

DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2002
AMENDED BUDGET SUBMISSION



JUSTIFICATION OF ESTIMATES
JUNE 2001

PROCUREMENT OF AMMUNITION,
NAVY AND MARINE CORPS
BUDGET ACTIVITY 1

UNCLASSIFIED

DEPARTMENT OF THE NAVY

FY 2002 PROCUREMENT PROGRAM

SUMMARY
(\$ IN MILLIONS)

JUNE 2001

APPROPRIATION: PROCUREMENT OF AMMO, NAVY & MARINE CORPS

ACTIVITY -----	FY 2000 -----	FY 2001 -----	FY 2002 -----
01. PROC AMMO, NAVY	349.7	329.3	313.5
02. PROC AMMO, MC	192.0	164.5	143.5
TOTAL PROCUREMENT OF AMMO, NAVY & MARINE C	541.7	493.8	457.0

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 2002 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 1508N PROCUREMENT OF AMMO, NAVY & MARINE CORPS

DATE: JUNE 2001

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2000		FY 2001		FY 2002		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BUDGET ACTIVITY 01: PROC AMMO, NAVY									

NAVY AMMUNITION									
1	GENERAL PURPOSE BOMBS	A		86.7		67.5		65.1	U
2	CANCELLED ACCOUNT ADJUSTMENTS	A		*					U
3	JDAM	B	1864	36.1	2072	24.2	1417	41.1	U
4	2.75 INCH ROCKETS	A		22.1					U
5	AIRBORNE ROCKETS, ALL TYPES	A				17.0		21.1	U
6	MACHINE GUN AMMUNITION	A		9.1		8.2		16.4	U
7	PRACTICE BOMBS	A		44.9		62.5		35.0	U
8	CARTRIDGES & CART ACTUATED DEVICES	A		30.6		22.3		26.7	U
9	AIRCRAFT ESCAPE ROCKETS	A		10.4		10.5		10.8	U
10	AIR EXPENDABLE COUNTERMEASURES	A		47.2		45.4		36.4	U
11	JATOS	A		3.8		4.9		4.8	U
12	5 INCH/54 GUN AMMUNITION	A		15.7		14.8		12.0	U
13	EXTENDED RANGE GUIDED MUNITIONS (ERGM)	B		3.0		5.7		5.2	U
14	76MM GUN AMMUNITION	A		7.0		8.7		1.0	U
15	OTHER SHIP GUN AMMUNITION	A		5.8		5.1		7.3	U
16	SMALL ARMS & LANDING PARTY AMMO	A		8.0		8.7		8.9	U
17	PYROTECHNIC AND DEMOLITION	A		8.1		6.3		8.4	U
18	MINE NEUTRALIZATION DEVICES	A		9.1		7.3		5.0	U
19	AMMUNITION LESS THAN \$5 MILLION	A		2.2		1.3		1.3	U

DEPARTMENT OF THE NAVY
FY 2002 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 1508N PROCUREMENT OF AMMO, NAVY & MARINE CORPS

DATE: JUNE 2001

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2000		FY 2001		FY 2002		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
20	CAWCF CLOSURE COSTS	A				9.0		7.0	U
TOTAL PROC AMMO, NAVY				349.7		329.3		313.5	
BUDGET ACTIVITY 02: PROC AMMO, MC									
MARINE CORPS AMMUNITION									
21	5.56 MM, ALL TYPES	A		31.8		25.2		9.4	U
22	7.62 MM, ALL TYPES	A		6.2		3.0		7.4	U
23	LINEAR CHARGES, ALL TYPES	A		29.4		34.7		19.0	U
24	.50 CALIBER	A		11.6		8.6		6.2	U
25	40 MM, ALL TYPES	A		5.9		3.0		5.9	U
26	60MM, ALL TYPES	A		16.3		.7		2.7	U
27	81MM, ALL TYPES	A		.1		4.9		6.7	U
28	120MM, ALL TYPES	A		3.0		7.6		7.6	U
29	CTG 25MM, ALL TYPES	A		12.1		3.9		6.0	U
30	9 MM ALL TYPES	A		3.2		2.6		2.8	U
31	GRENADERS, ALL TYPES	A		13.2		10.8		10.5	U
32	STINGER SLEP	A		2.0		3.9		7.3	U
33	ROCKETS, ALL TYPES	A		14.2		11.1		4.8	U
34	ARTILLERY, ALL TYPES	A		.2		15.2		24.5	U
35	DEMOLITION MUNITIONS, ALL TYPES	A		26.9		9.6		2.9	U
36	FUZE, ALL TYPES	A		2.4		.2			U
37	NON LETHALS	B		2.0		4.4		4.5	U
38	AMMO MODERNIZATION	A		10.6		6.8		7.0	U

DEPARTMENT OF THE NAVY
 FY 2002 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 1508N PROCUREMENT OF AMMO, NAVY & MARINE CORPS

DATE: JUNE 2001

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2000		FY 2001		FY 2002		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
39	ITEMS LESS THAN \$5 MILLION	A		.9		.9		1.0	U
40	CAWCF CLOSURE COSTS	A				7.3		7.2	U
TOTAL PROC AMMO, MC				192.0		164.5		143.5	
TOTAL PROCUREMENT OF AMMO, NAVY & MARINE CORPS				541.7		493.8		457.0	

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: June 2001					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							P-1 ITEM NOMENCLATURE General Purpose Bombs (J1Q2)					
Program Element for Code B Items: B.A.1 - Navy Ammunition							Other Related Program Elements					
	Prior Years*	ID Code	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY												
COST (In Millions)	\$173.0	A	\$86.7	\$67.5	\$65.2						Cont	Cont
<p>The BLU-111 (FY 02 and FY 03) procurement is for expenditure replacement and to maintain war reserve. The BLU-111 A/B is a thermally protected 500 lb bomb filled with plastic bonded explosive (PBXN-109) to enhance its insensitivity.</p> <p>The procurement of Laser Guided Bomb (LGB) guidance units and airfoils (FY 00, FY 01, FY 02 and FY 03) will be combined with warheads and fuzes from inventory. These procurements are to accommodate training and improve the war reserve posture.</p> <p>The MK 83 Conical Fins (FY 00) will be procured to replace expenditures and to maintain war reserve.</p> <p>The BLU -117/B (FY 99, 00, and 01) procurement is for expenditure replacement and to maintain war reserve. This weapon is a 2000 lb bomb filled with insensitive explosive for shipboard use, which is an improved weapon over the older MK84.</p> <p>GBU-24/BLU-109 (FY 99): The USN version consists of a 2000lb class BLU-109 warhead filled with approximately 535lbs of PBXN-109, a WGU-39 guidance and control unit, an FMU-143E/B tail fuse (with a less IM sensitive PBXN-7 booster and lead), FZU-32 arming unit, ADG-770 adapter group, and BSU-84 AFG. The FMU-143E/B fuse and BLU-109 warhead transitioned to the Single Manager for Conventional Ammunition in FY 95.</p> <p>FMU 139 Fuze modification program (FY 99, 00, and 01) - The FMU 139 fuses are required for the Laser Guided Bombs. This program will replace the explosive (rebooster) and perform other engineering changes to increase safety. Fuzes which are classified as not ready for issue will be retrieved from inventory, modified, then returned to inventory in a ready for issue status. Kosovo operations reduced the number of available fuzes requiring an acceleration in this effort. FY 1999 costs include the procurement and installation of equipment, explosive and parts procurement, personnel training, as well as labor costs to begin modifications of approximately 200,000 fuzes. The total estimated cost is \$29M for this effort over a three year period. The Product Improvement Program (PIP) is used to continue investigation regarding hardware coating materials necessary in meeting the Environment Protection Agency's more stringent requirements.</p> <p>PES/ILS: Production engineering support (PES) and Integrated logistics support (ILS) are continuing efforts in support of the procurement of GP bombs and ancillary components. These efforts include providing recommendations and assisting in rapid resolution of maintenance procedure discrepancies to achieve optimum asset readiness; audits, pre-award surveys, post award surveys, post award conferences, First Article Testing or any other technical problems which may arise. These funds are provided in parallel with the FY 99, FY 00, 01, 02 and FY 03 buy of end items.</p> <p>Formerly managed under PEO(t) and subhead Y1Q2, this program was transferred to PEO(W). Beginning with FY 01, it will be executed under subhead J1Q2.</p>												
Navy Reserves	.1	<u>00</u>	<u>01</u>	<u>02</u>								
			.1	.1	.1							
*FY 95/96/97 only. Prior to FY 95 Program was budgeted under WPN.												

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a						DATE: June 2001					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS						P-1 ITEM NOMENCLATURE General Purpose Bombs (J1Q2)					
Procurement Items	ID Code	Prior Years*	FY 2000	FY 2001	FY 2002						
MK 83 Conical Fins	A	--									
QTY			7,188								
Funding			\$1,330								
LGB AFG(MXU-667/B/MXU-650/B)	A	--									
QTY			4,861	3,023	1,585						
Funding			\$30,687	\$11,046	\$7,808						
LGB Guidance Unif (MAU-169 GUID UNIT)	A	--									
QTY			2,611	3,023	1,585						
Funding			\$29,376	\$23,171	\$17,122						
BLU117/B (2000LB) TP	A	--									
QTY			1,554	1,929							
Funding			\$13,762	\$18,326							
BLU-111	A	--									
QTY					14,452						
FUNDING					\$36,495						
SUPPORT											
FMU-139 FUZE MOD PIP	A	-	\$4,652	\$9,384	\$0						
ALL OTHER SUPPORT			\$6,933	\$5,604	\$3,730						
TOTAL P-1 FUNDING		\$173,039	\$86,740	\$67,531	\$65,155						

P-1 SHOPPING LIST

CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System			DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A. 1 - Navy Ammunition						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD GENERAL PURPOSE BOMBS (J1Q2)					
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS									
			Prior Years	FY 2000			FY 2001			FY 2002		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
PROCUREMENTS												
Q2030	MK-83 Conical Fins (EA96)	A		7,188	185.03	1,330						
Q2160	BLU-117/B (2000LB BOMB)(EB04)	A		1,554	8,855.66	13,762	1,929	9,500.21	18,326			
Q2191	BLU-111A/B PBX Load(F289)	A								14,452	2,525.28	36,495
Q2180	<u>LGB KITS SUBTOTAL</u>					<u>60,063</u>			<u>34,217</u>			<u>24,930</u>
	AIR FOILS(MXU-667/B)(FW95)	A		750	5,941.00	(4,456)	3,023	3,654.00	(11,046)	792	5,147.55	(4,077)
	AIR FOILS (MXU-650/B) (F763)	A		1,500	4,724.00	(7,086)			0	793	4,704.75	(3,731)
	GUIDANCE UNIT MAU-169 (FW94)	A		500	14,256.00	(7,128)	3,023	7,665.00	(23,171)	1,585	10,802.48	(17,122)
	AIR FOILS (MXU-667/B)	A		500	17,999.98	(9000)						
	AIR FOILS (MXU-667/B) (FW95)	A		1,056	5,022.00	(5,303)						
	AIR FOILS (MXU-650/B) (F763)	A		1,055	4,590.00	(4,842)						
	GUIDANCE UNIT MAU-169 (FW94)	A		2,111	10,539.00	(22,248)						
PROCUREMENT SUPPORT, MODS, AND OTHER												
Q2800	<u>ILS SUBTOTAL</u>					<u>1,495</u>			<u>714</u>			<u>400</u>
	ILS (GP Bombs)					(1,208)			(489)			(200)
	ILS (GBU)					(287)			(225)			(200)
Q2830	<u>PES/NAVY SUBTOTAL</u>					<u>4,372</u>			<u>4,230</u>			<u>2,580</u>
	PES (GP Bombs)					(2,312)			(2809)			(1248)
	PES (GBU & LGB)					(2,060)			(1421)			(1332)
Q2850	PIP					527			135			100
Q2850	FMU 139 Fuze Modification PIP					4,652			9,384			0
Q2892	Non Standard Items					100			100			200
Q2893	Renovation Components					200			175			200
Q2894	Gaging					239			250			250
TOTAL				173,039		86,740			67,531			65,155

CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE June 2001			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A.1 - NAVY AMMUNITION					C. P-1 ITEM NOMENCLATURE General Purpose Bombs				SUBHEAD J1Q2	
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
Q2030 <u>MK 83 Conical Fins</u> FY00	7,188	185.03	Rock Island, IL	Jan-00	C/FP	MTD	Apr 00	Apr 01	YES	
Q2160 <u>BLU-117/B (2000LB)</u> FY99	588	9,307.41	Rock Island, IL	Jan-99	C/FP	MCALESTER, AAP	Jul-99	Oct-02	YES	
FY00	1,554	8,855.66	Rock Island, IL	Jan-00	C/FP	MCALESTER, AAP	Jul-00	Mar-03	YES	
FY01	1,929	9,500.21	Rock Island, IL	Jan-01	C/FP	MCALESTER, AAP	Jan-01	Aug-03	YES	
Q2191 <u>BLU-111A/B (F289)</u> FY02	14,452	2,525.28	Rock Island, IL	TBD	C/FP	UNKNOWN	Jul-02	Sep-03	YES	
Q2180 <u>LASER GUIDED BOMBS KITS</u> <u>Aug 00 Award</u>										
FY00(MXU-667/B)*	750	5,941.00	Hill AFB	Jul-00	SS/FP	RAYTHEON	Aug-00	Feb-02	YES	
FY00(MXU-650/B)*	1,500	4,724.00	Hill AFB	Jul-00	SS/FP	RAYTHEON	Aug-00	Oct-00	YES	
FY00(MAU-169 G Unit)*	500	14,256.00	Hill AFB	Jul-00	SS/FP	RAYTHEON	Aug-00	Oct-00	YES	
<u>Feb 01 Award</u> FY00(MXU-667/B)*	500	17,999.98	NAVAIR	Jul-00	SS/FP	LOCKHEED	Feb-01	Feb-02	YES	
<u>Mar 01 Award</u> FY 00 (MXU-667/B)	977	5,022.00	Hill AFB	Oct-00	C/FP	RAYTHEON	Mar-01	Apr-02	YES	
FY 00 (MXU-650/B)	977	4,590.00	Hill AFB	Oct-00	C/FP	RAYTHEON	Mar-01	Jan-02	YES	
FY00 (MAU-169) FW94	1,954	10,539.00	Hill AFB	Oct-00	C/FP	RAYTHEON	Mar-01	Jan-02	YES	
FY01 (MAU-169) FW94	3,023	7,665.00	Hill AFB	Nov-00	C/FP	RAYTHEON	Mar-01	Jul-02	YES	
FY01(MXU-667/B)	3,023	3,654.00	Hill AFB	Nov-00	C/FP	RAYTHEON	Mar-01	Jul-02	YES	
<u>Jul 01 Award</u> FY00 (MXU-667/B)	79	5,022.00	Hill AFB	TBD	SS/FP	RAYTHEON	Jul-01	Jun-02	YES	
FY00(MXU-650/B)	78	4,590.00	Hill AFB	TBD	SS/FP	RAYTHEON	Jul-01	Jun-02	YES	
FY00(MAU-169)	157	10,539.00	Hill AFB	TBD	SS/FP	RAYTHEON	Jul-01	Jun-02	YES	
<u>FY 02 Awards</u> FY02(MAU 169 G Unit)	1,585	10,802.48	Hill AFB	TBD	C/FP	UNKNOWN	Mar-02	Apr-03	YES	
FY02(MXU-667/B)	792	5,147.55	Hill AFB	TBD	C/FP	UNKNOWN	Mar-02	Apr-03	YES	
FY02(MXU-650/B)	793	4,704.75	Hill AFB	TBD	C/FP	UNKNOWN	Mar-02	Apr-03	YES	

D. REMARKS: *The FY 00 LGB KOSOVO supplemental dollars was to be awarded March 01 because this is the earliest Hill AFB could award it as a C/FP. The FY00 was combined with the FY 01 buy. The FY00 August 00 award for the MXU-667/B, MXU-650/B and MAU-169 Guidance Unit (Sole Source) were bought with containers.

