTISHIP MISSILE (ASM) THREATS FOR WHICH THERE IS NO CURRENT MEANS OF SELF DEFENSE.																						
DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:																								
FINANCIAL PLAN (IN THOUSANDS)		QTY	FY 96 & PRIOR	QTY	FY 97	QTY	FY 98	QTY	FY 99	QTY	FY 00	QTY	FY 01	QTY	FY 02	QTY	FY 03	QTY	COST	COST				
<u>RDT&E</u>			96622.0																0	96622.0				
<u>PROCUREMENT</u>		229	284268	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	229	284268.0				
QUANTITY																			0	0.0				
INSTALLATION KITS		229	261276.0																229	261276.0				
PRODUCTION ENGINEERING																			0	0.0				
SERVICES			13801.0																0	13801.0				
PRODUCTION SUPPORT																			0	0.0				
SERVICES			9191.0																0	9191.0				
DATA																			0	0.0				
TRAINING EQUIPMENT																			0	0.0				
SUPPORT EQUIPMENT																			0	0.0				
OTHER																			0	0.0				
INTERIM CONTRACTOR SUPPORT																			0	0.0				
<u>INSTALLATION OF HARDWARE</u>																								
FY96 EQUIPMENT & PRIOR		184	33576	15	6640	10	9556	8	3456	7	3023	4	963	1	474				229	57688.00				
FY97 EQUIPMENT																			0	0.00				
FY98 EQUIPMENT																			0	0.00				
FY99 EQUIPMENT																			0	0.00				
FY00 EQUIPMENT																			0	0.00				
FY01 EQUIPMENT																			0	0.00				
FY02 EQUIPMENT																			0	0.00				
TO COMPLETE					198		305		177		57		16						0	753.00				
																			0	0.00				
TOTAL INSTALLATION COST			33576		6838		9861		3633		3080		979		474		0		0	58441.0				
TOTAL PROCUREMENT COST		229.0	284268.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	284268.0				
TOTAL COST			317844.0		6838.0		9861.0		3633.0		3080.0		979.0		474.0		0.0		0.0	342709.0				
METHOD OF IMPLEMENTATION:		ADMINISTRATIVE LEADTIME: 0 MOS															PRODUCTION LEADTIME: 24 MONTHS							
		BLOCK I CONVERSIONS WILL BE ACCOMPLISHED AT NSWC/LOUISVILLE AND THE PRIME CONTRACTOR FACILITY															CONVERSION WILL BE ACCOMPLISHED CONCURRENT WITH SCHEDULED OVERHAUL OF BLOCK 0 SYSTEMS.							
CONTRACT DATE:		PRIOR YEAR: JUL 95															CURRENT YEAR: N/A				BUDGET YEAR: N/A			
PRODUCTION DELIVER DATE:		PRIOR YEAR: JUL 97															CURRENT YEAR: N/A				BUDGET YEAR: N/A			
<u>INSTALLATION SCHEDULE:</u>																								
INPUT =====>			FY 97	FY 98	FY 99	FY 00	FY01	FY 02	FY03	TC										TOTAL				
			1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4										229				
FY 96 & prior 184			02,04,03,06	02,04,04,00	00,06,02,00	00,03,04,00	00,03,01,00	00,00,01,00	00,00,00,00	00,00,00,00														
FY 97																								
FY 98																								
FY 99																								
FY 00																								
OUTPUT =====>			FY 97	FY 98	FY 99	FY 00	FY 01	FY 02	FY03	TC										TOTAL				
			1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4										229				
FY 96 & PRIOR 180			00,02,08,03	04,02, 00, 06	00,04,04,04	00,00,03,02	00,02,02,02	00,00,00,01	00,00,00,00	00,00,00,00														
FY 97																								
FY 98																								
FY 99																								
FY 00																								

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BUDGET ITEM JUSTIFICATION SHEET P-40					DATE: FEBRUARY 1997			
APPROPRIATION/BUDGET ACTIVITY Weapons Procurement, Navy/BA-4: Other Weapons					P-1 ITEM NOMENCLATURE BLI - 421000 5"/54 GUN MOUNT MODS A4E5			
	1996	1997	1998	1999	2000	2001	2002	2003
QUANTITY								
COST (In Millions)	\$ 2.5	\$ 2.8	\$.2	\$.9	\$ 9.9	\$ 10.0	\$ 10.3	\$ 10.5
Item Description/Justification:								
E5006 SAFETY/SHOCK ORDALTS - This element is for procurement of gun safety and shock hardening ORDALTS for 5"/54 MK 42 and MK 45 gun mounts.								
	<u>FY 96</u>	<u>FY 97</u>	<u>FY 98</u>	<u>FY 99</u>	<u>FY 00</u>	<u>FY 01</u>	<u>FY 02</u>	<u>FY 03</u>
Safety/Shock ORDALTS	\$ 2,533	\$ 2,816	\$ 241	\$ 924	\$ 9,823	\$ 8,229	\$ 7,522	\$ 6,572
Fire Support ORDALTS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 74	\$ 1,786	\$ 2,736	\$ 3,955
Total Program	\$ 2,533	\$ 2,816	\$ 241	\$ 924	\$ 9,897	\$ 10,015	\$ 10,258	\$ 10,527

