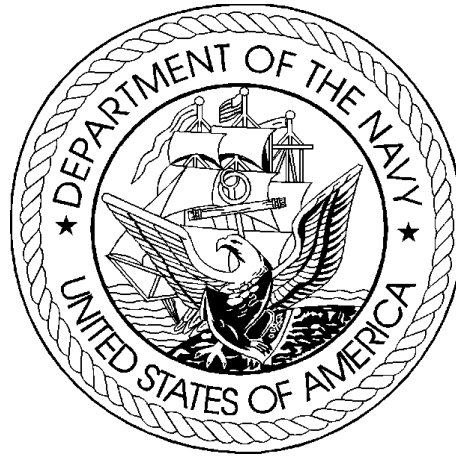


DEPARTMENT OF THE NAVY  
FISCAL YEAR (FY) 2004/2005  
BIENNIAL BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES  
FEBRUARY 2003

PROCUREMENT OF AMMUNITION,  
NAVY AND MARINE CORPS  
BUDGET ACTIVITY 1

UNCLASSIFIED

Department of the Navy

FY 2004/2005 Procurement Program

Exhibit P-1

APPROPRIATION: 1508N Procurement of Ammunition, Navy/Marine Corps

DATE: February 2003

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS)	TOA, \$ IN MILLIONS								S E C
			FY 2004 UNIT COST	-----FY 2002----- QUANTITY	COST	-----FY 2003----- QUANTITY	COST	-----FY 2004----- QUANTITY	COST	-----FY 2005----- QUANTITY	COST	
BUDGET ACTIVITY 01: Navy Ammunition												
-----												
Navy Ammunition												
1	0145 General Purpose Bombs	A			63.8		299.5		164.1		226.4	U
2	0148 JDAM	B	22,501	14553	301.8	12280	275.2	12326	277.3	11014	264.9	U
3	0151 Airborne Rockets, All Types	A			20.3		51.4		28.2		38.1	U
4	0155 Machine Gun Ammunition	A			13.2		30.3		17.9		25.8	U
5	0160 Practice Bombs	A			34.8		64.5		51.4		53.9	U
6	0180 Cartridges & Cart Actuated De	A			23.0		25.9		26.4		26.5	U
7	0181 Aircraft Escape Rockets	A			9.9		10.6		10.9		10.9	U
8	0182 Air Expendable Countermeasure	A			39.2		38.2		44.1		56.7	U
9	0194 JATOS	A			5.3		4.5		4.6		4.5	U
10	0250 5 Inch/54 Gun Ammunition	A			16.0		12.0		13.2		20.0	U
11	0253 Extended Range Guided Munitio	A			5.1		-		3.8		21.6	U
12	0265 76mm Gun Ammunition	A			1.0		8.2		1.2		1.2	U
13	0270 Other Ship Gun Ammunition	A			7.2		9.9		16.4		19.5	U
14	0335 Small Arms & Landing Party Am	A			8.8		18.7		17.7		23.3	U
15	0340 Pyrotechnic and Demolition	A			8.3		10.2		10.5		10.3	U
16	0350 Mine Neutralization Devices	A			4.9		2.7		-		-	U
17	0400 Ammunition less than \$5 milli				1.3		3.1		2.2		3.2	U
18	0415 CAWCF Closure Costs				6.8		-		-		-	U
TOTAL Navy Ammunition					570.9		864.7		690.0		806.8	

\* ITEMS UNDER \$50,000

UNCLASSIFIED

PAGE N- 2

**Fiscal Year 2004/2005 Budget Estimates  
Budget Appendix Extract Language**

**PROCUREMENT OF AMMUNITION, NAVY and MARINE CORPS  
(PANMC)**

For construction, procurement, production, and modification of ammunition, and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including ammunition facilities authorized by section 2854 of title 10, United States Code, and the land necessary therefor, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, [\$1,165,730,000] \$922,355,000, to remain available for obligation until September 30, [2005] 2006, of which \$25,809,000 shall be available for the Navy Reserve and Marine Corps Reserve. (*Department of Defense Appropriations Act, 2003.*)