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET											DATE:	
P-40											June 2001	
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/B.A. 1.Ammunition							JOINT DIRECT ATTACK MUNITION (JDAM)					
Program Element for Code B Items:							Other Related Program Elements					
0204162N							None					
	Prior Years	ID Code	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Program
QUANTITY	1,292	A/B	916	2,072	1,417							Continuing
COST (\$M)	\$60.2		\$36.1	\$69.2	\$41.1						Continuing	Continuing
Initial Spares (\$M)												
Total (\$M)	\$60.2		\$36.1	\$69.2	\$41.1						Continuing	Continuing
Unit Cost (\$M)	0.047		0.039	0.033	0.029							
<p>MISSION AND DESCRIPTION Operation Desert Storm confirmed the need for a more accurate weapon delivery capability in adverse weather conditions and from medium/high altitudes. Failure to satisfy this requirement will allow the enemy to continue to take advantage of the sanctuary of weather and/or prevent US air power from prosecuting a conflict on its terms. JDAM is an Air Force and Navy munitions program to correct these shortfalls, with the Air Force as the executive service. JDAM will upgrade the existing inventory of general purpose bombs (MK 84, BLU-109/B, MK83, and MK82) by integrating them with a guidance kit consisting of a global positioning system aided inertial navigation system (GPS/INS). JDAM will provide an accurate (13 meters) adverse weather capability. JDAM will initially be integrated with the B-52, B-2, B-1B and F/A-18C/D aircraft with follow-on integration on the F-16, F-15E, F-22, F-14, AV-8B, and F/A-18 E/F. The total production buy for JDAM is 87,496 units (62,000 for AF and 25,496 for Navy). No requirement for initial spares because of 20 year warranty.</p> <p>\$36.1M of FY2000 and \$45M of FY2001 were provided via the Emergency Supplemental Replenishment fund.</p> <p>\$69.2 includes \$45,000 million transfer of FY 1999 Emergency Supplemental Act.</p>												

P-1 SHOPPING LIST

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WEAPONS SYSTEM COST ANALYSIS									Weapon System			DATE:			
P-5												June 2001			
APPROPRIATION/BUDGET ACTIVITY									ID Code			P-1 ITEM NOMENCLATURE/SUBHEAD			
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/B.A. 1. Ammunition									B			JOINT DIRECT ATTACK MUNITION (JDAM)			
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2000			FY 2001			FY 2002			FY 2003		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
JD100	AIR VEHICLE	A/B	24,540	916	21,113	19,340	2,072	21,385	44,311	1,417	19,960	28,283			
JD200	FUZES	A/B	3,584	0	0	0	2,988	2,151	6,427	1,417	2,398	3,398			
JD300	WARHEAD (1)		9,611	916	13,108	12,007	540	16,176	8,735	0		0			
JD100	ENGINEERING CHANGE ORDERS (ECO)		0	0	0	0	0	0	1,329	0		849			
	TOTAL RECURRING FLYAWAY		37,735	916	34,221	31,347	2,072	29,345	60,802	1,417	22,957	32,530			
JD100	SCHEDULE ACCELERATION		822			0			0			0			
JD830	PRODUCTION TECH SUPPORT		11,528			2,859			5,618			6,809			
JD100	CONTRACTOR INCENTIVE		431			174			443			283			
JD840	PRODUCTION TEST		1,170			630			539			491			
JD100	AIRBORNE TEST EQUIPMENT		447			0			0			0			
JD850	DATA		0			1			6			2			
JD700	BLU-109 CABLES		720			0			0			0			
	TOTAL NON-RECURRING		15,118	916	4,000	3,664	2,072	3,189	6,606	1,417	5,353	7,585			
	TOTAL WEAPON FLYAWAY		52,853			35,011			67,408			40,115			
JD940	LOAD/BUILDUP TRAINERS		606			0			0			0			
JD960	TEST EQUIPMENT (2)		3,661			234			748			0			
JD970	ILS		2,347			610			569			798			
JD990	TRAINING		595			211			371			140			
JD920	DATA (TECHNICAL)		168			10			68			80			
	TOTAL FLEET SUPPORT		7,377	916	1,162	1,065	2,072	848	1,756	1,417	719	1,018			
	TOTAL WEAPON SYSTEM INITIAL SPARES		60,230			36,076			69,164			41,133			
	TOTAL PROGRAM COST		60,230	916	39,383	36,076	2,072	33,381	69,164	1,417	29,028	41,133			

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P-1 SHOPPING LIST

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Note (1). QUANTITY AND COSTS ARE FOR BLU-109 WARHEADS ONLY. MK84 AND MK83 WARHEADS ARE IN EXISTING INVENTORY.
 Note (2). TEST EQUIPMENT INCLUDES THE COST FOR THE COMMON MUNITION BIT REPROGRAMMABLE EQUIPMENT (CMBRE).

CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/B.A.1					C. P-1 ITEM NOMENCLATURE JOINT DIRECT ATTACK MUNITION (JDAM)				SUBHEAD J1JD	
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
FY00 Lot 4 JDAM	916	34,221	USAF ASC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 00	Mar 01	N/A ⁽¹⁾	N/A
FY01 Lot 5 JDAM	1822	29,345	USAF ASC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Mar 01 ⁽²⁾	Mar 02	N/A ⁽¹⁾	N/A
FY02 Lot 6 JDAM	1667 ⁽³⁾	22,957	USAF ASC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 02	Mar 03	N/A ⁽¹⁾	N/A

(1). SPECIFICATIONS HAVE BEEN WAIVED DUE TO JDAM's STATUS AS AN ACQUISITION REFORM PILOT PROGRAM.
 (2). 672 JDAM TAILKITS WERE AWARDED MAR 01. AN OPTION FOR 1,150 WAS AWARDED MAY 01.
 (3) 250 UNITS OF THE 1667 WILL BE AWARDED WITH ESR FY01 FUNDS TO MAXIMIZE LOT 6 PRODUCTION.

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FY 2000/01 BUDGET PRODUCTION SCHEDULE, P-21						DATE						June 2001																		
APPROPRIATION/BUDGET ACTIVITY						Weapon System						P-1 ITEM NOMENCLATURE																		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/B.A. 1						Production Rate						Procurement Leadtimes																		
Item	Manufacturer's Name and Location					MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																
JDAM	Boeing St. Louis, MO					285/mo	1083/mo	1400/mo	0 mo	4	13	13	17	E																
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2000												FISCAL YEAR 2001												B A L
						1999			CALENDAR YEAR 2000									CALENDAR YEAR 2001												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
JDAM/Boeing - Lot 2	98	AF	1828	1718	110	110	0	0																				0		
Lot 2	98	N	547	225	322	190	132	0																				0		
Lot 3	99	AF	3778	0	3778				250	270	120	100	100	186	249	320	300	300	400	403	442	338						0		
Lot 3	99	N	745	0	745				0	0	180	200	200	114	51	0	0	0	0	0	0	0						0		
Lot 4	00	AF	8725	0	8725																	0	184	650	700	700	700	700	5091	
Lot 4	00	N	916	0	916					A												500	416					0		
Lot 5	01	AF	9164	0	9164																	A						9164		
Lot 5	01	N	1822	0	1822																	A		A				1822		
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2002												FISCAL YEAR 2003												B A L
						2001			CALENDAR YEAR 2002									CALENDAR YEAR 2003												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
JDAM/Boeing - Lot 4	00	AF	8725	3634	5091	700	700	700	713	800	573	905																0		
Lot 4	00	N	916	916	0	0	0	0	0	0	0	0																0		
Lot 5	01	AF	9164	0	9164							101	1006	1006	1006	1006	1006	1006	968	524	610	665	260					0		
Lot 5	01	N	1822	0	1822																	376	396	341	276			0		
Lot 6	02	AF	8437	0	8437																		342	602	476	456	564	836	836	4325
Lot 6	02	N	1667	0	1667					A												220	220	222	322	433	250	0	0	
Remarks:														* The 433 units are MK-84 variants and are planned for early delivery of Lot 5. Of the remaining units, 1,187 are BLU-109 variants and 202 are MK-84 variants.																

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: June 2001					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					P-1 ITEM NOMENCLATURE 2.75 INCH ROCKETS (J1Q3)							
Program Element for Code B Items:					Other Related Program Elements							
	Prior Years*	ID Code	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY												
COST (In Millions)	\$68.0	A	\$22.1									
<p>Beginning in FY2001, 2.75" Rockets will be funded under a new budget line -- Airborne Rockets, All Types.</p> <p>Product Improvements address deficiencies in the safety, reliability and producability of the 2.75 inch rocket system. Specific projects include continuation of insensitive munitions rocket motor compliance efforts.</p> <p>Funds provided in the FY 1998 and FY 1999 budget requests provided for procurement of MK 66 rocket motors to keep pace with training requirements and continued procurements of M278 warhead.</p> <p>*Reflects FY1995-FY1999 only. These programs were funded in FY94 and prior from the Weapons Procurement, Navy (WPN) account.</p>												
NAVY RESERVE						<u>FY00</u> \$0.1						

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: June 2001					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS (\$000's)				P-1 ITEM NOMENCLATURE			P-1 ITEM NOMENCLATURE 2.75 INCH ROCKETS (J1Q3)					
Procurement Items	ID Code	Prior Years*	FY 2000	FY 2001***	FY 2003	FY 2004	FY 2003	FY 2005	FY 2006	FY 2007	To Complete	Total
MK 66 RKT MTR (HA07)	A											
Quantity		92818	32160									
Funding		\$41,707	\$14,057									
M278 WARHEAD (HA06)	A											
Quantity		13553	4720									
Funding		\$11,848	\$5,652									
Other Costs		\$14,438	\$2,379									
Total P-1 Funding		\$67,993	\$22,088									
*Reflects FY95-FY99 only, these programs were funded in FY94 and prior from the Weapons Procurement, Navy (WPN) account.												
**FY99 MK 66 Rocket motors is broken out into 2 buys. P5a has the breakout.												
***Beginning FY01, 2.75" Rockets will be funded under a new line -- Airborne Rockets, All Types.												

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System				DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & Marine Corps (\$000's)				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD 2.75 INCH ROCKETS (J1Q3)							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS									
			Prior Years*	FY 2000			FY 2001			FY 2002		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
Q3040	MK 66 Rocket Motor (HA07)	A	41,707	32,160	437.10	14,057						
Q3070	M278 IR Illum. Warhead (HA06)	A	11,848	4,720	1197.69	5,652						
Q3800	Integrated Logistics Support		867			305						
Q3830	Production Engineering Support(PES)		5,960			344						
Q3850	Product Improvement Program		6,876			1,550						
Q3892	Non-Standard Items		200			40						
Q3893	Renovation Components		295			60						
Q3894	Gaging		240			80						
			67,993			22,088						

*Reflects FY95-FY99 only, these programs were funded in FY94 and prior from the Weapons Procurement, Navy (WPN) account.

**Unit price reflects two separate buys. These buys are broken out on the P5A.

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CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					C. P-1 ITEM NOMENCLATURE 2.75 INCH ROCKETS				SUBHEAD J1Q3	
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
Q3040 MK 66 MOTORS										
FY 99*	20572	386.04	ARMY OSC	N/A	FFP	GENERAL DYNAMICS	Dec-98	Jun-00	YES	
Add on	1748	422.17	ARMY OSC	N/A	FFP	GENERAL DYNAMICS	May-00	Aug-01	YES	
FY 00	32160	437.10	ARMY OSC	N/A	FFP	GENERAL DYNAMICS	May-00	May-01	YES	
Q3070 M278 WARHEAD (HA06)										
FY 99**	3767	1186.61	ARMY OSC	N/A	FFP	GENERAL DYNAMICS	Jun-99	Nov-00	YES	
							Dec-99	Dec-00	YES	
							Apr-00	May-01	YES	
FY 00	4720	1197.69	ARMY OSC	N/A	FFP	GENERAL DYNAMICS	May-00	May-01	YES	
D. REMARK: Pricing is provided by the Army and incorporates other services' buys. *The FY99 MK 66 buy is on two separate delivery orders. **FY99 M278 procurement is on three separate delivery orders.										

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CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40						DATE: June 2001						
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS						P-1 ITEM NOMENCLATURE AIRBORNE ROCKETS, ALL TYPES (J1Q5)						
Program Element for Code B Items:						Other Related Program Elements						
	Prior Years*	ID Code	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY												
COST (In Millions)	--	A	--	\$17.0	\$21.1						Cont.	Cont.
<p>Funds provided prior to FY01 budget request were for the procurement of 2.75 inch rocket components along with associated product improvement, engineering and logistic support. Starting in FY01, this budget item is renamed "Airborne Rockets, All Types" to include both the 2.75 inch and 5 inch rocket systems.</p> <p>Procurements are to keep pace with the training usage of MK-66 rocket motors and maintain an adequate inventory of a variety of warheads for the 2.75" Rockets.</p> <p>Product improvements address deficiencies in the safety, reliability and producibility of Airborne Rockets. Specific projects include insensitive munitions improvements to the MK-66 rocket motor, safety improvements to Warheads, and reliability improvements to the 2.75 inch launchers.</p> <p>Upgrade MK66 from J147 to HA03. This is to prevent stabilizing rod ejection during the launch cycle and inspect for propellant grain defects.</p> <p>FY 02 introduces procurement of MK34 Smoke Warhead and Smokey Surface Air Missile (SAM) simulator required to maintain minimal inventory required to support training in accordance with APW ltr dtd 11 Jan 01, which states NNOR requirements.</p>												
NAVY RESERVE	<u>FY00</u> \$0.1	<u>FY01</u> \$0.1										

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS						DATE:					
P-40a						June 2001					
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE					
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS (\$000's)						AIRBORNE ROCKETS, ALL TYPES (J1Q5)					
Procurement Items	ID Code	Prior Years*	FY 2000	FY 2001*	FY 2002						
MK 66 Rocket Motor (HA07)	A										
Quantity				22024	19621						
Funding				\$9,467	\$9,325						
M278 IR Illum. Warhead (HA06)	A										
Quantity				1520	0						
Funding				\$2,385	\$0						
M229 HE Warhead	A										
Quantity				0	2000						
Funding				\$0	\$1,900						
WTU-1/B Inert Warhead (H663)	A										
Quantity				0	18742						
Funding				\$0	\$721						
MK34 Warhead	A										
Quantity				0	3500						
Funding				\$0	\$3,150						
Smokey SAM											
Quantity				0	6400						
Funding				\$0	\$832						
Upgrade J147 to HA03											
				\$2,562	\$2,209						
Support Costs											
				\$2,537	\$3,001						
Total P-1 Funding		--	--	\$16,951	\$21,138						

*Prior to FY01 2.75 " Rockets was funded under a the line 2.75" rockets.

P-1 SHOPPING LIST

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WEAPONS SYSTEM COST ANALYSIS P-5			Weapon System										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & Marine Corps (\$000's)			ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD AIRBORNE ROCKETS, ALL TYPES (J1Q5)												
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years*	FY 2000			FY 2001*			FY 2002						
				Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost				Total Cost
Q5040	MK 66 Rocket Motor (HA07)	A					22024	429.85	9467	19621	475.25	9325				
Q5070	M278 IR Illum. Warhead (HA06)	A					1520	1569.00	2385							
Q5080	M229 HE Warhead	A								2000	950.00	1900				
Q5030	WTU-1/B Inert Warhead (H663)	A								18742	38.47	721				
Q5100	MK34 Warhead	A								3500	900.00	3150				
Q5200	Smokey SAM	A								6400	130.00	832				
Q5050	Upgrade J147 to HA03								2562			2209				
Q5800	Integrated Logistics Support								310			334				
Q5830	Production Engineering Support(PES)								927			1167				
Q5850	Product Improvement Program								1200			1400				
Q5892	Non-Standard Items								40			40				
Q5893	Renovation Components								60			60				
*Prior to FY01 Airborne Rockets was funded under a the line 2.75" rockets.																
									16951				21138			

CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE		June 2001	
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					C. P-1 ITEM NOMENCLATURE AIRBORNE ROCKETS, ALL TYPES				SUBHEAD J1Q5	
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
Q3040 MK 66 MOTORS (HA07)										
FY 01	22024	429.85	ARMY OSC	N/A	FFP	GENERAL DYNAMICS	May-01	Nov-02	YES	
FY 02	19621	475.25	ARMY OSC	N/A	FFP	GENERAL DYNAMICS	May-02	Nov-03	YES	
M278 IR Illum. Warhead (HA06)										
FY 01	1520	1569.00	ARMY OSC	N/A	FFP	GENERAL DYNAMICS	May-01	Nov-02	YES	
M229 HE Warhead										
FY 02	2000	950.00	NAVAIR	N/A	N/A	NSWC,IH	May-02	Nov-03	YES	
WTU-1/B Inert Warhead (H663)										
FY 02	18742	38.47	ARMY OSC	N/A	FFP	GENERAL DYNAMICS	May-02	Nov-03	YES	
MK34 Smoke Warhead										
FY 02	3500	900.00	NSWC, IH	N/A	FFP	TBD	May-02	May-04	YES	
Smokey SAM (GTR-18)										
FY 02	6400	130.00	NAVAIR	N/A	N/A	NSWC, IH	May-02	Nov-03	YES	
D. REMARKS										
Pricing is provided by the Army and incorporates other services' buys.										
MK34 Warhead delivery includes 6 months lead time for First Article Acceptance Testing (FAAT).										