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: FEBRUARY 1997	
APPROPRIATION/BUDGET ACTIVITY Weapons Procurement, Navy/BA-4: Other Weapons				P-1 ITEM NOMENCLATURE MK75/76MM GUN MOUNT MODS A4DU				
	1996	1997	1998	1999	2000	2001	2002	2003
QUANTITY								
COST (In Millions)	\$.9	\$.7	\$.0	\$.0	\$.0	\$.0	\$.0	\$.0
Item Description/Justification:								
This funding will provide for the procurement of safety/shock ORDALT alterations for the MK75 gun mounts.								
The ORDALTS will provide safety improvements for FFG 7, USCG WMEC 270 and USCG WHEC								
Installation of Mod Equipment - FY96 and out are turn-key installations.								
	<u>FY 96</u>	<u>FY 97</u>	<u>FY 98</u>	<u>FY 99</u>	<u>FY 00</u>	<u>FY 01</u>	<u>FY 02</u>	<u>FY 03</u>
Safety/Shock ORDALTS	\$ 877	\$ 672	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

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BUDGET ITEM JUSTIFICATION SHEET							DATE: FEBRUARY 1997																			
APPROPRIATION/BUDGET ACTIVITY Weapons Procurement, Navy/BA-4: Other Weapons					BLI - 422000 MODS UNDER \$2 MILLION - A4E6																					
	1996	1997	1997	1997	1997	1997	2002	2003																		
QUANTITY																										
COST (In Millions)	\$ 1.6	\$ 1.6	\$ 1.6	\$ 1.6	\$ 1.6	\$ 1.6	\$ 1.4	\$ 1.5																		
<p>Item Description/Justification:</p> <p>This line provides for the procurement of ORDALTS and miscellaneous equipment for a wide variety of current and outdated minor caliber ordnance including 20MM through 40MM gun systems and 60MM and 81MM mortars.</p> <p>Cost Element E6001: This element procures ORDALTS required to improve safety and reliability for minor caliber ordnance much of which is outdated and difficult to support. It provides initial fill kits and replacement of surveyed and outdated minor caliber ordnance for active ships. This element also procures MK11 saluting mounts and related components.</p> <table border="0" style="width: 100%; margin-top: 20px;"> <thead> <tr> <th></th> <th><u>FY 1996</u></th> <th><u>FY 1997</u></th> <th><u>FY 1998</u></th> <th><u>FY 1999</u></th> <th><u>FY 2000</u></th> <th><u>FY 2001</u></th> <th><u>FY 2002</u></th> <th><u>FY 2003</u></th> </tr> </thead> <tbody> <tr> <td>Minor Caliber ORDALTS</td> <td>\$ 1,600</td> <td>\$ 1,574</td> <td>\$ 1,574</td> <td>\$ 1,574</td> <td>\$ 1,574</td> <td>\$ 1,574</td> <td>\$ 1,438</td> <td>\$ 1,476</td> </tr> </tbody> </table>										<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	Minor Caliber ORDALTS	\$ 1,600	\$ 1,574	\$ 1,574	\$ 1,574	\$ 1,574	\$ 1,574	\$ 1,438	\$ 1,476
	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>																		
Minor Caliber ORDALTS	\$ 1,600	\$ 1,574	\$ 1,574	\$ 1,574	\$ 1,574	\$ 1,574	\$ 1,438	\$ 1,476																		