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: FEBRUARY 2003					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							P-1 ITEM NOMENCLATURE General Purpose Bombs (J1Q2)(BLI 014500)					
Program Element for Code B Items: B.A.1 - Navy Ammunition							Other Related Program Elements					
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)	\$327.3	A	\$63.8	\$299.5	\$164.1	\$226.4	\$220.3	\$186.4	\$187.0	\$171.8	Cont	Cont
Non Add DERF			\$316.0*									
<p>The <u>BLU-111</u> ( <u>FY 02</u> , <u>FY 03</u>, <u>FY 04</u> and <u>FY 05</u>): The 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 <u>Laser Guided Bomb (LGB) guidance units and airfoils</u> ( <u>FY 02</u>, <u>FY 03</u>, <u>FY 04</u> and <u>FY 05</u>): Procurement will be combined with warheads and fuzes from inventory. These procurements are to accommodate training and improve the war reserve posture.</p> <p>The <u>BSU-33 Conical Fins</u>, <u>BSU-86A/B Fins</u>, <u>BSU-85 Fins</u> and <u>MK 83 Conical Fins</u> (<u>FY 02</u>, <u>FY 03</u>, <u>FY 04</u> and <u>FY 05</u>) : Procurement is to replace expenditures and to maintain war reserve.</p> <p>The <u>BLU -117/B and BLU-110A/B</u> ( <u>FY 05</u> ) : The procurement is for expenditure replacement and to maintain war reserve. The BLU-117/B weapon is a 2000 lb bomb filled with insensitive explosive for shipboard use, which is an improved weapon over the older MK84. The BLU-110A/B is a 1,000 lb General Purpose Thermally Protected Bomb that is loaded with plastic bonded explosive (PBXN-109) to enhance its insensitive munitions performance.</p> <p><u>MK 77 Bombs (FY04-FY05)</u>: The procurement is to sustain training requirements over the FYDP to avoid further impact of an already degraded War Reserve stockpile.</p> <p>The <u>Product Improvement Program (PIP)</u>: The PIP effort is being used to continue investigation regarding hardware coating materials necessary in meeting the Environment Protection Agency's more stringent requirements.</p> <p><u>PES/ILS</u>: 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 02, FY 03, FY 04 and FY 05 buy of end items.</p> <p><u>Non-Add: Defense Emergency Response Fund (DERF)</u>: \$316M for Laser Guided Bomb Kits, General Purpose Bombs, fins and fuzes (includes \$5.9M for Special Tooling &amp; Test Equipment/Facilitization).</p> <p>Combined FY 2002 DERF and appropriated funds were used to procure a total of 17,685 Laser Guided Bomb (LGB) Kits in FY 2002 (11, 028 GBU-12 and 6,657 GBU-16 LGB Kits).</p>												
Navy Reserves			<u>02</u> .1	<u>03</u> .1	<u>04</u> .1	<u>05</u> .1	<u>06</u> .1	<u>07</u> .1	<u>08</u> .1	<u>09</u> .1		

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS							DATE: February 2003			
P-40a							P-1 ITEM NOMENCLATURE			
APPROPRIATION/BUDGET ACTIVITY							General Purpose Bombs (J1Q2)(BLI 014500)			
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS										
Procurement Items	ID Code	Prior Years*	FY 2002	FY 2003	FY 2004	FY 2005			To Complete	Total
LGB AFG(MXU-667/B/MXU-650/B)	A	--								
QTY			0	13,437	5,288	5,278				
FUNDING			\$0	\$67,185	\$27,101	\$27,725			Cont	Cont
LGB GUIDANCE UNIT(MAU-169 GU)	A	--								
QTY			2,480	13,437	5,288	5,278				
FUNDING			\$24,922	\$134,370	\$54,202	\$55,451			Cont	Cont
BLU117/B (2000LB) TP	A	--								
QTY			0	0	0	2,000				
FUNDING			\$0	\$0	\$0	\$21,554			Cont	Cont
BLU-111A/B PBX LOAD/MK 82 Live	A	--								
QTY			11,670	22,745	25,333	22,070				
FUNDING			\$29,980	\$57,973	\$65,880	\$59,148			Cont	Cont
BLU-110A/B PBX LOAD (F288)	A	--								
QTY			0	0	0	4,980				
FUNDING			\$0	\$0	\$0	\$27,940			Cont	Cont
MK 77 Bomb	A	--								
QTY			0	0	500	500			Cont	Cont
FUNDING			\$0	\$0	\$1,794	\$1,839				
BSU-86A/B	A	--								
QTY			1,716	1,884	3,133	3,103				
FUNDING			\$4,208	\$4,753	\$8,067	\$8,158			Cont	Cont
BSU-33 Conical Fins	A	--								
QTY			11,940	29,134	13,200	26,000				
FUNDING			\$1,058	\$2,624	\$1,210	\$2,438			Cont	Cont
FMU-143E/B	A	--								
QTY			0	1,500	0	0				
FUNDING			\$0	\$3,455	\$0	\$0			Cont	Cont
MK 83 Conical Fins	A	--								
QTY			0	5,372	1,000	5,000				
FUNDING			\$0	\$1,044	\$199	\$1,021			Cont	Cont
MK 84 Conical Fins	A	--								
QTY			0	0	0	0				
FUNDING			\$0	\$0	\$0	\$0			Cont	Cont
BSU-85	A	--								
QTY			0	2,552	1,500	9,050				
FUNDING			\$0	\$2,169	\$1,299	\$7,986			Cont	Cont
FMU-139 FUZE	A	--								
QTY			0	4,600	0	3,650				
FUNDING			\$0	\$9,200	\$0	\$7,578			Cont	Cont
MK 76 (E973)	A	--								
QTY			0	10,000	0	0				
FUNDING			\$0	\$302	\$0	\$0			Cont	Cont
BDU-48 (E962)	A	--								
QTY			0	27,000	0	0				
FUNDING			\$0	\$812	\$0	\$0			Cont	Cont
MK 82 INERT (F017)	A	--								
QTY			0	1,542	0	0				
FUNDING			\$0	\$1,730	\$0	\$0			Cont	Cont
MK 84 INERT	A	--								
QTY			0	2,285	0	0				
FUNDING			\$0	\$6,969	\$0	\$0			Cont	Cont
ALL OTHER SUPPORT		--	\$3,642	\$6,881	\$4,353	\$5,588			Cont	Cont
TOTAL P-1 FUNDING		\$326,618	63,810	299,467	164,105	226,426			Cont	Cont

P-1 SHOPPING LIST

CLASSIFICATION:

UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS									Weapon System			Date:			
P-5												FEBRUARY 2003			
APPROPRIATION/BUDGET ACTIVITY									ID Code			P-1 ITEM NOMENCLATURE/SUBHEAD			
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS												GENERAL PURPOSE BOMBS (J1Q2)(BLI 014500)			
B.A. 1 - Navy Ammunition															
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			FY 2002				FY 2003			FY 2004			FY 2005		
			Prior Years	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<b>GENERAL PURPOSE BOMBS SUBTOTAL</b>					<b>35,246</b>			<b>91,032</b>			<b>78,449</b>			<b>137,663</b>
Q2160	BLU-117/B (2000LB BOMB)(EB04)	A				0			0			0	2,000	10,777.23	21,554
Q2191	BLU-111A/B PBX Load(F289)/MK 82 Live	A		11,670	2,568.96	29,980	22,745	2,548.83	57,973	25,333	2,600.55	65,880	22,070	2,680.04	59,148
Q2192	BLU-110A/B PBX LOAD (F288)	A				0			0			0	4,980	5,610.38	27,940
Q2TBD	MK 77 Bombs	A				0			0	500	3,588.00	1,794	500	3,678.00	1,839
Q2020	BSU-86A/B	A		1,716	2,451.96	4,208	1,884	2,523.02	4,753	3,133	2,574.96	8,067	3,103	2,629.12	8,158
Q2010	BSU-33 Conical Fins(F782)	A		11,940	88.65	1,058	29,134	90.05	2,624	13,200	91.64	1,210	26,000	93.77	2,438
Q2179	FMU-143E/B	A				0	1,500	2,303.43	3,455			0			0
Q2030	MK 83 Conical Fins	A				0	5,372	194.40	1,044	1,000	199.26	199	5,000	204.24	1,021
Q2031	BSU-85	A				0	2,552	850.00	2,169	1,500	866.05	1,299	9,050	882.40	7,986
Q2032	FMU-139 FUZE	A				0	4,600	2,000.00	9,200	0	2037.76	0	3,650	2,076.23	7,578
Q2033	MK 76	A				0	10,000	30.19	302			0			0
Q2034	BDU-48 (E962)	A				0	27,000	30.08	812			0			0
Q2035	MK82 INERT	A				0	1,542	1,121.76	1,730			0			0
Q2036	MK 84 INERT	A				0	2,285	3,050.00	6,969			0			0
	<b>LASER GUIDED BOMB KITS SUBTOTAL</b>					<b>24,922</b>			<b>201,555</b>			<b>81,303</b>			<b>83,176</b>
Q2180	AIR FOILS (MXU-667/B) (FW95)	A				0	6,718	5,000.00	(33,590)			0	1,000	5,253.00	(5,253)
Q2180	AIR FOILS (MXU-650/B) (F763)	A				0	6,719	5,000.00	(33,595)	5,288	5,125.00	(27,101)	4,278	5,253.00	(22,472)
Q2180	GUIDANCE UNIT MAU-169 (FW94)	A		2,480	10,049.00	(24,922)	13,437	10,000.00	(134,370)	5,288	10,250.00	(54,202)	5,278	10,506.00	(55,451)
<b>Q2800</b>	<b>PROCUREMENT SPT, MODS, OTHER</b>														
	<b>ILS SUBTOTAL</b>					<b>340</b>			<b>600</b>			<b>400</b>			<b>400</b>
	ILS (GP Bombs)					(200)			(200)			(200)			(200)
	ILS (GBU)					(140)			(400)			(200)			(200)
<b>Q2830</b>	<b>PES/NAVY SUBTOTAL</b>					<b>2,751</b>			<b>5,631</b>			<b>3,339</b>			<b>4,592</b>
	PES (GP Bombs)					(1,951)			(2,738)			(1,655)			(1,694)
	PES (GBU & LGB)					(800)			(2,893)			(1,684)			(2,898)
	<b>OTHER SUBTOTAL</b>					<b>551</b>			<b>650</b>			<b>614</b>			<b>596</b>
Q2850	PIP					100			100			100			100
Q2892	Non Standard Items					0			100			100			100
Q2893	Renovation Components					200			200			164			146
Q2894	Gaging					251			250			250			250
	<b>FY 2002 DERF - NON-ADD</b>														
	GBU-16 (MXU-667 AFG & MAU-209 GU)			6,657	12,796.00	85,186									
	MAU-169 GUIDANCE UNIT			8,548	10,096.25	86,303									
	GBU-12 (MXU-650)			11,028	4,006.35	44,182									
	BLU-117			3,544	12,666.94	44,892									
	BSU-86A/B			2,688	2,451.96	6,591									
	FMU-143			1,346	2,226.68	2,997									
	BLU-111A/B			9,864	2,526.32	24,920									
	DSU-33			5,670	1,234.48	7,000									
	FZU-48			18,959	421.96	8,000									
	Special Tooling & Test Eq/Facilitization					5,929									
	<b>TOTAL</b>					<b>326,618</b>			<b>299,467</b>			<b>164,105</b>			<b>226,426</b>

Non-Add: Defense Emergency Response Fund: \$316M for Laser Guided Bomb Kits, General Purpose Bombs, fins and fuzes (includes \$5.9M for Special Tooling & Test Equipment/Facilitization). Combined FY 2002 DERF and appropriated funds were used to procure a total of 17,685 Laser Guided Bomb (LGB) Kits in FY 2002 (11, 028 GBU-12 and 6,657 GBU-16 LGB Kits).

# UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE <b>FEBRUARY 2003</b>				
B. APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS B.A.1 - NAVY AMMUNITION</b>					C. P-1 ITEM NOMENCLATURE <b>General Purpose Bombs(BLI 014500)</b>			SUBHEAD <b>J1Q2</b>			
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	
<b>GENERAL PURPOSE BOMBS</b>											
<u>Q2160 BLU-117/B(2000 LB)</u>											
FY 02 DERF (BLU-117/B)	3,544	12,666.94	Rock Island, IL	Dec-01	C/FP	MCALESTER, AAP	Apr-02	Sep-03	YES		
FY05	2,000	10,777.23	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-05	Sep-06	YES		
<u>Q2191 BLU-111A/B PBX Load</u>											
FY02	11,670	2,568.96	Rock Island, IL	Jan-02	C/FP	MCALESTER, AAP	Apr-02	Sep-03	YES		
FY02 DERF (BLU-111A/B PBX Load	9,864	2,526.32	Rock Island, IL	Dec-01	C/FP	UNKNOWN	Apr-02	Sep-03	YES		
FY03	22,745	2,548.83	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Apr-03	Sep-04	YES		
FY04	25,333	2,600.55	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-04	Sep-05	YES		
FY05	22,070	2,680.04	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-05	Sep-06	YES		
<u>Q2TBD BLU-110A/B</u>											
FY05	4,980	5,610.38	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-05	Sep-06	YES		
<u>Q2TBD MK 77 Bomb</u>											
FY04	500	3,588.00	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-04	Sep-05	YES		
FY05	500	3,678.00	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-05	Sep-06	YES		
<u>Q2020 BSU-86A/B</u>											
FY02	1,716	2,451.96	Rock Island, IL	Jan-02	C/FP	UNKNOWN	Apr-02	Sep-03	YES		
FY02 DERF (BSU-86A/B)	2,688	2,451.96	Rock Island, IL	Dec-01	C/FP	UNKNOWN	Apr-02	Sep-03	YES		
FY03	1,884	2,523.02	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES		
FY04	3,133	2,574.96	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-04	Feb-05	YES		
FY05	3,103	2,629.12	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-05	Feb-06	YES		
<u>Q2010 BSU-33 Conical Fins</u>											
FY02	11,940	88.65	Rock Island, IL	Jan-02	C/FP	UNKNOWN	Apr-02	Sep-03	YES		
FY03	29,134	90.05	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES		
FY04	13,200	91.64	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-04	Feb-05	YES		
FY05	26,000	93.77	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-05	Feb-06	YES		
<u>Q2179 FMU-143E/B(F849)</u>											
FY03	1,500	2,303.43	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Apr-03	Sep-04	YES		
FY02 DERF (FMU-143E/B)	1,346	2,226.68	Rock Island, IL	Dec-01	C/FP	UNKNOWN	Apr-02	Sep-03	YES		
<u>MK 83 Conical Fins</u>											
FY03	5,372	194.40	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES		
FY04	1,000	199.26	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-04	Feb-05	YES		
FY05	5,000	204.24	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-05	Feb-06	YES		
<u>BSU-85</u>											
FY03	2,552	850.00	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES		
FY04	1,500	866.05	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan 04	Feb-05	YES		
FY05	9,050	882.40	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-05	Feb-06	YES		
<u>FMU-139 Fuze</u>											
FY03	4,600	2,000.00	NAVAIR	Dec-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES		
FY05	3,650	2,076.23	NAVAIR	TBD	C/FP	UNKNOWN	Jan-05	Feb-06	YES		
D. REMARKS:											

# UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE <b>FEBRUARY 2003</b>			
B. APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS B.A.1 - NAVY AMMUNITION</b>					C. P-1 ITEM NOMENCLATURE <b>General Purpose Bombs(BLI 014500)</b>				SUBHEAD <b>J1Q2</b>	
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
<b>GENERAL PURPOSE BOMBS (Continued)</b>										
<u>DSU-33</u> FY02 DERF	5,670	1,234.48	Eglin AFB	Jan-02	SS/FP	PRECISION FUZE CO	Feb-02	Jul-03	YES	
<u>FZU-48</u> FY02 DERF	18,959	421.96	NAVAIR	Jan-02	SS/FP	ALLIANT TECH SYS (Janesville, WI)	Mar-02	Jul-03	YES	
<u>Q2TBD MK 76</u> FY03	10,000	30.19	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES	
<u>Q2TBD BDU-48 (E962)</u> FY03	27,000	30.08	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES	
<u>Q2TBD MK 82 INERT</u> FY03	1,542	1,121.76	Rock Island, IL	Jan-03	SS/FP	MCALESTER. AAP	Jan-03	Feb-04	YES	
<u>Q2TBD MK 84 INERT</u> FY03	2,285	3,050.00	Rock Island, IL	Jan-03	SS/FP	MCALESTER, AAP	Jan-03	Feb-04	YES	
D. REMARKS:										



# UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE <b>FEBRUARY 2003</b>			
B. APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS B.A.1 - NAVY AMMUNITION</b>					C. P-1 ITEM NOMENCLATURE <b>General Purpose Bombs(BLI 014500)</b>				SUBHEAD <b>J1Q2</b>	
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
<b><u>Q2180 LASER GUIDED BOMBS KITS</u></b>										
<u>Dec 01 Award</u>										
FY02 DERF (MXU-667/B/MAU-209 G Unit)	6,657	12,930.75	NAVAIR	Dec-01	SS/FP	LOCKHEED	Dec-01	Jun-02	YES	
<u>Dec 01 Award</u>										
FY02 DERF (MXU-650/B)	11,028	4,006.35	Hill AFB	Dec-01	SS/FP	RAYTHEON	Dec-01	Oct-02	YES	
FY02 DERF (MAU-169 G Unit)	8,548	10,096.25	Hill AFB	Dec-01	SS/FP	RAYTHEON	Dec-01	Oct-02	YES	
<u>FY 02 Awards</u>										
FY02 (MAU-169 G Unit)	2,480	10,049.00	Hill AFB	Dec-01	C/FP	RAYTHEON	Jul-02	Sep-03	YES	
<u>FY 03 Awards</u>										
FY03 (MAU-169 G Unit)	13,437	10,000.00	Hill AFB	Dec-02	C/FP	UNKNOWN	Mar-03	Oct-03	YES	
FY03 (MXU-667/B)	6,718	5,000.00	Hill AFB	Dec-02	C/FP	UNKNOWN	Mar-03	Oct-03	YES	
FY03 (MXU-650/B)	6,719	5,000.00	Hill AFB	Dec-02	C/FP	UNKNOWN	Mar-03	Oct-03	YES	
<u>FY 04 Awards</u>										
FY04 (MAU-169 G Unit)	5,288	10,250.00	Hill AFB	TBD	C/FP	UNKNOWN	Mar-04	Oct-04	YES	
FY04 (MXU-650/B)	5,288	5,125.00	Hill AFB	TBD	C/FP	UNKNOWN	Mar-04	Oct-04	YES	
<u>FY05 Awards</u>										
FY05 (MXU-667)	1,000	5,253.00	Hill AFB	TBD	C/FP	UNKNOWN	Mar-05	Oct-05	YES	
FY05 (MAU-169 G Unit)	5,278	10,506.00	Hill AFB	TBD	C/FP	UNKNOWN	Mar-05	Oct-05	YES	
FY05 (MXU 650/B))	4,278	5,253.00	Hill AFB	TBD	C/FP	UNKNOWN	Mar-05	Oct-05	YES	
D. REMARKS:										

CLASSIFICATION: **UNCLASSIFIED**

FY 2004/05 BUDGET PRODUCTION SCHEDULE, P-21										DATE																		
APPROPRIATION/BUDGET ACTIVITY										FEBRUARY 2003																		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS										Weapon System					P-1 ITEM NOMENCLATURE													
										GENERAL PURPOSE BOMBS (BLI 014500)																		
					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															
LASER GUIDED BOMBS KITS		RAYTHEON			88	600	1000/mo		6	12		18	E															
LASER GUIDED BOMBS KITS		LOCKHEED			UNK	400	700/mo		6	12		18	E															
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2002										B A L												
						CALENDAR YEAR 2002																						
						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
LGB KITS(MXU-667/B)		N																										
LOCKHEED-MARTIN	DERF		6657	2457	4200																					0		
UNKNOWN	03		6,718	0	6718																					6718		
UNKNOWN	05		1,000	0	1000																					1000		
LGB KITS(MXU-650/B)		N																										
RAYTHEON	DERF		11028	2123	8905																					1025		
UNKNOWN	03		6719	0	6719																					6719		
UNKNOWN	04		5288	0	5288																					5288		
UNKNOWN	05		4278	0	4278																					4278		
LGB KITS(MAU-169 G UNIT/MAU 209)		N																										
LOCKHEED-MARTIN	DERF		6657	2457	4200																					0		
RAYTHEON	DERF		8548	2573	5975																					0		
RAYTHEON	02		2480	0	2480																					1125		
UNKNOWN	03		13437	0	13437																					13437		
UNKNOWN	04		5288	0	5288																					5288		
UNKNOWN	05		5278	0	5278																					5278		
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2004										B A L												
						CALENDAR YEAR 2004																						
						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
LGB KITS(MXU-667/B)		N																										
UNKNOWN	03		6718	0	6718	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	0		
UNKNOWN	05		1000	0	1000																					1000		
LGB(MXU-650/B)		N																										
RAYTHEON	DERF		11028	10003	1025	700	325																			0		
UNKNOWN	03		6719	0	6719	190	565	790	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	0		
UNKNOWN	04		5288	0	5288																					0		
UNKNOWN	05		4278	0	4278																					4278		
LGB KITS(MAU-169 G UNIT)		N																										
RAYTHEON	02		2480	1355	1125	700	425																			0		
UNKNOWN	03		13437	0	13437	750	1025	1450	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	0			
UNKNOWN	04		5288	0	5288																					0		
UNKNOWN	05		5278	0	5278																					5278		
Remarks: Lockheed-Martin qualified in FY 2002; FY 03 quantity reflects Raytheon and Lockheed-Martin production.																												

CLASSIFICATION: UNCLASSIFIED

FY 2004/05 BUDGET PRODUCTION SCHEDULE, P-21												DATE		FEBRUARY 2003																					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS										Weapon System				P-1 ITEM NOMENCLATURE GENERAL PURPOSE BOMBS (BLI 014500)																					
			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																					
LASER GUIDED BOMBS KITS	RAYTHEON					88	600	1000/mo		6	12		18	E																					
LASER GUIDED BOMBS KITS	LOCKHEED					UNK	400	700/mo		6	12		18	E																					
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2006												FISCAL YEAR 2007												B A L					
						2005						CALENDAR YEAR 2006						CALENDAR YEAR 2007																	
						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						
LGB KITS (667/B)		N																																0	
UNKNOWN	05		1,000	0	1,000	83	83	83	83	83	83	83	83	83	87																			0	
LGB KITS (650/B)		N																																	0
UNKNOWN	05		4,278	0	4,278	357	357	357	357	357	357	357	357	357	351																			0	
LGB KITS (MAU-169 G UNIT)		N																																	0
UNKNOWN	05		5,278	0	5,278	440	440	440	440	440	440	440	440	440	438																			0	
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008												FISCAL YEAR 2009												B A L					
						2007						CALENDAR YEAR 2008						CALENDAR YEAR 2009																	
						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						