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CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: June 2001					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							P-1 ITEM NOMENCLATURE MACHINE GUN AMMUNITION (J1Q4)					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years*	ID Code	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY												
COST (In Millions)	\$37.5	A	\$9.1	\$8.2	\$16.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	Continuing	Continuing
<p>This line funds procurement of 20MM and 25MM ammunition used with various aircraft gun systems. 20MM ammunition includes procurements of PGU-27A/B (TP) in both the bulk and linked configuration. The bulk (linkless) configured cartridges are used in the M61A1/A2 Gun Systems in the F/A-18 and F-14 Aircraft. The linked configured cartridges are used in the M197 gunAH-1 aircraft. All 20MM ammunition is procured by the Army's Single Manager for Conventional Ammunition (SMCA). 25MM funds are for the PGU-32 Semi-Armor Piercing High Explosive Incendiary (SAPHEI) war fighting cartridge for the GAU-12 gun system in the AV-8B Aircraft.</p> <p>Funds requested for the Product Improvement Program (PIP) are required to: (1) Complete replacement for PGU-20/U depleted Uranium to a Titanium penetrator. (2) Piezo-Electric Transducer consolidation effort. (3) RMATS Multi-Purpose Study. (4) Bullet Tip Paint replacement for aerial target training.</p> <p>Formerly managed under PEO(T) and subhead Y1Q4, this program was transferred to PEO(W). Beginning with FY01, it will be executed under subhead J1Q4.</p> <p>*Reflects FY1995-FY1999 only. These programs were funded in FY94 and prior from the Weapons Procurement Navy (WPN) account.</p>												
NAVY RESERVE		<u>FY00</u> 0.3	<u>FY02</u> 0.3									

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CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS						DATE: June 2001					
P-40a											
APPROPRIATION/BUDGET ACTIVITY				P-1 ITEM NOMENCLATURE							
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS (\$000's)				MACHINE GUN AMMUNITION (J1Q4)							
Procurement Items	ID Code	Prior Years*	FY 2000	FY 2001	FY 2002						
20MM LINKLESS, TP, PGU-27A/B (AA24)											
Quantity	A	3,302,018	976,044	398,054	1,038,971						
Funding		\$20,761.0	\$7,301.0	\$2,659.0	\$7,065.0						
20MM LINKLESS, HEI, PGU-28A/B (AA22)											
Quantity	A	173,074	0	0	102,785						
Funding		\$4,508.0	\$0.0	\$0.0	\$3,358.0						
20MM LINK, TP, mixed w/tracer PGU-27A/B (AA27)											
Quantity	A	0	0	381,500	385,064						
Funding		\$0.0	\$0.0	\$3,290.0	\$3,377.0						
LINKING effort of PGU-27 TP and PGU-30 TPT (A450)											
Quantity	A	395,100	0	0	0						
Funding		\$756.0	\$0.0	\$0.0	\$0.0						
Other Costs		\$11,433.0	\$1,780.0	\$2,206.0	\$2,623.0						
Total P-1 Funding		\$37,458.0	\$9,081.0	\$8,155.0	\$16,423.0						
*Reflects FY1995-FY1999 only. These programs were funded in FY94 and prior from the Weapons Procurement Navy (WPN) account.											

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WEAPONS SYSTEM COST ANALYSIS											DATE: June 2001				
P-5															
APPROPRIATION/BUDGET ACTIVITY											ID Code				
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS											P-1 ITEM NOMENCLATURE/SUBHEAD				
											MACHINE GUN AMMUNITION (J1Q4)				
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years*	FY 2000			FY 2001			FY 2002					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
Q4010	20MM LINKLESS, TP, PGU-27A/B (AA24)	A	20,761	976,044	***	7,301	398,054	6.68	2,659	1,038,971	6.80	7,065			
Q4050	20MM LINKLESS, HEI, PGU-28A/B (AA22)	A	4,508	-	-	-	-	-	-	102,785	32.67	3,358			
Q4060	20MM LINK, TP, mixed w/tracer PGU-27A/B (AA27)	A	0	-	-	-	381,500	8.62	3,290	385,064	8.77	3,377			
Q4860	Linking Effort of PGU-27 TP and PGU-30 TPT (A450)**	A	756	-	-	-	-	-	-	-	-	-			
Q4800	Integrated Logistics Support		344			300			543			540			
Q4830	Prod. Engr. Sup.-Navy		7,140			1,205			1,230			1,600			
Q4850	Product Improvement Program		3,894			275			433			483			
Q4894	Gaging		55												
*Reflects FY95-FY99 only, these programs were funded in FY94 and prior from the Weapons Procurement Navy (WPN) account.															
*** The FY00 buy was split between Alliant Tech and Primex and incorporates three separate buys. See P-5A for breakout.															
Pricing is provided by the Army and incorporates other services' buys.															
Unit cost for FY01 AA27 does not match actual cost because item is evenly packaged in 250.															
TOTAL			37,458			9,081			8,155			16,423			0

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CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					C. P-1 ITEM NOMENCLATURE MACHINE GUN AMMUNITION					SUBHEAD J1Q4	
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	IF YES WHEN AVAILABLE	
20MM LINKLESS, TP, PGU-27A/B (AA24)											
FY00	827,676	5.95	ARMY IOC	N/A	FFP	PRIMEX	Aug-00	Apr-01	YES		
*FY00	20,000	19.59	ARMY IOC	N/A	FFP	PRIMEX	Aug-00	Apr-01	YES		
FY00	128,368	6.44	ARMY IOC	N/A	FFP	ALLIANT TECH	Aug-00	Apr-01	YES		
FY01	398,054	6.68	ARMY IOC	N/A	FFP	PRIMEX	Apr-01	Oct-01	YES		
FY02	1,038,971	6.80	ARMY IOC	N/A	FFP	TBD	Apr-02	Oct-02	YES		
20MM LINKLESS, HEI, PGU-28A/B (AA22)											
FY02	102,785	32.67	ARMY IOC	N/A	FFP	TBD	Apr-02	Oct-02	YES		
20MM LINK, TP, mixed w/tracer PGU-27A/B (AA27)											
FY01	381,500	8.62	ARMY IOC	N/A	FFP	PRIMEX	Apr-01	Oct-01	YES		
FY02	385,064	8.77	ARMY IOC	N/A	FFP	TBD	Apr-02	Oct-02	YES		
*REFERENCE ROUNDS											
<p>D. REMARKS: *** FY00 Contract was split between Alliant Tech and Primex, which has two different unit costs. The total cost includes hardware and materials, costs to conduct First Article Acceptance Testing (FAAT) (\$75K), and (\$391K) Reference Rounds (20K) packaging/pallets.</p> <p>Pricing is provided by the Army and incorporates other services' buys.</p>											

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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: Jun 2001												
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							P-1 ITEM NOMENCLATURE PRACTICE BOMBS (J1Q1)													
Program Element for Code B Items: B.A.1 - Navy Ammunition							Other Related Program Elements													
	Prior Years	ID Code	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total								
QUANTITY																				
COST (In Millions)	\$141.3	A	\$44.9	\$62.5	\$35.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	CONT	CONT								
<p>Practice Bombs are a low cost alternative to expenditures of live bombs for training. The MK 76 simulates an unretarded MK 80 series bomb. It is a 25 lb. Cast iron shape with a breach hole for a MK 4 or CXU-3 signal which provides a smoke signal or flash upon impact. The BDU-48 simulates retard bombs. It is a 10 lb. thin cased cylindrical bomb with a breach hole for a MK 4 or CXU-3 signal which provides a smoke signal or flash upon impact. The BDU-48 NTP and MK 83 Inert are full-sized Practice Bombs. They are MK 80 series bomb bodies filled with an inert material and have the same weight, size, center of gravity and ballistics of a live bomb. The BDU-45 uses a CXU-4 signal cartridge for spotting location and simulates a 500 lb G. P. Bomb. These items are procured by the Army as a Single Manager for Conventional Ammunition.</p> <p>The Laser Guided Training Round (LGTR) is procured directly by the Navy. This round enhances the effective use of the PAVEWAY II Laser Guided Bombs (LGB) precision guided weapon which requires coordination between the aircrew and the laser designator. Development of delivery options and multi-aircraft tactics require extensive cost effective training. The Congressionally directed procurement of the Laser Guided Training Round (LGTR) is capable of replicating the kinematics of LGBs to provide increased basic training capability and follow-on advanced tactics development; and is suitable for launch from all Navy and Marine Corps aircraft used to deploy LGBs. LGTR provides actual hardware for aircrew and tactics development at a greatly reduced cost while maintaining LGB stockpiles.</p> <p>The Production Engineering Support and Integrated Logistics Support are continuing annualized efforts associated with ongoing procurements of the Practice Bombs associated Signal Cartridge, BDU-45/B, MK 76, LGTR, fins and other practice weapons. These efforts include maintenance of PDP (Procurement Data Packages), participation in post award conference, first article and quality assurance testing; ECP review/comments/recommendation, technical manual update, evaluation of engineering change proposal, and response to fleet inquiries.</p> <p>Miscellaneous Items line created for \$2M in FY02 through FY07 to include M70 series cables, Mk 89 Adapters, Arming Wires, Lugs, nose plugs, etc.</p> <p>Formerly managed under PEO(T) and subhead Y1Q1, this program was transferred to PEO(W). Beginning with FY-01, it will be executed under subhead J1Q1.</p> <table style="margin-left: 40px; border: none;"> <tr> <td></td> <td style="text-align: center;"><u>00</u></td> <td style="text-align: center;"><u>01</u></td> <td style="text-align: center;"><u>02</u></td> </tr> <tr> <td>Navy Reserves</td> <td style="text-align: center;">2.5</td> <td style="text-align: center;">1.1</td> <td style="text-align: center;">1.9</td> </tr> </table>														<u>00</u>	<u>01</u>	<u>02</u>	Navy Reserves	2.5	1.1	1.9
	<u>00</u>	<u>01</u>	<u>02</u>																	
Navy Reserves	2.5	1.1	1.9																	

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a						DATE: June 2001					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS						P-1 ITEM NOMENCLATURE PRACTICE BOMBS (J1Q1)					
Procurement Items	ID Code	Prior Years	FY 2000	FY 2001	FY 2002						
MK 76	A	--									
QTY			196,270	275,000	133,509						
FUNDING			\$3,949	\$5,682	\$4,065						
BDU-45	A	--									
QTY			7,842	10,698	13,996						
FUNDING			\$8,468	\$11,926	\$15,993						
BSU-33 FINS	A	--									
QTY			9,150	0	0						
FUNDING			\$661	\$0	\$0						
BSU-86	A	--									
QTY			0	1,956	0						
FUNDING			\$0	\$3,951	\$0						
LGTR	A	--									
QTY			2,327	8,468	4,843						
FUNDING			\$6,780	\$16,936	\$9,928						
MK 83 INERT	A	--									
QTY			7,792	9,840	0						
FUNDING			\$18,364	\$18,884	\$0						
MK 83 CONICAL FIN	A	--									
QTY			9,972	0	0						
FUNDING			\$1,845	\$0	\$0						
BDU--33/B	A	--									
QTY			50,000	0	0						
FUNDING			\$800	\$0	\$0						
OTHER COSTS		--	\$4,033	\$5,143	\$3,033						
Miscellaneous Items		--	\$0	\$0	\$2,000						
TOTAL:		\$141,256	\$44,900	\$62,522	\$35,019						

CLASSIFICATION: **UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A. 1 - Navy Ammunition						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD PRACTICE BOMBS (J1Q1)								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2000			FY 2001			FY 2002					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
Q1010	MK 76 (E973)	A	--	196,270	20.12	3,949	275,000	20.66	5,682	133,509	30.45	4,065			
Q1040	BDU-45/B, MK 82 INERT (F017)	A	--	7,842	1,079.45	8,468	10,698	1,114.79	11,926	13,996	1,142.66	15,993			
Q1042	BSU-33 FIN (F782)	A	--	9,150	72.24	661			0			0			
Q1046	BSU-86/B FIN (F766)	A	--			0	1,956	2,020.09	3,951			0			
Q1300	Laser Guided Training Round	A	--	2,327	2,416.00	6,780	8,468	2,000.00	16,936	4,843	2,050.00	9,928			
Q1060	MK 83 INERT (E511)	A	--	7,792	2,356.77	18,364	9,840	1,919.13	18,884			0			
Q1062	MK 83 CONICAL FINS (F642/EA96)	A	--	9972	185.03	1,845			0			0			
Q1090	BDU-33	A	--	50,000	16.00	800			0			0			
Q1800	ILS		--			509			420			400			
Q1830	PES		--			3,275			4,123			2,033			
Q1850	PIP		--			13			350			350			
Q1894	GAGING		--			236			250			250			
Q1TBA	MISCELLANEOUS ITEMS		--									2,000			
				141,256		44,900			62,522			35,019			

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					PRACTICE BOMBS				J1Q1	
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
Q1010 MK 76 (E973)										
FY 00	196,270	20.12	Rock Island, IL	Aug-99	C/FP	MCALESTER, AAP	Apr-00	Jan-01	YES	
FY 01	275,000	20.66	Rock Island, IL	Oct-00	C/FP	DELFASCO	Mar 01	Jan-02	YES	
FY 02*	133,509	30.45	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr 02	Sep-03	YES	
Q1040 BDU-45/B, MK 82 INERT (F017)										
FY 99	8,172	1072.85	Rock Island, IL	Aug-98	SS/FP	MCALESTER, AAP	Apr-99	Sep-01	YES	
FY 00	7,842	1079.45	Rock Island, IL	Aug-99	SS/FP	MCALESTER, AAP	Feb-00	Dec-02	YES	
FY 01	10,698	1114.79	Rock Island, IL	Jan-00	SS/FP	MCALESTER, AAP	Jan-01	Dec-03	YES	
FY 02**	13,996	1142.66	Rock Island, IL	TBD	SS/FP	MCALESTER, AAP	Feb-02	Jun-04	YES	
Q1300 Laser Guided Training Round										
FY 00	2,327	2,416.00	NAVAIR	Jan-00	C/FP	LOCKHEED-MARTIN	Apr 00	Aug-01	YES	
FY 01***	8,468	2,000.00	NAVAIR	Jan-01	C/FP	LOCKHEED-MARTIN	Apr 01	Jun-02	YES	
FY 02***	4,843	2,050.00	NAVAIR	TBD	C/FP	UNKNOWN	Apr-02	Jun-03	YES	
Q1060 MK 83 Inert(E511)										
FY 00	7,792	2,356.77	Rock Island, IL	Aug-99	SS/FP	MCALESTER, AAP	Feb-00	Jan-04	YES	
FY 01	9,840	1,919.13	Rock Island, IL	Aug-00	SS/FP	MCALESTER, AAP	Jan-01	Apr-04	YES	
D. REMARKS										
<p>* The MK-76 unit cost increase in FY 02 and out is due to the addition of the MK-15 suspension lug which was previously supplied from stock plus an increase in the LAP cost that was recently awarded on contract.</p> <p>** The BDU-45/B unit cost increase in FY 02 and out is due to a McAlester LAP price increase.</p> <p>*** The LGTR unit cost decrease in FY 01 and out reflects a projected impact from increased quantities. The FY 00 LGTR total cost of \$6,780K includes \$1,158K for containers, miniature munitions and the flight clearance costs, which do not reflect in the \$2,386K unit costs which is for training rounds only.</p>										

CLASSIFICATION:

UNCLASSIFIED

B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					PRACTICE BOMBS				J1Q1	
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
<u>Q1042 BSU-33 FINS</u> FY 00	9,150	72.24	Rock Island, IL	Aug-99	SS/FP	MCALESTER, AAP	Jun-00	Apr-01	YES	
<u>Q1046 BSU-86 FIN (EA53)</u> FY 01	1,956	2020.09	Rock Island, IL	Aug-99	SS/FP	MCALESTER, AAP	Dec 01	Jan 03	YES	
<u>Q1090 BDU-33*</u> FY 00	50,000	16.00	HILL AFB	N/A	SS/FP	DELFASCO	Jul 01	Sep 01	YES	
D. REMARKS										
*BDU-33 is procured from USAF stock to supplement the MK 76 bomb. This is a one time buy.										