CLASSIFICATION: UNCLASSIFIED

INDIVIDUAL MODIFICATION

P-3A

MODIFICATION TITLE: MINOR CALIBER ORDNANCE - E6001

MODELS OF SYSTEM AFFECTED: 20MM THROUGH 40MM GUN SYSTEMS AND 60MM AND 81MM MORTARS

DESCRIPTION/JUSTIFICATION: PROVIDES FOR ORDALTS, INITIAL FILL KITS AND MK 11 SALUTING MOUNTS

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

FINANCIAL PLAN (in millions)	FY 95 & PRIOR		FY 96		FY 97		FY 98		FY 99		FY 00		FY 01		FY 02		TO COMPL	Total	
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	
RDT&E																			
PROCUREMENT																			
KIT QUANTITY																			
INSTALLATION KITS		8.4		1.6		1.6		1.3		1.3		1.4		1.4		1.4	Continuing	Continuing	
INSTALLATION KIT NONRECURRING EQUIPMENT																			
EQUIPMENT NONRECURRING																			
ENGINEERING CHANGE ORDERS																			
DATA																			
TRAINING EQUIPMENT																			
SUPPORT EQUIPMENT																			
OTHER																			
INTERIM CONTRACTOR SUPPORT																			
INSTALLATION OF HARDWARE		0.2																	
FY 1995 & PRIOR																			0.2
TOTAL INSTALLATION COST		0.2																	0.2
TOTAL PROCUREMENT COST		8.6		1.6		1.6		1.3		1.3		1.4		1.4		1.4	Continuing	Continuing	

METHOD OF IMPLEMENTATION:

INSTALLATIONS ARE MADE BY MANUFACTURING ACTIVITY
ADMINISTRATIVE LEADTIME:

PRODUCTION LEADTIME:

CONTRACT DATE:

Prior Year: Various

Current Year: Various

Budget Year: Various

PRODUCTION DELIVER DATE:

Prior Year: Various

Current Year: Various

Budget Year: Various

INSTALLATION SCHEDULE:

INPUT

OUTPUT

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BUDGET ITEM JUSTIFICATION SHEET P-40					DATE: February 1997			
APPROPRIATION/BUDGET ACTIVITY Weapons Procurement, Navy BA 4 - Other Weapons					P-1 ITEM NOMENCLATURE Pioneer UAV Defense Airborne Reconnaissance Program (DARP)			
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY								
COST (In Millions)	*	**	\$46.7	\$19.9	\$10.9	\$7.9	\$8.0	\$0.0
<p>The Pioneer UAV system provides near-real-time reconnaissance, surveillance, target acquisition (RSTA) and combat assessment (CA) within line-of-sight of a ground control station, both day and night. The Pioneer UAV provides high quality video imagery to ground processing stations via datalink. Nine Pioneer systems are fielded. Five systems support U.S. Navy operations, including current testing/evaluation and deployment aboard three configured LPD ships; three systems support U.S. Marine Corps land based operations, and the remaining system supports training requirements. The Pioneer funding provides: replenishment spares needed to improve reliability and maintainability to achieve 85% readiness and replenish Unit Support Kits (USKs); readiness impact items that are required to maintain systems safety changes or correct critical system deficiencies resulting from emerging obsolescence; ability to maintain the readiness posture of operationally deployed systems; and improvements to meet requirements generated from Desert Storm, Somalia, and Bosnia operations lessons learned. In FY1996 procurement funds were used to buy critical spare parts and obsolescence engineering change proposals (ECPs). In FY1997 procurement funds will buy air vehicles, payloads, attrition spares and engineering change proposals such as plotter ECP, TCU air conditioner ECP, PCS autotracking ECP, engine improvements and shipboard antennas. In FY 1998 funds are requested for air vehicles ECPs that provide better weather resistance, flotation and locator transmitter, further engine improvements or replacement engine procurement, circuit board ECPs, intelligence bay ECP and obsolescence ECPs for FY98. FY1999-FY2002 procurement funds will buy support and equipment to maintain the Pioneer system. This profile supports the present TUAV transition schedule that effectively extends Pioneer through FY2003.</p> <p>* Prior to FY 1997 the Pioneer program was budgeted in the Procurement, Defense-Wide appropriation.</p> <p>** FY 1997 Pioneer is budgeted in the Other Procurement, Navy (OPN) appropriation.</p>								

P-1 SHOPPING LIST

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CLASSIFICATION **UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS										DATE:		
P-5										February 1997		
APPROPRIATION/BUDGET ACTIVITY					P-1 ITEM NOMENCLATURE/SUBHEAD							
Weapons Procurement, Navy BA 4 - Other Weapons					Pioneer UAV Defense Airborne Reconnaissance Program (DARP)							
COST CODE	ELEMENT OF COST	IDENT CODE	TOTAL COST IN THOUSANDS OF DOLLARS									
			FY 1996		FY 1997		FY 1998		FY 1999			
			QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST		
	<u>Pioneer System</u>											
	Unit Support Hardware			*		**				16,200		6,000
	Production Support			*		**				3,400		3,400
	Air Vehicles			*		**		15		9,900		
	Payloads			*		**		20		2,000		
	Engineer Change Proposals (ECPs)			*		**				15,185		10,475
	* Prior to FY 1997 the Pioneer program was budgeted in the Procurement, Defense-Wide appropriation.											
	** FY 1997 Pioneer is budgeted in the Other Procurement, Navy (OPN) appropriation.											
					0		0			46,685		19,875