Remarks:



CLASSIFICATION: **UNCLASSIFIED**

FY 2004/05 BUDGET PRODUCTION SCHEDULE, P-21						DATE														FEBRUARY 2003		
APPROPRIATION/BUDGET ACTIVITY						Weapon System														P-1 ITEM NOMENCLATURE		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS						General Purpose Bombs (J1Q2)																
Item	Manufacturer's Name and Location		Production Rate			Procurement Leadtimes					Total	Unit of Measure										
			MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT													
MK83 CONICAL FINS	UNK		1200	1500	2200						6	18			24	K						
BSU-85	UNK		600	1000	1500						6	14			20	K						
FMU-139 Fuze	UNK		2000	5000	8000						6	18			24	K						
MK84 INERT	MCALESTER		UNK	3600	9000/MO						6	14			20							

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						2003						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	
FMU-139 Fuze		N																												
UNKNOWN	03		4,600	0	4600																									4,600
UNKNOWN	05		3,650	0	3650																									3,650
MK 84 INERT		N																												
UNKNOWN	03		2,285	0	2285																									2,285

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2004												FISCAL YEAR 2005												B A L
						2003						CALENDAR YEAR 2004						2005						CALENDAR YEAR 2005						
						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	
FMU-139 Fuze		N																												
UNKNOWN	03		4,600	0	4600																									0
UNKNOWN	05		3,650	0	3650																									3,650
MK 84 INERT		N																												
UNKNOWN	03		2,285	0	2285																									0

Remarks:



BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2003					
APPROPRIATION/BUDGET ACTIVITY BA-1 PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							P-1 ITEM NOMENCLATURE BLI 014800 JOINT DIRECT ATTACK MUNITION (JDAM) J1JD					
Program Element for Code B Items: 0204162N							Other Related Program Elements None					
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY	4,533	A/B	14,553	12,280	12,326	11,014	5,380	5,166	4,536	4,380	0	74,168
COST (\$M)	\$165.1		\$301.8	\$275.2	\$277.3	\$264.9	\$136.4	\$136.4	\$126.5	\$126.4	\$0.0	\$1,810.0
Initial Spares (\$M)												
Total (\$M)	\$165.1		\$301.8	\$275.2	\$277.3	\$264.9	\$136.4	\$136.4	\$126.5	\$126.4	\$0.0	\$1,810.0
Unit Cost (\$M)	0.036		0.021	0.022	0.022	0.024	0.025	0.026	0.028	0.029	0.000	0.024
DERF Quantity - Non Add			7,888									7,888
DERF Dollars - Non Add			\$162.5									\$162.5

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 upgrades 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 is integrated with the B-52, B-2, B-1B, F-16, F/A-18C/D/E/F and F-14 aircraft, with follow-on integration on the F-15E, F-22, A-10, and AV-8B. The Navy is responsible for fielding a JDAM All-Up-Round (AUR) system; procuring components as required to satisfy that system (tailkits, fuzes and arming systems, warheads, and support equipment). The total production buy for JDAM is 266,179 units (152,011 for AF and 74,168 for Navy, not including any DERF quantities). There is no requirement for initial spares because of the 20 year warranty.

Non-Add: FY 2002 Defense Emergency Response Fund - \$162.5 million

CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5										Weapon System			DATE: February 2003		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA-1					ID CODE		P-1 ITEM NOMENCLATURE/SUBHEAD JOINT DIRECT ATTACK MUNITION (JDAM) BLI 014800 J1JD								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
JD100	AIR VEHICLE	A/B	94,133	14,553	20,090	292,371	12,280	19,554	240,123	12,326	19,703	242,859	11,014	21,179	233,263
JD200	FUZES	A/B	7,678	0	0	0	9,560	1,616	15,449	9,200	1,656	15,237	7,650	1,683	12,877
JD300	WARHEAD		28,376	0	0	0	0	0	0	0	0	0	0	0	0
JD100	ENGINEERING CHANGE ORDERS (ECO)		0	0	0	0	0	0	7,204	0	0	7,286	0	0	6,998
	TOTAL RECURRING FLYAWAY		130,187	14,553	20,090	292,371	12,280	21,399	262,776	12,326	21,530	265,382	11,014	22,983	253,138
JD100	SCHEDULE ACCELERATION		822			0			0			0			0
JD830	PRODUCTION TECH SUPPORT		21,119			5,247			5,524			5,677			5,783
JD100	CONTRACTOR INCENTIVE		1,094			2,406			2,401			2,429			2,333
JD840	PRODUCTION TEST		1,165			695			2,020			1,750			1,581
JD100	AIRBORNE TEST EQUIPMENT		447			0			826			832			795
JD850	DATA		2			0			0			0			0
JD700	CABLES		720			0			0			0			0
	TOTAL NON-RECURRING		25,369			8,347			10,771			10,688			10,492
	TOTAL WEAPON FLYAWAY		155,556	14,553	20,664	300,718	12,280	22,276	273,547	12,326	22,397	276,070	11,014	23,936	263,630
JD940	LOAD/BUILDUP TRAINERS		582			0			0			0			0
JD960	TEST EQUIPMENT		4,330			10			0			0			0
JD970	ILS		3,801			908			1,256			933			952
JD990	TRAINING		668			89			314			289			295
JD920	DATA (TECHNICAL)		178			55			71			55			56
	TOTAL FLEET SUPPORT		9,559			1,062			1,641			1,277			1,303
	TOTAL WEAPON SYSTEM		165,115	14,553	20,737	301,780	12,280	22,409	275,188	12,326	22,501	277,347	11,014	24,054	264,933
	TOTAL PROGRAM COST		165,115	14,553	20,737	301,780	12,280	22,409	275,188	12,326	22,501	277,347	11,014	24,054	264,933
	<b>DERF (NON-ADD)</b>														
JD100	AIR VEHICLE			7,888	20,013	157,866									
JD200	FUZES			7,078	432	3,055									
JD100	CONTRACTOR INCENTIVE					1,579									
JD830	PRODUCTION TECH SUPPORT					0									
	TOTAL DERF			7,888		162,500									
			<b>165,115</b>			<b>40,395</b>			<b>275,188</b>			<b>277,347</b>			<b>264,933</b>