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CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							P-1 ITEM NOMENCLATURE Cartridges and Cartridge Actuated Devices (CARTS/CADS) (J1Q8)					
Program Element for Code B Items: B.A.1 - Navy Ammunition							Other Related Program Elements					
	Prior Years	ID Code	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY												
COST (In Millions)	\$103.7		\$30.6	\$22.3	\$26.7						Cont	Cont
<p><u>Escape System/Life Support Devices</u> These items, such as safety/arming devices, sequence controls, shielded mild detonating cord, gas generators, initiators, thermal batteries, etc, are used in aircraft emergency escape systems. The total number of devices installed varies with the type of aircraft, for example: F-14/A(273); F/A-18(136); S-3(105); EA-6B(45), T-45(76), T/AV-8(90) and AH-1(27). These explosives have finite service lives and are replaced during scheduled maintenance. An aircraft may be grounded if a single one of these items does not meet the standard. Life support devices such as the Sea Water Activated Release System and the FLU-8B/P automatic life vest inflator are essential to crew survival after ejection. The budget request provides funding for the procurement of NACES items, JAU-52/A and BBU-57/A Cutter.</p> <p><u>Weapons/Stores Release Cartridges</u> These items are used to eject weapons/stores from aircraft. The JAU-22 and other miscellaneous impulse cartridges are used to eject sonobuoys from aircraft. The budget request provides for CCU-107 Impulse Cartridges and the JAU-22/B Initiator Cartridge.</p> <p><u>Integrated Logistics Support</u> Integrated Logistics Support (ILS) efforts provide for ILS planning, maintenance standardization, conducting supply support, technical data programs, and generation and implementation of a traceability system.</p> <p><u>Production Engineering Support</u> The Production Engineering Support (PES) efforts include: the review of procurement requests, waivers and deviations, technical support of Lot Acceptance Testing/First Article Testing, as well as conforming to new EPA regulations.</p> <p><u>Product Improvement Programs</u> Product Improvement Programs (PIP) are conducted as part of a continuing effort to correct deficiencies in areas of safety, reliability, maintainability, producibility, and to increase the service life of CARTS and CADS.</p> <p>*FY 95/96/97 only. Prior to FY 95, this program was funded in the Other Procurement, Navy BA-5 appropriation.</p>												

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a										DATE: June 2001		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							P-1 ITEM NOMENCLATURE Cartridges and Cartridge Actuated Devices (CARTS/CADS) (J1Q8)					
Procurement Items	ID Code	Prior Years	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
CCU-107 Init. Ctg. (MT95)												
QTY			180,000	180,000	180,000							
Funding			\$891	\$882	\$925							
JAU-22/B Init. Ctg. (MF64)												
QTY			90,000	110,000	110,000							
Funding			\$1,435	\$1,788	\$1,821							
Thermal Battery (CWDR)												
QTY			357	286	266							
Funding			\$975	\$806	\$754							
BBU-57/A Cutter (SR95)												
QTY			0	52	0							
Funding			\$0	\$547	\$0							
JAU-52 (MJ91)												
QTY			245	227	190							
Funding			\$772	\$720	\$622							
Navy Aircrew Common Ejection Seat												
QTY												
Funding			\$1,141	\$1,040	\$1,780							
Misc Devices			\$16,037	\$7,860	\$12,286							
Other Support			\$9,309	\$8,675	\$8,509							
TOTAL		\$103,682	\$30,560	\$22,318	\$26,697							

P-1 SHOPPING LIST

CLASSIFICATION:

UNCLASSIFIED

CLASSIFICATION: UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A.1 - Navy Ammunition						ID Code						P-1 ITEM NOMENCLATURE/SUBHEAD Cartridges and Cartridge Actuated Devices (CARTS/CADS) (J1Q8)			
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2000			FY 2001			FY 2002					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	STORES RELEASE														
Q8200	CCU-107 Imp Ctg (MT95)	A		180,000	4.95	891	180,000	4.90	882	180,000	5.14	925			
Q8090	JAU-22/B Init. Ctg. (MF64)	A		90,000	15.94	1,435	110,000	16.25	1,788	110,000	16.55	1,821			
	SAFETY														
Q8060	Thermal Battery (CWDR)	A		357	2,731.00	975	286	2,818.00	806	266	2,834.50	754			
Q8080	BBU-57/A Cutter (SR95)	A					52	10,527.40	547			0			
Q8120	JAU-52 (MJ91)	A		245	3,152.33	772	227	3,170.00	720	190	3,271.80	622			
Q8300	Navy Aircrew Common Ejection Seat	A				1,141			1,040			1,780			
Q8600	Misc Devices Under \$500K					16,037			7,860			12,286			
Q8800	Integrated Logistics Support					1,848			1,820			1,787			
Q8830	Production Engineering Support					2,680			2,616			2,384			
Q8840	Quality Assurance					362			382			398			
Q8850	Product Improvement Program					2,955			2,659			2,717			
Q8860	Acceptance Testing					1,464			1,198			1,223			
TOTAL				103,682		30,560			22,318			26,697			

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					Cartridges and Cartridge Actuated Devices(CARTS/CADS)				J1Q8	
B.A.1 - Navy Ammunition										
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
STORES RELEASE										
Q8200 CCU-107 Imp Ctg (MT95)										
FY 00	180,000	4.95	NAVICP	Mar-00	C/FP	TECHNICAL ORDNANCE, St, Bonifacius	Jul-00	Apr-01	YES	
FY 01	180,000	4.90	NAVICP	TBD	C/FP	UNKNOWN	Jun-01	Apr-02	YES	
FY 02	180,000	5.14	NAVICP	TBD	C/FP	UNKNOWN	Apr-02	Apr-03	YES	
Q8120 JAU-22/B Init. Ctg (MF64)										
FY 00	90,000	15.94	NAVICP	Mar-00	C/FP	AMTEC CORP., JANESVILLE	Jul-00	Apr 01	YES	
FY 01	109,490	16.33	NAVICP	Jan-01	C/FP	AMTEC CORP., JANESVILLE	Feb-01	Apr-01	YES	
FY 02	110,000	16.55	NAVICP	TBD	C/FP	UNKNOWN	Apr-02	Apr-03	YES	
D. REMARKS										

UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								Jun-01		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					Cartridge & Cartridge Actuated Devices (CARTS/CADS)					J1Q8
B.A.1 - Navy Ammunition										
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
<u>SAFETY</u>										
Q8060 Thermal Battery (CWDR)										
FY 00	357	2731.00	NAVAIR	Jan-00	SS/FP	Martin-Baker, London UK	May 00	May-01	YES	
FY 01	286	2818.00	NAVAIR	Feb-01	SS/FP	Martin-Baker, London UK	Mar-01	Apr-02	YES	
FY 02	266	2834.50	NAVAIR	TBD	SS/FP	UNKNOWN	Apr-02	Apr-03	YES	
Q8080 BBU-57/A CUTTER (SR95)										
FY 01	52	10527.40	NAVICP	TBD	SS/FP	Northrop (Hawthorne, Ca)	Apr-01	Oct-02	YES	
Q8120 JAU-52/B Init. Ctg (MJ91)										
FY 00	245	3152.33	NAVICP	Aug-99	SS/FP	Primex	Jun 00	Apr 01	YES	
FY 01	227	3170	NAVICP	TBD	SS/FP	Primex	Apr 01	Apr 02	YES	
FY 02	190	3271.80	NAVICP	TBD	SS/FP	Primex	Apr 02	Apr 03	YES	
D. REMARKS										

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							P-1 ITEM NOMENCLATURE Aircraft Escape Rockets/Catapults (J1Q9)					
Program Element for Code B Items: B.A.1 - Navy Ammunition							Other Related Program Elements					
	Prior Years	ID Code	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY												
COST (In Millions)	\$45.7		\$10.4	\$10.5	\$10.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	Cont	Cont
<p>This program provides funding for rocket motors, rocket catapults and catapults used to eject crewmen from disabled aircraft. The program is structured to meet replacement requirements that are based on aircraft inventories and escape rocket/catapults service lives. An aircraft containing a single escape rocket/catapult not up to man-rated standards is grounded for safety-of-flight. Spare inventories are limited to the lowest level that can be maintained without causing aircraft grounding due to shortfalls. Devices are also used to function aircraft emergency safety systems. The FY 2000 and 2001 budget request provides funding for the procurement of MK 122 parachute deployment rocket motors, Mk 123/124 underseat rocket motors, various miscellaneous devices, PIP and associated production engineering and integrated logistics support.</p> <p>PES: Production Engineering Support efforts include the review of procurement requests, waivers and deviations, and technical support for First Article Testing/Lot Acceptance Testing. Conformance with new EPA regulations is part of the PES review.</p> <p>ILS: Integrated Logistics Support efforts will provide ILS planning, maintenance standardization, supply support, the generation and implementation of a traceability system, and technical data programs.</p> <p>PIP: Multi-year Product Improvement Programs consists of programs to ensure producibility and safety for the MK 122, MK123, MK 124, MK 100, MK 101, MK 74, MK 75, MK 86, MK 87, MK 88 USRMs (KU propellant and lead free double base), MK 16 ROCAT (10407 ROCAT), MK 83, MK 85, MK 121 TDRMS, and MK 79, MK 109, MK 113, Rocket Motors.</p> <p>*FY 95/96 & 97 only. Prior to FY 95, this program was funded in the Other Procurement, Navy BA-5 appropriation.</p>												

CLASSIFICATION:

UNCLASSIFIED

P-1 SHOPPING LIST

CLASSIFICATION:

UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A.1 - Navy Ammunition						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD Aircraft Escape Rockets/Catapults (J1Q9)									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2000			FY 2001			FY 2002						
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost				
	SAFETY															
Q9070	MK122 Parachute Deploy. RKT Mtr(MT29)	A		148	2,991.89	430	245	2,220.00	544	246	2,720.00	669				
Q9080	MK123 Underseat Rkt Mtr (MT30)	A		10	7,670.00	74	10	4,745.70	47	20	5,670.00	113				
Q9081	MK124 Underseat Rkt Mtr (MT31)	A		20	7,670.00	148	20	4,745.70	95	40	5,670.00	227				
Q9130	Misc Devices Under \$500K					4,550			4,503			4,208				
Q9820	Reliability Life					582			610			639				
Q9800	Integrated Logistics Support					985			988			1,020				
Q9830	Production Engineering Support					983			1,135			1,273				
Q9850	Product Improvement Program					1,859			1,892			1,921				
Q9860	Acceptance Test					793			724			714				
TOTAL			45,691			10,404			10,538			10,784				

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					Aircraft Escape Rockets/Catapults					J1Q9	
B.A.1 - Navy Ammunition											
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	
<u>Q9070 MK 122 Parachute Deployment Rkt Mtr (MT29)</u>											
FY 00	148	2,991.89	NAVICP	Oct-99	C/FP	MARTIN-BAKER	APR 00	APR 01	YES		
FY 01	245	2,220.00	NAVICP	Oct-00	C/FP	UPCo	MAR 01	APR 02	YES		
FY 02	246	2,720.00	NAVICP	TBD	C/FP	UNKNOWN	APR 02	APR 03	YES		
<u>Q9080 MK 123 Underseat Rkt Mtr (MT30)</u>											
FY 00	10	7,670.00	NAVICP	Oct-99	C/FP	MARTIN-BAKER	APR 00	APR 01	YES		
FY 01	10	4,745.70	NAVICP	Oct-00	C/FP	MARTIN-BAKER	MAR 01	APR 02	YES		
FY 02	20	5,670.00	NAVICP	TBD	C/FP	UNKNOWN	APR 02	APR 03	YES		
<u>Q9081 MK 124 Underseat Rkt Mtr (MT31)</u>											
FY 00	20	7,670.00	NAVICP	Oct-99	C/FP	MARTIN-BAKER	APR 00	APR 01	YES		
FY 01	20	4,745.70	NAVICP	Oct-00	C/FP	MARTIN-BAKER	MAR01	APR 02	YES		
FY 02	40	5,670.00	NAVICP	TBD	C/FP	UNKNOWN	APR 02	APR 03	YES		
D. REMARKS											
FY02 unit price for the MK 122, MK 123 and Mk 124 units reflects that the KU propellant contained within the devices will be supplied as GFM (previous years and in FY03 and out, the material was purchased by the rocket motor manufacturer). Due to the scheduled closing of the current sole source of the propellant in 2001, we are purchasing a stockpile of the propellant for use until a new source is qualified. This purchase is being executed utilizing FY00 procurement dollars from the misc. devices budget line. The worth of the GFM is \$155 and \$2450 for the MK 122 and MK 123/124s respectively. Thus the unit price for the devices in FY02 including the GFM worth is \$2875 and \$8120 respectively.											

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: June 2001					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1 Navy Ammunition							P-1 ITEM NOMENCLATURE AIRBORNE EXPENDABLE C/M PROGRAM (S/H Y1QA)					
Program Element for Code B Items: RDT&E 0604270N							Other Related Program Elements					
	Prior Years*	ID Code	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY												
COST (In Millions)	\$105.6		\$47.2	\$45.4	\$36.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	CONT	CONT
<p>The Airborne Expendable Countermeasures (AECM) line provides funding for procurement of countermeasure self-protection devices for all Navy and Marine Corps tactical, rotary and other fixed-wing aircraft. The AECM Program is divided into the following threat related categories: (a) air-launched chaff, (b) Radio Frequency (RF) Active Jammers, (c) infrared (IR) decoys, (d) associated impulse cartridges, and (e) support costs. Beginning in FY01, 1x1 countermeasures will be procured in support of the C-130J. These items are RR170A, operational chaff; RR188, training chaff, M206, magnesium fueled flare; MJU-50, pyrophoric decoy device and BBU35 impulse cartridge.</p> <p>Chaff Countermeasures: Replenishment of RR-129 and RR-144 stock began in FY 2000. The RR-195 (1X2) common chaff countermeasure is in support of the F/A-18 (E/F).</p> <p>Active Jammers: The Advanced Airborne Expendable Decoy (AAED), part of the ALE-50 program, enters the final year of production during FY01. The Fiber Optic Towed Decoy (FOTD) is part of the Integrated Defensive Electronic Countermeasure (IDECM) Radio Frequency Countermeasure (RFCM) program and is scheduled to replace the AAED. Initial FOTD procurement starts FY 2001. AAED and FOTD were developed under PE 0604270N RDT&E, Project E2175.</p> <p>IR Decoys: The MJU-49/B will augment the MJU-27 decoy device on all rotary wing aircraft. The SM875A is a dedicated, low cost training device. Procurement of the MJU-5 (BOL IR) device began in FY 2000. The MJU-51 and MJU-53 (1x2 countermeasures) begin in FY 2003 and are part of the common IR solution for the F/A-18 E/F. Procurement of the Advanced Strategic and Tactical infrared Expendable (ASTE) MJU-47 and MJU-48 for the F/A-18 E/F begins in FY 2005. Procurement of the ALE-39 six inch kinematic (MJU57) and companion (MJU55) solution set of expendables begins in FY 2003. These expendables will provide enhanced protection for aircraft not slated to receive ASTE rounds.</p> <p>Impulse Cartridges: Used to propel the self-protection devices away from the aircraft. Beginning FY 2000 a Hazards of Electromagnetic Radiation (HERO) safe impulse cartridge CCU136A/A replaces the CCU136A. The BBU-36 is used with the MJU-47 and the BBU-35 is used with the MJU-48 and MJU-51; these items are being developed by the USAF led Advanced Strategic and Tactical Infrared Expendable (ASTE) Program. The CCU-144A and CCU145A are HERO safe versions of and will replace the BBU 36 and BBU35 respectively. The CCU144A and CCU145A IC's are being fielded as Product Improvements (PIPs) under this budget line.</p> <p>Support costs: Provide for required Production Engineering (PE), Product Improvement (PIP), Quality Assurance (QA), Acceptance Test and Evaluation (AT&E), and Integrated Logistic Support (ILS) by NAVAIR engineering/cognizant field activities.</p> <p>* FY 95-99 only. Prior to FY 95, this program was funded in the Weapons Procurement, Navy (WPN) and Other Procurement, Navy (OPN) appropriations.</p>												