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)									A. DATE February 1997	
B. APPROPRIATION/BUDGET ACTIVITY Weapons Procurement, Navy BA 4 - Other Weapons				C. P-1 ITEM NOMENCLATURE Pioneer UAV Defense Airborne Reconnaissance Program (DARP)				SUBHEAD TBD		
Cost Element/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST (000)	SPECS AVAILABLE NOW	SPEC REV REQ'D	IF YES WHEN AVAILABLE
<u>Pioneer UAV</u> FY1998 - Payloads	Pioneer UAV, Inc. Hunt Valley, MD	SS/FFP	UAV-JPO	Jan 98	Jun 98	20	100	Yes		
FY1998 - Air Vehicles	Pioneer UAV, Inc. Hunt Valley, MD	SS/FFP	UAV-JPO	Jan 98	Sep 98	15	660	Yes		
D. REMARKS										

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BUDGET ITEM JUSTIFICATION SHEET							DATE: FEBRUARY 1997															
P-40																						
APPROPRIATION/BUDGET ACTIVITY WEAPONS PROCUREMENT, NAVY(WPN) BA-4 OTHER WEAPONS					P-1 ITEM NOMENCLATURE CANCELLED ACCOUNT ADJUST BLI 450000																	
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003														
QUANTITY																						
COST (In Millions)	* \$3.6	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0														
<p>THIS LINE ITEM PROVIDES REPROGRAMMED FUNDS TO COVER COSTS ASSOCIATED WITH PROGRAMS IN CANCELLED FISCAL YEARS.</p> <p style="text-align: center;">PAYMENTS AGAINST CANCELLED FISCAL YEARS:</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="padding-right: 20px;">FY 1983</td><td style="text-align: right;">5</td></tr> <tr><td>FY 1984</td><td style="text-align: right;">1847</td></tr> <tr><td>FY 1985</td><td style="text-align: right;">837</td></tr> <tr><td>FY 1986</td><td style="text-align: right;">866</td></tr> <tr><td>FY 1987</td><td style="text-align: right;">5</td></tr> <tr><td>FY 1988</td><td style="text-align: right;">143</td></tr> <tr><td>TOTAL</td><td style="text-align: right;">3703</td></tr> </table> <p>* There is \$148K funding mistakenly identified under P-1 #38 "Prior Year Deficiencies" due to a computer miscalculation. These funds should be included in this line item.</p>									FY 1983	5	FY 1984	1847	FY 1985	837	FY 1986	866	FY 1987	5	FY 1988	143	TOTAL	3703
FY 1983	5																					
FY 1984	1847																					
FY 1985	837																					
FY 1986	866																					
FY 1987	5																					
FY 1988	143																					
TOTAL	3703																					

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BUDGET ITEM JUSTIFICATION SHEET P-40					DATE: FEBRUARY 1997			
APPROPRIATION/BUDGET ACTIVITY WEAPONS PROCUREMENT, NAVY(WPN) BA-4 OTHER WEAPONS					P-1 ITEM NOMENCLATURE PRIOR YEAR DEFICIENCIES			
	FY 1997	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY								
COST (In Millions)	\$0.1*	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<p>* This budget line item was created by a computer miscalculation, funds should have been identified as: Cancelled Account Adjustments - P-1 line item 37</p>								

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CLASSIFICATION:

WEAPON SYSTEM COST ANALYSIS P-5							DATE: FEBRUARY 1997			
APPROPRIATION/BUDGET ACTIVITY					P-1 ITEM NOMENCLATURE/SUBHEAD					
WPN/BA-4 OTHER WEAPONS					PRIOR YEAR DEFICIENCIES X4PW					
TOTAL COST IN THOUSANDS OF DOLLARS										
COST CODE	ELEMENT OF COST	IDENT CODE	FY 1996		FY 1997		FY 1998		FY 1999	
			QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST
	Shown in P-1 #37 "Cancelled Accounts Adjustment			148						
TOTAL				148		0		0		0

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