**UNCLASSIFIED**



CLASSIFICATION:

**UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE <b>February 2003</b>		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					C. P-1 ITEM NOMENCLATURE JOINT DIRECT ATTACK MUNITION BLI 014800			SUBHEAD JIJD		
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	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
FY02 DERF Lot 5A JDAM	810	20,013	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Dec 01	Nov 02	N/A <sup>(1)</sup>	N/A
FY02 Lot 6 JDAM	14,553	20,090	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Dec 01	Jan 03	N/A <sup>(1)</sup>	N/A
FY02 DERF Lot 6A JDAM	2,250	20,013	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Dec 01	Sep 03	N/A <sup>(1)</sup>	N/A
FY02 DERF Lot 6B JDAM	4,828	20,013	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Mar 02	Nov 03	N/A <sup>(1)</sup>	N/A
FY03 Lot 7 JDAM	12,280	21,757	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 03	Dec 03	N/A <sup>(1)</sup>	N/A
FY04 Lot 8 JDAM	12,326	21,530	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 04	May 05	N/A <sup>(1)</sup>	N/A
FY05 Lot 9 JDAM	11,014	22,983	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 05	May 06	N/A <sup>(1)</sup>	N/A
D. REMARKS (1) SPECIFICATIONS HAVE BEEN WAIVED DUE TO JDAM's STATUS AS AN ACQUISITION REFORM PILOT PROGRAM.										



FY 2004/2005 BUDGET PRODUCTION SCHEDULE, P-21										DATE February 2003																												
APPROPRIATION/BUDGET ACTIVITY BA-1					Weapon System					P-1 ITEM NOMENCLATURE					BLI 014800																							
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS										Joint Direct Attack Munition (JDAM) J1JD																												
Item	Manufacturer's Name and Location					Production Rate			Procurement Leadtimes							Total	Unit of Measure																					
						MSR	2-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT																										
JDAM	Boeing St. Louis, MO					283/MO	2800/MO	3000/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 2006												FISCAL YEAR 2007												B A L								
						2005						CALENDAR YEAR 2006						CALENDAR YEAR 2007																				
						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									
Lot 8	04	N	12326	6200	6126	100	1120	1030	1750	1060	1066																										0	
Lot 9	05	N	11014	0	11014								1080	1080	1080	1480	1480	880	880	880	910	680	584													0		
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008												FISCAL YEAR 2009												B A L								
						2007						CALENDAR YEAR 2008						CALENDAR YEAR 2009																				
						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									
Remarks:																																						

CLASSIFICATION: **UNCLASSIFIED**

<b>BUDGET ITEM JUSTIFICATION SHEET</b> <b>P-40</b>							DATE: <b>February 2003</b>					
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b>							P-1 ITEM NOMENCLATURE <b>AIRBORNE ROCKETS, ALL TYPES (J1Q5)</b>					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)	\$17.0	A	\$20.3	\$51.4	\$28.2	\$38.1	\$39.0	\$17.3	\$40.9	\$41.0	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" and 5.00" 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>*Prior years figures reflect FY 01 only. FY 00 and prior in the 2.75" Rockets Line.</p>												
NAVY RESERVE			<u>FY02</u> \$0.1	<u>FY03</u> \$0.1	<u>FY04</u> \$0.1	<u>FY05</u> \$0.1	<u>FY06</u> \$0.1	<u>FY07</u> \$0.1	<u>FY 08</u> \$0.1	<u>FY 09</u> \$0.1		
<p>Note: DERF non-add funding in the amount of \$5M FY 02 provided for 5" MK34 Smoke Warheads, Qty - 5555</p>												

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: February 2003					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS (\$000's) BA 1				P-1 ITEM NOMENCLATURE AIRBORNE ROCKETS, ALL TYPES (J1Q5) (BLI 015100)								
Procurement Items	ID Code	Prior Years*	FY 2002	FY 2003	FY 2004	FY 2005					To Complete	Total
MK 66 Rocket Motor (HA07)	A										Continuing	Continuing
Quantity		22,024	26,668	51,066	11,924	14,614						
Funding		\$9,467	\$11,586	\$25,300	\$9,031	\$12,599					Continuing	Continuing
MK 71 Rocket Motor (H547)	A											
Quantity		0	0	2,460	1,553	2,503						
Funding		\$0	\$0	\$13,300	\$8,000	\$13,279					Continuing	Continuing
M229 HE Warhead (MK 146)	A											
Quantity		0	0	1,056	2,300	2,000						
Funding		\$0	\$0	\$1,003	\$1,877	\$1,665					Continuing	Continuing
M255A1 Flechette Warhead	A											
Quantity		0	0	0	0	500						
Funding		\$0	\$0	\$0	\$0	\$350					Continuing	Continuing
WTU-1/B Inert Warhead (H663)	A											
Quantity		0	0	13,704	13,009	12,999						
Funding		\$0	\$0	\$535	\$518	\$528					Continuing	Continuing
LAU-61 Launcher	A											
Quantity		0	0	0	0	0						
Funding		\$0	\$0	\$0	\$0	\$0					Continuing	Continuing
MK 34 Warhead	A											
Quantity		0	3,500	3,500	3,500	3,500						
Funding		\$0	\$3,150	\$3,213	\$3,280	\$3,349					Continuing	Continuing
MK34 Smoke Warhead (DERF) NON-ADD												
Quantity			5,555									
Funding			\$5,000									Continuing