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a					DATE: June 2001							
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION,NAVY & MARINE CORPS/BA-1 Navy Ammunition					P-1 ITEM NOMENCLATURE AIRBORNE EXPENDABLE C/M PROGRAM (S/H Y1QA)							
Procurement Items	ID Code	Prior Years *	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
ACTIVE JAMMERS												
AAED (ALE-50)	A											
Quantity		566	224									
Funding		12,440	4,110									
FOTD (IDECM)												
Quantity	B			30	33							
Funding				6,990	4,554							
TOWED DECOY TRNG RND												
Quantity	A	76	97		100							
Funding		374	476		500							
IR DECOYS												
MJU-27A/B Decoy												
Quantity	A	212,897	90,720	28,800								
Funding		18,743	6,517	2,071								
MJU-32/B												
Quantity	A	376,836		88,200	44,100							
Funding		10,870		2,514	1,323							
MJU-38/B												
Quantity	A	131,094	130,074	44,100								
Funding		5,322	3,602	1,221								
MJU-49/B (Helo)												
Quantity	A	20,400	33,120	31,680	56,000							
Funding		2,789	3,944	3,800	6,608							
SM875A												
Quantity	A	640,920	200,640	200,640	200,640							
Funding		4,198	973	991	1,003							
Page Total												
		54,736	19,622	17,587	13,988							

* FY95 through FY99 only

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a						DATE: June 2001						
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION,NAVY & MARINE CORPS/BA-1 Navy Ammunition					P-1 ITEM NOMENCLATURE AIRBORNE EXPENDABLE C/M PROGRAM (S/H Y1QA)							
Procurement Items	ID Code	Prior Years *	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
MJU-50 (1X1 Pyrophoric)	A											
Quantity				5,832	5,832							
Funding				373	373							
MJU-51 ASTE SM	A											
Quantity												
Funding												
MJU-52 BOL IR	A											
Quantity			154,240	256,600	22,400							
Funding			3,972	6,461	941							
MJU-53 Common Flare	A											
Quantity												
Funding												
MJU-55 Companion	A											
Quantity												
Funding												
MJU-57 Kinematic	A											
Quantity												
Funding												
MJU-47 ASTE Kinematic	A											
Quantity												
Funding												
MJU-48 ASTE Companion	A											
Quantity												
Funding												
M206 (1X1) Mag	A											
Quantity				8,100	8,100							
Funding				111	112							
Page Total			3,972	6,945	1,426							

* FY95 through FY99 only

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a						DATE: June 2001						
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION,NAVY & MARINE CORPS/BA-1 Navy Ammunition					P-1 ITEM NOMENCLATURE AIRBORNE EXPENDABLE C/M PROGRAM (S/H Y1QA)							
Procurement Items	ID Code	Prior Years *	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
IMPULSE CARTRIDGES												
CCU-136A (GENERIC)	A											
Quantity		1,540,255	299,249	463,680	320,000							
Funding		3,737	898	1,410	992							
CCU-136A/A (HERO SAFE)	A											
Quantity			487,170	386,000	400,000							
Funding			3,157	2,548	2,700							
CCU-144A (HERO SAFE)	A											
Quantity												
Funding												
CCU-145A (HERO SAFE)	A											
Quantity												
Funding												
BBU-35	A											
Quantity				27,000	27,000							
Funding				32	33							
CHAFF COUNTERMEASURES												
RR-129A CHAFF CM	A											
Quantity			496,080	299,520	299,520							
Funding			4,762	2,875	2,932							
RR-144A TRNG CHAFF	A											
Quantity			97,920	100,080	99,840							
Funding			1,023	1,043	1,317							
RR-170A CHAFF 1X1	A											
Quantity				6,480	6,480							
Funding				25	26							
Page Total		3,737	9,840	7,933	8,000							

* FY95 through FY99 only

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: June 2001					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION,NAVY & MARINE CORPS/BA-1 Navy Ammunition					P-1 ITEM NOMENCLATURE AIRBORNE EXPENDABLE C/M PROGRAM (S/H Y1QA)							
Procurement Items	ID Code	Prior Years *	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
RR-188 TRNG CHAFF 1X1	A											
Quantity				6,480	6,480							
Funding				18	19							
RR-195 COMMON CHAFF 1X2	A											
Quantity												
Funding												
VARIOUS (1)		4,461										
SUPPORT COSTS												
PRODUCTION ENGR		12,455	3,964	4,432	4,487							
PROD IMPROVEMENT		14,195	6,583	4,814	4,854							
ACCEP TEST & EVAL		14,531	2,835	3,279	3,265							
ILS		1,492	345	364	364							
Page Total		47,134	13,727	12,907	12,989							
Grand Total		105,607	47,161	45,372	36,403							

(1) The amount identified against this cost element reflects total prior year funding associated with cost elements no longer financed in FY 2000 and beyond.
* FY95 through FY99 only

CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System						DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1 Navy Ammunition							ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD AIRBORNE EXPENDABLE C/M PROGRAM (S/H Y1QA)								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years Total Cost *	FY 2000			FY 2001			FY 2002			FY 2003			
				Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
QA110	ACTIVE JAMMERS AAED (ALE-50)	A	12,440	224	18,348.21	4,110										
QA120	FOTD / IDECM	B					30	233,000.00	6,990	33	138,000.00	4,554				
QA125	TOWED DECOY TRNG RND	A	374	97	4,907.22	476				100	5,000.00	500				
	IR DECOYS															
QA130	MJU-27A/B DECOY DEVICE	A	18,743	90,720	71.84	6,517	28,800	71.91	2,071							
QA140	MJU-32/B ROTARY-WING DECOY	A	10,870				88,200	28.50	2,514	44,100	30.00	1,323				
QA150	MJU-38/B FIXED WING DECOY	A	5,322	130,074	27.69	3,602	44,100	27.69	1,221							
QA190	MJU-49/B DECOY DEVICE	A	2,789	33,120	119.08	3,944	31,680	119.95	3,800	56,000	118.00	6,608				
QA260	SM875A (TRAINING FLARE)	A	4,198	200,640	4.85	973	200,640	4.94	991	200,640	5.00	1,003				
QA210	MJU-50 (1X1 Pyrophoric)	A					5,832	63.96	373	5,832	63.96	373				
TBD	MJU-51 ASTE SM	A														
QA200	MJU-52 BOL IR	A		154,240	25.75	3,972	256,600	25.18	6,461	22,400	42.01	941				
TBD	MJU-53 Common Flare	A														
TBD	MJU-55 Companion	A														
TBD	MJU-57 Kinematic	A														
QA235	M206 (1X1) Magnesium	A					8,100	13.70	111	8,100	13.83	112				
PAGE TOTAL			54,736			23,594			24,532			15,414				

* FY95 through FY99 only

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P-1 SHOPPING LIST
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CLASSIFICATION:
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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1 Navy Ammunition						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD AIRBORNE EXPENDABLE C/M PROGRAM (S/H Y1QA)								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years*	FY 2000			FY 2001			FY 2002			FY 2003		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<u>IMPULSE CARTRIDGES</u>														
QA090	CCU-136A (GENERIC)	A	3,737	299,249	3.00	898	463,680	3.04	1,410	320,000	3.10	992			
QA090	CCU-136A/A (HERO SAFE)	A		487,170	6.48	3,157	386,000	6.60	2,548	400,000	6.75	2,700			
TBD	CCU-144A	A													
TBD	CCU-145A	A													
QA060	BBU-35	A					27,000	1.19	32	27,000	1.22	33			
	<u>CHAFF COUNTERMEASURES</u>														
QA010	RR-129A CHAFF CM	A		496,080	9.60	4,762	299,520	9.60	2,875	299,520	9.79	2,932			
QA020	RR-144A TRNG CHAFF	A		97,920	10.45	1,023	100,080	10.42	1,043	99,840	13.19	1,317			
QA030	RR-170A CHAFF 1X1	A					6,480	3.86	25	6,480	4.01	26			
QA040	RR-188 TRNG CHAFF 1X1	A					6,480	2.78	18	6,480	2.93	19			
TBD	RR-195 COMMON CHAFF 1X2	A													
	<u>SUPPORT COSTS</u>														
QA830	PRODUCTION ENGINEERING		12,455			3,964			4,432			4,487			
QA850	PRODUCT IMPROVEMENT		14,195			6,583			4,814			4,854			
QA860	ACCEPTANCE TEST & EVALUATION		14,531			2,835			3,279			3,265			
QA800	ILS		1,492			345			364			364			
N/A	VARIOUS (1)		4,461												
	P5 GRAND TOTAL		105,607			47,161			45,372			36,403			

* FY95 through FY99 only

(1) The amount identified against this cost element reflects total prior year funding associated with cost elements no longer financed in FY 2000 and beyond.

CLASSIFICATION: **UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		DATE		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA-1 Navy Ammunition						C. P-1 ITEM NOMENCLATURE AIRBORNE EXPENDABLE C/M PROGRAM			June 2001 SUBHEAD Y1QA	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
ACTIVE JAMMERS										
AAED (ALE-50) (DWCL) FY 00	224	18,348.21	Robins AFB, GA	N/A	SS/Option	Raytheon, Goleta, CA	Dec-99	Feb-01	YES	
FOTD (IDECM) (TBD) FY 01	30	233,000.00	NAVAIR PAX River	Jan-01	SS/FP	Sanders,Nashua, NH	Mar-01	Jul-02	YES	
(TBD) FY 02	33	138,000.00	NAVAIR PAX River	Jan-02	SS/FP	Sanders,Nashua, NH	Mar-02	Jul-03	YES	
TOWED DECOY TRNG RND										
(DWCK) FY 00	97	4,907.22	Robins AFB, GA	N/A	SS/Option	Raytheon, Goleta, CA	Jun-00	Mar-01	YES	
(DWCK) FY 02	100	5,000.00	Robins AFB, GA	N/A	SS/Option	Raytheon, Goleta, CA	Jan-02	Mar-03	YES	
INFRARED DECOYS										
MJU-27A/B DECOY										
(EWAA) FY 00	90,720	71.84	NSWC Crane, IN	Dec-99	SS/FP	Alloy, Chester Township, PA	May-00	Sep-00	YES	
(EWAA) FY 01	28,800	71.91	NSWC Crane, IN	Dec-00	SS/FP	Alloy, Chester Township, PA	May-01	Sep-01	YES	
MJU-32/B FIXED WING DECOY										
(LA01) FY 01	88,200	28.50	NSWC Crane, IN	Dec-00	C/FP	TBD	Jul-01	Nov-01	YES	
(LA01) FY 02	44,100	30.00	NSWC Crane, IN	Dec-01	C/FP	TBD	Mar-02	Jul-02	YES	
D. REMARKS										

CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)

Weapon System

DATE

June 2001

B. APPROPRIATION/BUDGET ACTIVITY

**PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS
BA-1 Navy Ammunition**

C. P-1 ITEM NOMENCLATURE

AIRBORNE EXPENDABLE C/M PROGRAM

SUBHEAD

Y1QA

Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
INFRARED DECOYS (CONT'D)										
MJU-38/B FIXED WING DECOY										
(LA02) FY 00	130,074	27.69	NICP Mechanicsburg	Dec-99	C/FP	Alliant Kilgore, Toone, TN	Aug-00	Mar-01	YES	
(LA02) FY 01	44,100	27.69	NICP Mechanicsburg	Dec-00	C/FP	Alliant Kilgore, Toone, TN	Nov-00	Nov-01	YES	
MJU-49/B DECOY DEVICE										
(DWCI) FY 00	33,120	119.08	NSWC Crane, IN	Dec-99	SS/FP	Alloy, Chester Township, PA	May-00	Dec-00	YES	
(DWCI) FY 01	31,680	119.95	NSWC Crane, IN	Dec-00	SS/FP	Alloy, Chester Township, PA	May-01	Sep-01	YES	
(DWCI) FY 02	56,000	118.00	NSWC Crane, IN	Dec-01	SS/FP	Alloy, Chester Township, PA	Jan-02	May-02	YES	
SM875A TRNG FLARE										
(LA10) FY 00	200,640	4.85	NICP Mechanicsburg	Dec-99	C/FP	Lance Ordnance, Mayo, FL	May-00	Nov-00	YES	
(LA10) FY 01	200,640	4.94	NICP Mechanicsburg	Dec-00	C/FP	TBD	May-01	Nov-01	YES	
(LA10) FY 02	200,640	5.00	NICP Mechanicsburg	Dec-01	C/FP	TBD	May-02	Nov-02	YES	
MJU-50 (1X1 Pyrophoric)										
(LA19) FY 01	5,832	63.96	Wright Pat AFB, OH	Jan-01	SS/FP	Alloy, Chester Township, PA	Aug-01	Jan-02	YES	
(LA19) FY 02	5,832	63.96	Wright Pat AFB, OH	Jan-02	SS/FP	Alloy, Chester Township, PA	Aug-02	Jan-03	YES	

D. REMARKS

CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)

Weapon System

DATE

June 2001

B. APPROPRIATION/BUDGET ACTIVITY

**PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS
BA-1 Navy Ammunition**

C. P-1 ITEM NOMENCLATURE

AIRBORNE EXPENDABLE C/M PROGRAM

SUBHEAD
Y1QA

Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
INFRARED DECOYS (CONT'D)										
BOL IR MJU-52 (DWCO) FY 00	154,240	25.75	NSWC Crane, IN	Dec-99	SS/FP	Alloy, Chester Township, PA	Jul-00	Dec-00	YES	
(DWCO) FY 01	256,600	25.18	NSWC Crane, IN	Dec-00	SS/FP	Alloy, Chester Township, PA	May-01	Sep-01	YES	
(DWCO) FY 02	22,400	42.01	NSWC Crane, IN	Dec-01	SS/FP	Alloy, Chester Township, PA	Jan-02	Sep-02	YES	
M206 (L410) FY 01	8,100	13.70	IOC Rock Island, IL	Jan-01	C/FP	TBD	Aug-01	Jan-02	YES	
(L410) FY 02	8,100	13.83	IOC Rock Island, IL	Jan-02	C/FP	TBD	Aug-02	Jan-03	YES	
IMPULSE CARTRIDGES										
CCU-136A GENERIC (SS36) FY 00	299,249	3.00	NICP Mechanicsburg	May-00	C/FP	Technical Ordnance Inc	Jul-00	May-01	YES	
(SS36) FY 01	463,680	3.04	NICP Mechanicsburg	Dec-00	C/FP	TBD	Apr-01	Apr-02	YES	
(SS36) FY 02	320,000	3.10	NICP Mechanicsburg	Dec-01	C/FP	TBD	Apr-02	Apr-03	YES	

D. REMARKS

CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					June 2001	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					AIRBORNE EXPENDABLE C/M PROGRAM					SUBHEAD	
BA-1 Navy Ammunition										Y1QA	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE	
IMPULSE CARTRIDGES (CONT'D)											
CCU-136A/A (HERO SAFE)											
(WA83) FY 00	487,170	6.48	NICP Mechanicsburg	Dec-99	C/FP	CAPCO, Grand Junction,CO	Apr-00	Apr-01	YES		
(WA83) FY 01	386,000	6.60	NICP Mechanicsburg	Dec-00	C/FP	TBD	Apr-01	Apr-02	YES		
(WA83) FY 02	400,000	6.75	NICP Mechanicsburg	Dec-01	C/FP	TBD	Apr-02	Apr-03	YES		
BBU-35											
(MY74) FY 01	27,000	1.19	Hill AFB, UT	Jan-01	C/FP	TBD	Aug-01	Feb-02	YES		
(MY74) FY 02	27,000	1.22	Hill AFB, UT	Jan-02	C/FP	TBD	Aug-02	Feb-03	YES		
CHAFF COUNTERMEASURES											
RR-129A CHAFF CM											
(DWCF) FY 00	496,080	9.60	NICP Mechanicsburg	Jan-00	C/FP	BAE Systems Inc	Aug-00	Dec-00	YES		
(DWCF) FY 01	299,520	9.60	NICP Mechanicsburg	Jan-01	C/FP	BAE Systems Inc	Jun-01	Dec-01	YES		
(DWCF) FY 02	299,520	9.79	NICP Mechanicsburg	Jan-02	C/FP	BAE Systems Inc	Apr-02	Dec-02	YES		
D. REMARKS											

CLASSIFICATION:

UNCLASSIFIED

B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE			DATE		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					AIRBORNE EXPENDABLE C/M PROGRAM			June 2001		
BA-1 Navy Ammunition								SUBHEAD		
								Y1QA		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
CHAFF COUNTERMEASURES CONT'D										
RR-144A TRNG CHAFF (DWCB) FY 00	97,920	10.45	NICP Mechanicsburg	Jan-00	C/FP	BAE Systems Inc	Aug-00	Dec-00	YES	
(DWCB) FY 01	100,080	10.42	NICP Mechanicsburg	Jan-01	C/FP	BAE Systems Inc	Apr-01	Dec-01	YES	
(DWCB) FY 02	99,840	13.19	NICP Mechanicsburg	Jan-02	C/FP	BAE Systems Inc	Apr-02	Dec-02	YES	
RR-170A CHAFF (4W59) FY 01	6,480	3.86	NICP Mechanicsburg	Dec-00	C/FP	BAE Systems Inc	Apr-01	Sep-01	YES	
(4W59) FY 02	6,480	4.01	NICP Mechanicsburg	Dec-01	C/FP	BAE Systems Inc	Apr-02	Sep-02	YES	
RR-188 TRNG CHAFF (3W37) FY 01	6,480	2.78	NICP Mechanicsburg	Dec-00	C/FP	BAE Systems Inc	Apr-01	Sep-01	YES	
(3W37) FY 02	6,480	2.93	NICP Mechanicsburg	Dec-01	C/FP	BAE Systems Inc	Apr-02	Sep-02	YES	
D. REMARKS										

BUDGET ITEM JUSTIFICATION SHEET P-40				DATE: June 2001								
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS				P-1 ITEM NOMENCLATURE JATO (JET ASSISTED TAKE OFF) (J1Q7)								
Program Element for Code B Items:				Other Related Program Elements								
	Prior Years*	ID Code	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY												
COST (In Millions)	\$20.1	A	\$3.8	\$4.9	\$4.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	Continuing	Continuing
<p>Description: The JATOs currently in production are the MK 117 and MK 125. JATOs are relatively small solid propellant rocket motors used to assist aircraft during takeoff, and launch target drones and Remotely Piloted Vehicles (RPVs).</p> <p>Intended use: Two MK 117s are used to launch one BQM 74C target. One MK 125 is used to launch the Pioneer RPV.</p> <p>Product Improvement: Develop and qualify alternative ignition material that will result in a lower cost.</p> <p>*Prior Years Reflects FY95-FY99 only, these programs were funded in FY94 and prior from the Other Procurement Navy (OPN) account.</p> <p>Formerly managed under PEO(T) and subhead Y1Q7, this program was transferred to PEO(W). Beginning with FY 01, it will be executed under subhead J1Q7.</p>												
NAVY RESERVE				FY00	FY01	FY02						
				\$0.1	\$0.1	\$0.1						
*Less than \$50K												

CLASSIFICATION: UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a						DATE: June 2001						
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS (\$000s)						P-1 ITEM NOMENCLATURE JATO (JET ASSISTED TAKE OFF) (J1Q7)						
Procurement Items	ID Code	Prior Years*	FY 2000	FY 2001	FY 2002							
MK 117 RKT MTR	A											
Quantity		4278	0	804	602							
Funding		\$14,065	\$0	\$2,809	\$2,138							
MK 125 RATO	A											
Quantity		544	656	276	345							
Funding		\$2,199	\$2,943	\$1,258	\$1,600							
Other Costs		\$3,835	\$900	\$882	\$1,033							
Total P-1 Funding		\$20,099	\$3,843	\$4,949	\$4,771							
*Reflects FY95-FY99 only, these programs were funded in FY94 and prior from the Other Procurement Navy (OPN) account.												

P-1 SHOPPING LIST

CLASSIFICATION:

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CLASSIFICATION: **UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5													DATE: June 2001		
APPROPRIATION/BUDGET ACTIVITY UREM NAVY & MARINE CORPS (\$000'S)				P-1 ITEM NOMENCLATURE/SUBHEAD JATO (JET ASSISTED TAKE OFF) (J1Q7)											
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years*	FY 2000			FY 2001			FY 2002					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
Q7040	MK 117 MOD O ROCKET MOTOR (H341)	A	14,065	-	-	-	804	3493.85	2,809	602	3552.19	2,138			
Q7050	MK 125 RATO (H311/HA19)	A	2,199	656	4486.28	2,943	276	4558.00	1,258	345	4638.00	1,600			
Q7800	Integrated Logistics Support		379			165			165			163			
Q7830	Production Engineering Support		1,903			399			497			529			
Q7850	Product Improvement Program		1,553			336			220			341			
			20,099			3,843			4,949			4,771			0

*Prior Years Reflects FY95-FY99 only, these programs were funded in FY94 and prior from the Other Procurement Navy (OPN) account.

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								June 2001		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					JATO (JET ASSISTED TAKE OFF)				J1Q7	
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	IF YES WHEN AVAILABLE
Q7040 MK 117 JATO ROCKET MOTOR (H341)										
FY 99	354	3388.00	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Feb-99	Oct-00	YES	
FY 01	804	3493.85	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-01	Apr-02	YES	
FY 02	602	3552.19	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-02	Apr-03	YES	
Q7050 MK 125 RATO (H311/HA19)										
FY 98 (HA19)	72	3903.00	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-98	Aug-00*	YES	
FY 99 (H311)	324	4423.00	NSWC IH	N/A	FFP	UPCO	Sep-99	Oct-00	YES	
FY 00 (HA19)	656	4486.28	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-00	Apr-01	YES	
FY 01 (HA19)	276	4558.00	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-01	Apr-02	YES	
FY 02 (HA19)	345	4638.00	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-02	Apr-03	YES	
*Deliveries delayed due to delay with field testing										
D. REMARKS										

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE 5"/54 GUN AMMUNITION					
Program Element for Code B Items: SUBHEAD NO. 11AC								Other Related Program Elements BLIN: 025000					
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY													
COST (In Millions)				\$15.7	\$14.8	\$12.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		
<p><u>ITEM DESCRIPTION/JUSTIFICATION:</u></p> <p>This is a round of ammunition (separate loading ammunition) fired from cruiser and destroyertype combatant ships against air, surface and shore targets. There are also numerous barrels located at schools and engineering test sites.</p> <p><u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.</p> <p><u>PRODUCTION ENGINEERING:</u> Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.</p> <p><u>PRODUCT IMPROVEMENT:</u> The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.</p>													

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CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE 5"/54 GUN AMMUNITION					
Program Element for Code B Items: SUBHEAD NO. 11AC								Other Related Program Elements BLIN: 025000					
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY													
COST (In Millions)				\$15.7	\$14.8	\$12.0	\$12.2	\$12.1	\$14.4	\$14.7	\$15.0		
<p><u>CONTINUED:</u></p> <p><u>RENOVATION COMPONENTS:</u> The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions</p> <p><u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.</p> <p><u>NON-STANDARD ITEMS:</u> The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.</p> <p>All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.</p>													

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CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: June 2001		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 025000	P-1 ITEM NOMENCLATURE/SUBHEAD 5"/54 GUN AMMUNITION SUBHEAD NO. 11AC										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2000			FY 2001			FY 2002			FY 2003		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AC100	5"/54 BL&P	D349		11,500	290.17	3,337	12,000	279.17	3,350	12,000	261.98	3,144			
	PE/QA (SMCA)								8			5			
AC830	PRODUCTION ENGINEERING					1,458			2,100			1,003			
AC850	PRODUCT IMPROVEMENT					5,383			1,000			0			
AC893	RENOVATION COMPONENTS					4,770			7,802			7,327			
AC894	GAUGE REQUIREMENTS					537			375			350			
AC895	NON-STANDARD ITEMS					170			175			180			
			0			15,655			14,810			12,009			0

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CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE 5"/54 GUN AMMUNITION BLIN: 025000				SUBHEAD 11AC		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE	
AC100											
5"/54 BL & P D349											
FY 2000	11500	290.17	AMCCOM DRSMC	Nov-99	MIPR	CRANE AAA	Feb-00	Feb-02	YES		
FY 2001	12000	279.17	AMCCOM DRSMC	Nov-00	MIPR	CRANE AAA	Mar-01	Apr-03	YES		
FY 2002	12000	261.98	AMCCOM DRSMC	Nov-01	MIPR	UNKNOWN	Mar-02	Feb-04	NO	Jul-01	
D. REMARKS											
NOTE: All items shown are priced with available GFM.											

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA 1								P-1 ITEM NOMENCLATURE 5"/62 CAL EXTENDED RANGE GUIDED MUNITION (ERGM)					
Program Element for Code B Items: SUBHEAD NO. 11AK								Other Related Program Elements BLIN: 025300					
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY													
COST (In Millions)				\$3.0	\$5.7	\$5.2	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		
<u>ITEM DESCRIPTION/JUSTIFICATION:</u>													
<p>The Extended Range Guided Munition (ERGM) is a key element in providing a near term Naval Surface Fire Support (NSFS) capability. The NSFS mission is to support the U.S. and allied assault landing forces through increased range and accuracy.</p> <p><u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.</p> <p><u>PRODUCTION ENGINEERING:</u> Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.</p> <p><u>PRODUCT IMPROVEMENT:</u> The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.</p>													

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CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA 1								P-1 ITEM NOMENCLATURE 5"/62 CAL EXTENDED RANGE GUIDED MUNITION (ERGM)					
Program Element for Code B Items: SUBHEAD NO. 11AK								Other Related Program Elements BLIN: 025300					
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY													
COST (In Millions)				\$3.0	\$5.7	\$5.2							
<p><u>CONTINUED:</u></p> <p><u>RENOVATION COMPONENTS:</u> The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions</p> <p><u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.</p> <p><u>NON-STANDARD ITEMS:</u> The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.</p> <p>All ammo procured with these funds is procured through the Navy.</p>													

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)	Weapon System	A. DATE June 2001
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B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1	C. P-1 ITEM NOMENCLATURE 5"/62 CAL EXT. RANGE GUIDED MUNITION BLIN: 025300	SUBHEAD 11AK
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Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AK100 5"/62 CHG, PROPELLING EX-167 MOD 0 (DWDC) FY 2002	282	2200.00	NAVY	Nov-01	CONTRACT	UNKNOWN	Feb-02	Oct-03	NO	Jul-01
5"/62 INT BALLISTICS SIM TEST (IBST) FY 2000	243	6514.00	NAVY	Nov-99	CONTRACT	NSWC DAHLGREN	Dec-00	Mar-01	YES	
FY 2001	24	8000.00	NAVY	Nov-00	CONTRACT	NSWC CRANE	Dec-00	Oct-01	YES	
FY 2002	20	8000.00	NAVY	Nov-01	CONTRACT	UNKNOWN	Dec-01	Oct-02	NO	Jul-01
5"/62 HANDLING CYCLE DUMMY RND (HDUM) FY 2002	20	5000.00	NAVY	Nov-01	CONTRACT	UNKNOWN	Dec-01	Oct-02	NO	Jul-01

D. REMARKS

NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1							P-1 ITEM NOMENCLATURE 76MM GUN AMMUNITION						
Program Element for Code B Items: SUBHEAD NO. 11AF							BLIN: 026500						
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY													
COST (In Millions)				\$7.0	\$8.7	\$1.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		
<p><u>ITEM DESCRIPTION/JUSTIFICATION:</u></p> <p>The 76MM caliber cartridge is a fixed round of ammunition for use in the MK 75 gun mount. Its primary use is against air targets, but it may be used against surface and shore targets. The weapon system, the MK 75 gun mount and MK 92 fire control system, has been designated for use on guided missile frigates (FFG), and United States Coast Guard (USCG) ships. At the end of FY 02 there will be weapon systems installed on guided missile frigates (FFG) and United States Coast Guard (USCG) ships. There are also numerous barrels located at schools and engineering test sites.</p> <p><u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.</p> <p><u>PRODUCTION ENGINEERING:</u> Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.</p> <p><u>PRODUCT IMPROVEMENT:</u> The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.</p>													

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CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE 76MM GUN AMMUNITION					
Program Element for Code B Items: SUBHEAD NO. 11AF								Other Related Program Elements BLIN: 026500					
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY													
COST (In Millions)				\$7.0	\$8.7	\$1.0						Continuing	Continuing
<p><u>CONTINUED:</u></p> <p><u>RENOVATION COMPONENTS:</u> The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions</p> <p><u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.</p> <p><u>NON-STANDARD ITEMS:</u> The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.</p> <p>All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.</p>													

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CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						ID Code 026500		P-1 ITEM NOMENCLATURE/SUBHEAD 76MM GUN AMMUNITION SUBHEAD NO. 11AF								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2000			FY 2001			FY 2002			FY 2003			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
AF100	76MM CTG, VT-NF	C058		3,530	1,075.70	3,797	2,088	1,161.28	2,425							
	76MM CTG, BL & P	C062		3,605	648.54	2,338	9,684	531.08	5,143							
	PE/QA (SMCA)					9			12			0				
AF830	PRODUCTION ENGINEERING					551			617			632				
AF850	PRODUCT IMPROVEMENT					50			281			161				
AF893	RENOVATION COMPONENTS					97			70			118				
AF894	GAUGE REQUIREMENTS					80			75			40				
AF895	NON-STANDARD ITEMS					44			30			39				
			0				6,966				8,653				990	0

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE				
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE 76MM GUN AMMUNITION BLIN: 026500					June 2001		
										SUBHEAD 11AF		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE		
AF100												
76MM VT-NF C058												
FY 2000	3530	1075.70	AMCCOM DRSMC	Dec-99	MIPR	CRANE AAA	Jun-00	Mar-02	YES			
FY 2001	2088	1161.28	AMCCOM DRSMC	Dec-00	MIPR	CRANE AAA	Mar-01	Mar-03	YES			
76MM BL&P C062												
FY 1998	2412	469.89	AMCCOM DRSMC	Dec-97	MIPR	CRANE AAA	Jun-98	Nov-01	YES			
FY 1999	3888	533.85	AMCCOM DRSMC	Dec-98	MIPR	CRANE AAA	May-99	Feb-02	YES			
FY 2000	3605	648.54	AMCCOM DRSMC	Dec-99	MIPR	CRANE AAA	Jun-00	Oct-02	YES			
FY 2001	9684	531.08	AMCCOM DRSMC	Dec-00	MIPR	CRANE AAA	Mar-01	Jun-03	YES			

D. REMARKS

NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION					
Program Element for Code B Items: SUBHEAD NO. 11AG								Other Related Program Elements BLIN: 027000					
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY													
COST (In Millions)				\$5.8	\$5.1	\$7.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	Continuing	
<p><u>ITEM DESCRIPTION/JUSTIFICATION:</u></p> <p>This program provides ammunition (20MM through 84MM cartridges and rockets) in support of active Navy ships, and for active and reserve ashore warfare forces including mobile construction battalions (MCB), amphibious construction battalion (ACB), fleet combat readiness groups, inshore undersea warfare groups, and several other type operational units.</p> <p><u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.</p> <p><u>PRODUCTION ENGINEERING:</u> Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.</p> <p><u>PRODUCT IMPROVEMENT:</u> The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.</p>													

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CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION					
Program Element for Code B Items: SUBHEAD NO. 11AG								Other Related Program Elements BLIN: 027000					
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY													
COST (In Millions)				\$5.8	\$5.1	\$7.3						Continuing	
<p><u>CONTINUED:</u></p> <p><u>RENOVATION COMPONENTS:</u> The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions</p> <p><u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.</p> <p><u>NON-STANDARD ITEMS:</u> The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.</p> <p>All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.</p>													

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PROCUREMENT PROGRAM - RESERVE COMPONENTS P-1R				Weapon System									DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 027001	P-1 ITEM NOMENCLATURE/SUBHEAD OTHER SHIP GUN AMMUNITION SUBHEAD NO. 11AG												
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS														
			Prior Years	FY 2000			FY 2001			FY 2002			FY 2003				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
AG000	OTHER SHIP GUN AMMUNITION			1,229		51	2,394		51	936		51					
			0			51			51			51					0

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CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 027000	P-1 ITEM NOMENCLATURE/SUBHEAD OTHER SHIP GUN AMMUNITION SUBHEAD NO. 11AG											
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2000			FY 2001			FY 2002			FY 2003			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
AG100	25MM CARTRIDGES CTG. 25MM, TP-T, M793	A976		66,000	12.75	842	49,280	12.83	632	86,020	12.77	1,099				
	30MM CARTRIDGES CTG. 30MM, APDS	A351					3,100	30.47	95	3,300	30.94	102				
	CTG. 30MM, HEI	B104					12,300	24.40	300	13,200	24.80	327				
	CTG. 30MM, TP	B116					6,200	7.73	48	10,200	7.86	80				
	40MM CARTRIDGES (GRENADE) CTG. 40MM, FIXED, PRAC	B576		94,112	12.20	1,148	102,976	12.04	1,240	73,024	11.33	827				
	CTG. 40MM, BLANK, SAL (350 & 200)	B650		5,994	46.62	280	7,200	41.14	296							
	60MM CARTRIDGES CTG. 60MM, HE	B643		21,888	102.89	2,252										
AG200	20MM CARTRIDGES CTG. 20MM, PLASTIC DUMMY	AA20		106,500	5.13	546	380,000	4.24	1,611	183,500	20.67	3,793				
	CTG. 20MM, DS, ELC	AELC														
	PE/QA (SMCA)					78			133			275				
AG830	PRODUCTION ENGINEERING					523			607			650				
AG850	PRODUCT IMPROVEMENT					46			59			72				
AG892	NON-STANDARD ITEMS					4			21			21				
AG893	RENOVATION COMPONENTS					55			57			42				
AG894	GAUGE REQUIREMENTS					29			30			30				
			0				5,803				5,129				7,318	0

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE June 2001		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION BLIN: 027000				SUBHEAD 11AG	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AG100										
25MM CARTRIDGES CTG. 25MM, TP-T, M793 A976										
FY 2000	66000	12.75	AMCCOM DRSMC	Oct-99	MIPR	ALLIANT TECH/PRIMEX	Mar-00	Jan-01	YES	
FY 2001	49280	12.83	AMCCOM DRSMC	Oct-00	MIPR	ALLIANT TECH/PRIMEX	Feb-01	Jun-02	YES	
FY 2002	86020	12.77	AMCCOM DRSMC	Oct-01	MIPR	UNKNOWN	Apr-02	Jun-03	NO	Jul-01
30MM CARTRIDGES CTG. 30MM, APDS A351										
FY 2001	3100	30.47	NSWC DAHLGREN	Oct-00	CONTRACT	UNKNOWN	Jun-01	Oct-02	YES	
FY 2002	3300	30.94	NSWC DAHLGREN	Oct-01	CONTRACT	UNKNOWN	Apr-02	Oct-03	NO	Jul-01
CTG. 30MM, HEI B104										
FY 2001	12300	24.40	NSWC DAHLGREN	Oct-00	CONTRACT	UNKNOWN	Jun-01	Oct-02	YES	
FY 2002	13200	24.80	NSWC DAHLGREN	Oct-01	CONTRACT	UNKNOWN	Apr-02	Oct-03	NO	Jul-01
CTG. 30MM, TP B116										
FY 2001	6200	7.73	NSWC DAHLGREN	Oct-00	CONTRACT	UNKNOWN	Jun-01	Oct-02	YES	
FY 2002	10200	7.86	NSWC DAHLGREN	Oct-01	CONTRACT	UNKNOWN	Apr-02	Oct-03	NO	Jul-01
D. REMARKS										
NOTE: All items shown are priced with available GFM.										

CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					OTHER SHIP GUN AMMUNITION				11AG		
BLIN: 027000											
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE	
AG 100 CONTINUED											
40MM CARTRIDGES (GRENADE)											
CTG. 40MM, FIXED, PRACTICE B576											
FY 2000	94112	12.20	AMCCOM DRSMC	Oct-99	MIPR	AMERICAN ORDNANCE	Nov-00	Jan-02	YES		
FY 2001	102976	12.04	AMCCOM DRSMC	Oct-00	MIPR	UNKNOWN	Jun-01	Jul-03	YES		
FY 2002	73024	11.33	AMCCOM DRSMC	Oct-01	MIPR	UNKNOWN	Jan-02	Oct-03	NO	Jul-01	
CTG. 40MM, BLANK, SAL (350 & 200 GRAMS) B650											
FY 1999	8532	33.70	AMCCOM DRSMC	Oct-98	MIPR	MILAN AAP	Feb-99	Mar-01	YES		
FY 2000	5994	46.62	AMCCOM DRSMC	Oct-99	MIPR	UNKNOWN	Jun-01	Dec-01	YES		
FY 2001	7200	41.14	AMCCOM DRSMC	Oct-00	MIPR	UNKNOWN	Jun-01	Jul-02	YES		
AG200											
20MM CARTRIDGES											
CTG. 20MM DS, ELC AELC											
FY 2002	183500	20.67	ARDEC	Oct-01	MIPR	UNKNOWN	Feb-02	Oct-03	NO	Jul-01	

D. REMARKS

NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE SMALL ARMS AND LANDING PARTY AMMUNITION					
Program Element for Code B Items: SUBHEAD NO. 11AH								Other Related Program Elements BLIN: 033500					
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY													
COST (In Millions)				\$8.0	\$8.7	\$8.9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		
<p><u>ITEM DESCRIPTION/JUSTIFICATION:</u></p> <p>This program provides ammunition in support of active Navy ships and for active and reserve ashore warfare forces including: mobile construction battalions (MCB), amphibious construction battalion (ACB) and fleet combat readiness groups, inshore undersea warfare groups and several other type operational units.</p> <p><u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.</p> <p><u>PRODUCTION ENGINEERING:</u> Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.</p> <p><u>PRODUCT IMPROVEMENT:</u> The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.</p>													

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE SMALL ARMS AND LANDING PARTY AMMUNITION					
Program Element for Code B Items: SUBHEAD NO. 11AH								Other Related Program Elements BLIN: 033500					
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY													
COST (In Millions)				\$8.0	\$8.7	\$8.9						continuing	continuing
<p><u>CONTINUED:</u></p> <p><u>RENOVATION COMPONENTS:</u> The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions</p> <p><u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.</p> <p><u>NON-STANDARD ITEMS:</u> The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.</p> <p>All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.</p>													

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PROCUREMENT PROGRAM - RESERVE COMPONENTS P-1R				Weapon System									DATE: June 2001		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 033501	P-1 ITEM NOMENCLATURE/SUBHEAD SMALL ARMS AND LANDING PARTY AMMUNITION SUBHEAD NO. 11AH										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2000			FY 2001			FY 2002			FY 2003		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AH000	SMALL ARMS & LANDING PARTY AMMO			138,606		68	164,256		67	73,350		30			
			0			68			67			30			0

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 033500	P-1 ITEM NOMENCLATURE/SUBHEAD SMALL ARMS AND LANDING PARTY AMMUNITION SUBHEAD NO. 11AH											
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2000			FY 2001			FY 2002			FY 2003			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
AH100	SHOTGUN CARTRIDGES CTG. 12 GA, NO. 00	A011					818,880	0.35	287		980,000	0.35	343			
	5.56MM CARTRIDGES CTG. 5.56MM, BALL, M855 CTG. 5.56MM, TRACER, M856	A059 A063		252,560	0.38	96					3,775,000	0.23	868			
	5.56MM CARTRIDGES CTG. 5.56MM, BLANK	A080									1,370,000	0.11	151			
	.22 CAL CARTRIDGES CTG. .22 CAL, BALL, LR, MATCH	A097									300,000	0.27	81			
	7.62MM CARTRIDGES CTG. 7.62MM, BALL, LINKED M80 CTG. 7.62MM, DIM TRACE M80/M276 CTG. 7.62MM, MATCH	A143 A257 AA11		1,048,000	0.55	577										
				478,500	0.55	263										
				544,640	0.46	250	432,400	0.56	242							
	9MM CARTRIDGES CTG. 9MM, BALL CTG. 9MM, FRANGIBLE	A363 AA16		2,000,000	0.12	240					8,397,760	0.12	1,008			
											1,800,000	0.30	540			
SUBTOTAL (PAGE 1 OF P5)			0			1,426			529			2,991				0

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P-1 SHOPPING LIST
ITEM NO. 16

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: June 2001		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 033500	P-1 ITEM NOMENCLATURE/SUBHEAD SMALL ARMS AND LANDING PARTY AMMUNITION SUBHEAD NO. 11AH										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2000			FY 2001			FY 2002			FY 2003		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AH100	CONTINUED .45 CAL CARTRIDGES CTG. .45 CAL, BALL, WADCUTTER CTG. .45 CAL, BALL, M1911, MAT	A470 A483		428,000	0.27	116	241,000	0.43	104	330,000	0.45	148			
	.50 CAL CARTRIDGES CTG. .50 CAL, LINKED, BALL CTG. .50 CAL, LINKED & TRACER CTG. .50 CAL, MK 211, APIT, M2	A555 A557 AA06		572,000 738,000	1.68 6.00	961 4,428	1,358,000 674,800	2.19 6.12	2,974 4,130	470,000 621,700	1.74 6.24	818 3,879			
	PE/QA (SMCA)					264			115			146			
AH830	PRODUCTION ENGINEERING					290			302			315			
AH850	PRODUCT IMPROVEMENT					0			0			117			
AH895	NON-STANDARD ITEMS					236			251			259			
AH350	MATCH AMMO					257			260			205			
SUBTOTAL (PAGE 2 OF P5)			0			6,552			8,136			5,887			0
TOTAL			0			7,978			8,665			8,878			0

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE June 2001		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE SMALL ARMS & LANDING PARTY AMMO BLIN: 033500				SUBHEAD 11AH	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AH100										
SHOTGUN CARTRIDGES CTG. 12 GA. NO. 00 A011 FY 1999	494720	0.32	AMCCOM DRSMC	Oct-98	MIPR	FED CTG CO	Jan-00	May-00	YES	
FY 2001	818880	0.35	AMCCOM DRSMC	Oct-00	MIPR	UNKNOWN	Jun-01	Aug-02	YES	
FY 2002	980000	0.35	AMCCOM DRSMC	Oct-01	MIPR	UNKNOWN	Feb-02	Aug-02	NO	Jul-01
5.56MM CARTRIDGES CTG. 5.56MM, BALL A059 FY 2002	3775000	0.23	AMCCOM DRSMC	Oct-01	MIPR	UNKNOWN	Dec-01	Nov-02	NO	Jul-01
CTG. 5.56MM, BLANK A080 FY 2002	1370000	0.11	AMCCOM DRSMC	Oct-01	MIPR	UNKNOWN	Dec-01	Nov-02	NO	Jul-01
.22 CAL CARTRIDGES CTG. .22, BALL, LR, MATCH A097 FY 2002	300000	0.27	AMCCOM DRSMC	Oct-01	MIPR	UNKNOWN	Apr-02	Apr-03	NO	Jul-01
D. REMARKS										
NOTE: All items shown are priced with available GFM.										

CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)	Weapon System	A. DATE June 2001
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B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1	C. P-1 ITEM NOMENCLATURE SMALL ARMS & LANDING PARTY AMMO BLIN: 033500	SUBHEAD 11AH
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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
AH100 CONTINUED										
9MM CARTRIDGES CTG. 9MM, BALL A363										
FY 2000	2000000	0.12	AMCCOM DRSMC	Oct-99	MIPR	OLIN CORPORATION	Jun-00	Aug-00	YES	
FY 2002	8397760	0.12	AMCCOM DRSMC	Oct-01	MIPR	UNKNOWN	Feb-02	Aug-02	NO	Jul-01
CTG. 9MM, FRANGIBLE AA16										
FY 2002	1800000	0.30	AMCCOM DRSMC	Oct-01	MIPR	UNKNOWN	Apr-02	Apr-03	NO	Jul-01
.45 CAL CARTRIDGES CTG. .45 CAL, BALL, WADCUTTER, MG A470										
FY 1999	131200	0.25	NSWC CRANE	Oct-98	COMM	UNKNOWN	Jun-01	Sep-01	YES	
FY 2001	241000	0.43	NSWC CRANE	Oct-00	COMM	UNKNOWN	Jun-01	Apr-02	YES	
FY 2002	330000	0.45	NSWC CRANE	Oct-01	COMM	UNKNOWN	Apr-02	Apr-03	NO	Jul-01

D. REMARKS

NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								June 2001		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					SMALL ARMS & LANDING PARTY AMMO				11AH	
					BLIN: 033500					
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
AH100 CONTINUED										
.50 CAL CARTRIDGES										
CTG. .50 CAL, LINKED, BALL	A555									
FY 2002	470000	1.74	AMCCOM DRSMC	Oct-01	MIPR	UNKNOWN	Dec-01	Nov-02	YES	
CTG. .50 CAL, LINKED & TRACER	A557									
FY 2000	572000	1.68	AMCCOM DRSMC	Oct-99	MIPR	ALLIANT TECHSYSTEMS	Mar-00	Feb-01	YES	
FY 2001	1358000	2.19	AMCCOM DRSMC	Oct-00	MIPR	ALLIANT TECHSYSTEMS	Feb-01	Dec-01	YES	
CTG. .50 CAL, MK 211, APIT, M2	AA06									
FY 2000	738000	6.00	AMCCOM DRSMC	Oct-99	MIPR	UNKNOWN	Jul-01	Jun-02	YES	
FY 2001	674800	6.12	AMCCOM DRSMC	Oct-00	MIPR	UNKNOWN	Jul-01	Jun-02	YES	
FY 2002	621700	6.24	AMCCOM DRSMC	Oct-01	MIPR	UNKNOWN	Dec-01	Nov-02	NO	Jul-01
D. REMARKS										
NOTE: All items shown are priced with available GFM.										

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: June 2001					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL					
Program Element for Code B Items: SUBHEAD NO. 11AJ								Other Related Program Elements 9					
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY													
COST (In Millions)				\$8.1	\$6.3	\$8.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		
<p><u>ITEM DESCRIPTION/JUSTIFICATION:</u></p> <p>This program provides pyrotechnics and demolition materials for all active naval vessels, amphibious and mobile construction battalions, mobile diving and salvage units, cargo handling and port groups, naval security groups, fleet composite operational readiness groups (formerly beachjumper unit (BJU's)) and explosive ordnance disposal groups/mobile units/detachments/teams. This program also provides materials to support the ship shock test program.</p> <p>Pyrotechnics are required to support the surface, air, ground, and underwater Navy requirements. These items consist of illumination, signalling, identification, and location devices using flare or smoke as the primary signalling agent. Pyrotechnics are used for training, combat exercises, submarine rescue and personnel search and rescue operations. Demolitions consist of explosive devices and accessories and are required for fleet units to perform training functions and operations/requirements. Fleet requirements are based upon CNO approved allowance lists for special needs on a case by case basis and worldwide fleet expenditure</p> <p><u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.</p> <p><u>PRODUCTION ENGINEERING:</u> Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.</p>													

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CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: June 2001					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL					
Program Element for Code B Items: SUBHEAD NO. 11AJ								Other Related Program Elements BLIN: 034000					
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY													
COST (In Millions)				\$8.1	\$6.3	\$8.4							Continuing

CONTINUED:

PRODUCT IMPROVEMENT: The requested funds provide engineering services and related efforts by the producing contractor of manufacturing installation. To extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

RENOVATION COMPONENTS: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

GAUGE: These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

NON-STANDARD ITEMS: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

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PROCUREMENT PROGRAM - RESERVE COMPONENTS P-1R				Weapon System									DATE: June 2001		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 034000		P-1 ITEM NOMENCLATURE/SUBHEAD PYROTECHNICS AND DEMOLITION SUBHEAD NO. 11AJ									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2000			FY 2001			FY 2002			FY 2003		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AJ100	PYROTECHNICS & DEMOLITION MATERIAL			13,333		84	5,845		83	17,500		84			
			0		84		83		84			0			

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: June 2001					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 034000	P-1 ITEM NOMENCLATURE/SUBHEAD PYROTECHNICS AND DEMOLITION SUBHEAD NO. 11AJ													
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS															
			Prior Years	FY 2000			FY 2001			FY 2002			FY 2003					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
AJ100	SIGNALS																	
	SIGNAL, ILLUM, MARINE, RED	L191																
	SIGNAL, ILLUM, MARINE, YELLOW	L192																
	SIGNAL, ILLUM, MARINE, RED STA	L193																
	SIGNAL, SMOKE ILLUM, MARINE, GRE	L259						744	810.31									
	SIGNAL, SMOKE ILLUM, MARINE, YELL	L260						744	810.31									
	SIGNAL, SMOKE ILLUM, MARINE, DIST	L283										32,976	49.55			1,634		
	TRAINING DEVICES																	
	SIM. HAND GRENADE	L601		10,050	3.46		35											
	MINE CHARGES & CHARGE CUTTERS																	
	MAIN CHARGE DISRUPTOR	DWDF		6,500	36.15		235					2,000	43.58			87		
	LIGHTWEIGHT DISP. DISRUPTOR	DWDN						6,500	97.62									
	CHG, DML, BLK, COMP C-4	M023		13,020	21.10		275	24,990	15.08									
	CHG, ASSY, DML M183/37	M757		2,500	398.73		997											
	CHG, XPL CUT, TAPE, 1000 GM/MT	MM54						5,000	92.87									
	MK 98 MNC ACCESSORIES	98AC					25											
	DET CORDS, CAPS & FUZES																	
	30 FT 175MS DELAY DET	175D		15,000	6.50		97											
	12 FT 17MS DELAY DET	17DD		6,000	6.50		39											
	16 FT 200MS DELAY DET	200D		15,000	6.50		97											
	12 FT 25MS DELAY DET	25DD		6,000	6.50		39											
	12 FT 42MS DELAY DET	42DD		6,000	6.50		39											
	FIRING DEVICE, MK62	62FD		1,376	802.11		1,104	1,197	815.15									
	DETONATOR, TRUNK	DWCN					59											
	CAP, BLASTING, NON-ELEC, M7	M131		57,800	8.65		500											
	CORD, DETONATING, PRIMACORD	M456		800,000	0.15		120					1,000,000	0.15			150		
	FUZE, BLASTING, TIME	M670																
	SQUIB, ELEC SWITCH, MK112-2	M853										100	1623.07			162		
	SQUIB, ELECTRIC, MK 20 MOD 0	MG61										9,950	38.71			385		
	BLASTING CAP, ELEC, MK 11	ML83		44,000	42.40		1,866					31,760	50.89			1,616		
	FIRING DEVICE TRAINER MK49	MN45		200	729.00		146											
	ACOUSTIC FIRING SYSTEM	NZZZ										391	3441.50			1,346		
SUBTOTAL (PAGE 1 OF P5)			0				5,673					3,658				5,380		0

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P-1 SHOPPING LIST

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								June 2001		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					PYROTECHNICS AND DEMOLITION					11AJ
					BLIN: 034000					
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AJ100										
SIGNALS										
SIGNAL, ILLUM, MARINE, RED L191										
FY 1998	20688	76.45	AMCCOM DRSMC	Oct-97	MIPR	SECURITY SIGNALS	Jun-99	Sep-01	YES	
FY 1999	9480	98.72	AMCCOM DRSMC	Oct-98	MIPR	SECURITY SIGNALS	Jun-99	Feb-02	YES	
SIGNAL, ILLUM, MARINE, YELLOW L192										
FY 1998	20688	98.97	AMCCOM DRSMC	Oct-97	MIPR	SECURITY SIGNALS	Jun-99	Apr-01	YES	
FY 1999	6744	99.11	AMCCOM DRSMC	Oct-98	MIPR	SECURITY SIGNALS	Jun-99	Nov-01	YES	
SIGNAL, ILLUM, MARINE, RED STA L193										
FY 1998	13344	71.90	AMCCOM DRSMC	Oct-97	MIPR	SECURITY SIGNALS	Jun-99	Nov-00	YES	
FY 1999	6744	74.33	AMCCOM DRSMC	Oct-98	MIPR	SECURITY SIGNALS	Jun-99	Apr-01	YES	
SIGNAL, SMOKE ILLUM, MARINE, DISTRESS L283										
FY 1997	30024	38.79	AMCCOM DRSMC	Oct-96	MIPR	MARTIN ELECTRONICS	Apr-97	May-98	YES	
FY 1999	25272	46.86	AMCCOM DRSMC	Oct-98	MIPR	MARTIN ELECTRONICS	Oct-00	Dec-01	YES	
FY 2002	32976	49.55	AMCCOM DRSMC	Oct-01	MIPR	UNKNOWN	Apr-02	Aug-03	NO	Jul-01

D. REMARKS

NOTE: All items shown are priced with available GFM.

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					PYROTECHNICS AND DEMOLITION				11AJ		
BLIN: 034000											
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE	
AJ100 CONTINUED											
MINE CHARGES AND CUTTERS											
MAIN CHARGE DISRUPTOR DWDF											
FY 2000	6500	36.15	NSWC CRANE	Oct-99	CONTRACT	DIVERSIFIED MANUF.	Dec-00	Dec-01	YES		
FY 2002	2000	43.58	NSWC CRANE	Oct-01	CONTRACT	UNKNOWN	Apr-02	Jan-03	NO	Jul-01	
LIGHTWEIGHT DISPOSABLE DISRUPTOR DWDN											
FY 2001	6500	97.62	NSWC CRANE	Oct-00	CONTRACT	UNKNOWN	Sep-01	May-02	YES		
CHG, DML, BLK, COMP C-4 M023											
FY 2001	24990	15.08	AMCCOM DRSMC	Oct-00	MIPR	UNKNOWN	Jun-01	Mar-02	YES		
DET CORDS, CAPS AND FUZES											
CORD, DETONATING, PRIMACORD, PETN M456											
FY 2000	800000	0.15	AMCCOM DRSMC	Oct-99	MIPR	UNKNOWN	Jun-01	Aug-01	YES		
FY 2002	1000000	0.15	AMCCOM DRSMC	Oct-01	MIPR	UNKNOWN	Apr-02	Nov-02	NO	Jul-01	
D. REMARKS											
NOTE: All items shown are priced with available GFM.											

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE June 2001			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION BLIN: 034000				SUBHEAD 11AJ		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE	
AJ100 CONTINUED											
DET CORDS, CAPS AND FUZES CONTINUED FUZE, BLASTING, TIME M670 FY 1999	248000	0.15	AMCCOM DRSMC	Oct-98	MIPR	ENSIGN BICKFORD	Sep-99	Oct-00	YES		
SQUIB, ELEC SWITCH, MK112-2 M853 FY 2002	100	1623.07	NSWC CRANE	Oct-01	CONTRACT	UNKNOWN	Feb-02	Apr-03	NO	Jul-01	
SQUIB, ELECTRIC, MK 20 MOD 0 MG61 FY 1995	3440	32.56	NSWC CRANE	Oct-94	CONTRACT	NSWC INDIAN HEAD	Mar-97	May-01	YES		
FY 1999	8000	29.90	NSWC CRANE	Oct-98	CONTRACT	NSWC INDIAN HEAD	Jan-99	Jan-02	YES		
FY 2002	9950	38.71	NSWC CRANE	Oct-01	CONTRACT	UNKNOWN	Apr-02	Apr-03	NO	Jul-01	
BLASTING CAP, ELEC, MK 11 ML83 FY 2000	44000	42.40	NSWC CRANE	Oct-99	CONTRACT	STRESAU LABORATORY	Jun-00	Apr-02	YES		
FY 2002	31760	50.89	NSWC CRANE	Oct-01	CONTRACT	UNKNOWN	Apr-02	Apr-03	NO	Jul-01	
ACOUSTIC FIRING SYSTEM NZZZ FY 2002	391	3441.50	NSWC CRANE	Oct-01	CONTRACT	UNKNOWN	Apr-02	Oct-03	NO	Jul-01	
D. REMARKS											
NOTE: All items shown are priced with available GFM.											

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								June 2001		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					PYROTECHNICS AND DEMOLITION				11AJ	
					BLIN: 034000					
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AJ100 CONTINUED										
CUTTERS AND CARTRIDGES CTG, IMPULSE, MK 148/0 M663 FY 2002	100	565.52	NSWC CRANE	Oct-01	CONTRACT	UNKNOWN	Apr-02	Jun-03	NO	Jul-01
DET, ELEC, M107/0 MW97 FY 1998	198	930.00	NSWC CRANE	Oct-97	CONTRACT	UPCO	Jan-99	Sep-00	YES	
FY 2002	110	1218.66	NSWC CRANE	Oct-01	CONTRACT	UNKNOWN	Apr-02	Jun-03	NO	Jul-01
CTG, 50 CAL, MK 209 SS01 FY 1995	2786	19.86	NSWC IH	Dec-94	CONTRACT	PROPELLEX	Sep-97	Oct-01	YES	
FY 1996	4481	19.86	NSWC IH	Feb-96	CONTRACT	PROPELLEX	Sep-97	Oct-01	YES	
FY 1997	8066	19.86	NSWC IH	Oct-96	CONTRACT	PROPELLEX	Sep-97	Oct-01	YES	
SHOCK TEST CHARGES SHOCK TEST CHARGE, 60 LB XW65 FY 2001	300	1240.00	AMCCOM DRSMC	Oct-00	MIPR	NSWC INDIAN HEAD	Nov-00	Jun-02	YES	
FY 2002	235	2347.25	AMCCOM DRSMC	Oct-01	MIPR	UNKNOWN	Jan-02	Aug-03	NO	Jul-01
D. REMARKS										
NOTE: All items shown are priced with available GFM.										

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA-1: NAVY AMMUNITION								P-1 ITEM NOMENCLATURE MINE NEUTRALIZATION DEVICES/035000/71U4					
Program Element for Code B Items:								Other Related Program Elements 0204302N					
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
EQUIPMENT COST	\$19.0	A		\$9.1	\$7.3	\$5.0							
SPARES COST (In Millions)				\$0.5	\$0.8	\$0.5							
<p>PROGRAM DESCRIPTION/JUSTIFICATION:</p> <p>The Mine Neutralization System (MNS) was granted Approval for Full Rate Production in August 1991. The MNS is the primary weapon system for the MCM and MHC class ships. The Mine Neutralization Vehicle can drop a MK-57 Destructor charge (MP-2) near a bottom mine to neutralize it. The vehicle is also capable of attaching a MK-26 Cable cutter (MP-1) to a Moored Mine. MP-3 utilizes a modified MK-26 (MP-1) cable cutter and MK-57 Destructor (MP-2) together with floats to neutralize moored mines in place.</p> <p>MK-57 Bomblet (U4005) - The MK-57 destructor charge, also known as Mission Package 2 (MP-2), is used to neutralize bottom mines.</p> <p>MP-3 Device (U4007) - The MP-3 Device combines components from MP-1 (modified MK-26 cable cutters) and MP-2 (MK-57 destructor) along with floats to neutralize moored mines in place.</p>													

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WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System						DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA-1: NAVY AMMUNITION							ID Code A	P-1 ITEM NOMENCLATURE/SUBHEAD MINE NEUTRALIZATION DEVICES/035000/71U4									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS														
			Prior Years	FY 2000			FY 2001			FY 2002			FY 2003				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
	MINE WARFARE, N852																
U4002	EXPLOSIVE LOADING		2,090			947			790			573					
U4005	MK 57 BOMBLET	A	5,700	126	17.91	2,257	0	0.00	0	0	0.00	0					
U4007	MP-3 DEVICE	A	6,650	122	28.50	3,477	100	47.20	4,720	62	52.00	3,224					
U4830	PRODUCTION ENGINEERING		1,843			1,065			698			500					
U4840	QUALITY ASSURANCE		247			110			110			85					
U4860	ACCEPTANCE TEST & EVALUATION		1,900			1,082			732			463					
U4900	CONSULTING SERVICES		570			200			200			140					
			19,000			9,138			7,250			4,985					

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					MINE NEUTRALIZATION DEVICES/035000				71U4	
BA-1: NAVY AMMUNITION										
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
FISCAL YEAR 2000										
U4005/MK 57 BOMBLET	126	17.91	NAVSEA	10/99	C/FP	Raytheon Portsmouth, RI	06/00	11/01*	YES	
U4007/MP-3 DEVICE	122	28.50	NAVSEA	10/99	C/FP	Raytheon Portsmouth, RI	06/00	11/01	YES	
FISCAL YEAR 2001										
U4007/MP-3 DEVICE	100	47.2	NAVSEA	N/A	OPTION	Raytheon Portsmouth, RI	12/00	06/02	YES	
FISCAL YEAR 2002										
U4007/MP-3 DEVICE	62	52	NAVSEA	N/A	OPTION	Raytheon Portsmouth, RI	12/01	06/03	YES	
D. REMARKS										
* Delivery dates shown are for complete Destructor MK-57. Final delivery includes successful completion of lot acceptance testing, explosive loading of cases and production of Firing Devices MK-35 by NSWC, Indian Head Division.										

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BUDGET ITEM JUSTIFICATION SHEET P-40				DATE: June 2001								
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS				P-1 ITEM NOMENCLATURE Ammunition less than \$5 million (J1A5)								
Program Element for Code B Items:				Other Related Program Elements								
	Prior Years	ID Code	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY												
COST (In Millions)		A	\$2.2	\$1.3	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	continuing	continuing
<p>Beginning FY 2000 Marine Location Markers is under the heading of Ammunition less than \$5 million</p> <p>Ammunition Less than \$5 Million These items include both air-launched and hand-launched pyrotechnic devices. The aircraft launched units visually assist in the location of sonobouys during anti-submarine operations. The hand launched units are used in a variety of situations to include SAR operations, Man Overboard drills and Target Marking. The MK 58 was designed for day or night use in any condition calling for long burning, smoke and flame reference-point marking on the ocean. It produces yellow flame and white smoke for 40-60 minutes which is visible for at least three miles under normal operating conditions. The MK 25 is designed to launch from aircraft (primary) or surface craft to provide day/night reference-points in marking the course of enemy contacts. It is suitable for any type of sea surface reference point marking that requires both smoke and flame propagation for approximately fifteen minutes.</p> <p>The current budget profile provides funding for support efforts (PES, ILS), procurement of non-standard items, renovation components, and product improvement programs (PIPs) for future procurements. Funds for PIP are required to: complete design and testing of an arming switch as an additional safety feature in each marker configuration. Some minor hardware/material changes will be made at the same time for cost and ease of manufacture considerations.</p>												
NAVY RESERVE (FY00-05 is below 26K)				FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	
				\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a						DATE: June 2001						
APPROPRIATION/BUDGET ACTIVITY				P-1 ITEM NOMENCLATURE								
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS (\$000's)				Ammunition less than \$5 million (J1A5)								
Procurement Items	ID Code	Prior Years*	FY 2000	FY 2001	FY 2002						To Complete	Total
Marine Location Markers												
MK 58 MLM	A											
Quantity			5990	1646	1681							
Funding			\$1,359.0	\$419.0	\$411.0							
Other Costs			\$831.0	\$912.0	\$932.0							
Total P-1 Funding			\$2,190.0	\$1,331.0	\$1,343.0							
*FY 1998/1999 and prior funded under the Procurement of Ammunition, Navy and Marine Corp (PANMC) Line Item Marine Location Markers. Qtys decreased due to an increase in unit costs.												

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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: June 2001					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE CAWCF CLOSURE COSTS					
Program Element for Code B Items: SUBHEAD NO. 11AM								Other Related Program Elements BLIN: 041500					
	Prior Years	ID Code		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total
QUANTITY													
COST (In Millions)				\$0.0	\$9.0	\$7.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		
<u>ITEM DESCRIPTION/JUSTIFICATION:</u>													
<p>Funding is requested to support the Conventional Ammunition Working Capital Fund (CAWCF) which was established in FY 1982 to meet the operational needs of the Services to procure ammunition. The CAWCF provided a single organization through which orders from the Services could be consolidated. This arrangement was to provide economies of scale, low prices, and increased efficiencies for management of ammunition procurement.</p> <p>This budget reflects funding for NAVSEA and NAVAIR.</p>													

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 041500	P-1 ITEM NOMENCLATURE/SUBHEAD CAWCF CLOSURE COSTS SUBHEAD NO. 11AM												
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS														
			Prior Years	FY 2000			FY 2001			FY 2002			FY 2003				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
AM100	CAWCF CLOSURE COSTS NAVSEA										567			2,397			
AM200	CAWCF CLOSURE COSTS NAVAIR										8,421			4,596			
			0								8,988			6,993			0

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WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System						DATE: June 2001						
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1							ID Code 025300		P-1 ITEM NOMENCLATURE/SUBHEAD CAWCF CLOSURE COST SUBHEAD NO. 11AM										
COST CODE	ELEMENT OF COST	FY 2004			FY 2005			FY 2006			FY 2007			To Complete		Total			
		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost		
		AM100	CAWCF CLOSURE COSTS NAVSEA																
AM200	CAWCF CLOSURE COSTS NAVAIR																		
				0			0			0			0			0		0	

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