D. REMARKS  
 \*Prior years figures reflect FY 01 only. FY 00 and prior in the 2.75" Rockets Line.  
 Pricing is provided by the Army and incorporates other services' buys.

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: February 2003					
APPROPRIATION/BUDGET ACTIVITY BA 1 PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS (\$000's)					P-1 ITEM NOMENCLATURE AIRBORNE ROCKETS, ALL TYPES (J1Q5) (BLI 015100)							
Procurement Items	ID Code	Prior Years*	FY 2002	FY 2003	FY 2004	FY 2005					To Complete	Total
Smokey SAM	A											
Quantity		0	6,008	3,100	3,200	3,200						
Funding		\$0	\$781	\$411	\$433	\$442					Continuing	Continuing
Upgrade J147 to HA03	A	\$2,562	\$2,209	\$1,693	\$1,693	\$2,193					Continuing	Continuing
Misc Components		\$0	\$0	\$800	\$350	\$578					Continuing	Continuing
Containers		\$0	\$0	\$1,403	\$345	\$362					Continuing	Continuing
M278 Warhead	A											
Quantity		1,520										
Funding		\$2,385										
<b>Support Costs</b>		\$2,537	\$2,612	\$3,724	\$2,718	\$2,750					Continuing	Continuing
<b>Total P-1 Funding</b>		\$16,951	\$20,338	\$51,382	\$28,245	\$38,095					Continuing	Continuing
D. REMARKS *Prior years figures reflect FY 01 only. FY 00 and prior in the 2.75" Rockets Line. Pricing is provided by the Army and incorporates other services' buys.												

P-1 SHOPPING LIST

CLASSIFICATION:

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CLASSIFICATION:

WEAPONS SYSTEM COST ANALYSIS						Weapon System						A. DATE			
P-5												February 2003			
APPROPRIATION/BUDGET ACTIVITY						ID Code						P-1 ITEM NOMENCLATURE/SUBHEAD			
PROCUREMENT OF AMMUNITION, NAVY & Marine Corps (\$000's) BA1												AIRBORNE ROCKETS, ALL TYPES (J1Q5)			
												(BLI 015100)			
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years*	FY 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
Q5040	MK 66 Rocket Motor (HA07)	A	9,467	26,668	434.45	11,586	51,066	495.44	25,300	11,924	757.39	9,031	14,614	862.10	12,599
Q5041	MK 71 Rocket Motor (H547)	A	0	0	0.00	0	2,460	5,000.00	13,300	1,553	5,150.00	8,000	2,503	5,305.00	13,279
Q5070	M278 IR Illum. Warhead (HA06)	A	2,385	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
Q5080	M229 HE Warhead (MK 146)	A	0	0	0.00	0	1,056	950.00	1,003	2,300	816.00	1,877	2,000	832.32	1,665
Q5090	M255A1 Flechette Warhead	A	0	0	0.00	0	0	0.00	0	0	0.00	0	500	700.00	350
Q5030	WTU-1/B Inert Warhead (H663)	A	0	0	0.00	0	13,704	39.04	535	13,009	39.82	518	12,999	40.62	528
Q5895	LAU-61 Launcher	A	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
Q5100	MK34 Smoke Warhead	A	0	3,500	900.00	3,150	3,500	918.00	3,213	3,500	937.27	3,280	3,500	956.95	3,349
Q5200	Smokey SAM	A	0	6,008	130.00	781	3,100	132.60	411	3,200	135.38	433	3,200	138.22	442
Q5050	Upgrade J147 to HA03		2,562			2,209			1,693			1,693			2,193
TBD	Misc. Components		0			0			800			350			578
TBD	Containers		0			0			1,403			345			362
Q5800	Integrated Logistics Support		310			334			334			334			340
Q5830	Production Engineering Support(PES)		927			557			1,090			1,090			1,082
Q5850	Product Improvement Program		1,200			1,621			1,200			1,194			1,200
Q5892	Non-Standard Items		40			40			40			40			40
Q5893	Renovation Components		60			60			1,060			60			88
Q5100	MK34 Smoke Warhead (DERF) NON-ADD			5555	900.00	5,000									
			<b>16,951</b>			<b>20,338</b>			<b>51,382</b>			<b>28,245</b>			<b>38,095</b>

D. REMARKS  
 \*Prior years figures reflect FY 01 only. FY 00 and prior in the 2.75" Rockets Line.  
 Pricing is provided by the Army and incorporates other services' buys.

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 BA1					AIRBORNE ROCKETS, ALL TYPES (BLI 015100)				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
Q5040 MK 66 MOTORS (HA07)										
FY 01	22,024	429.85	ARMY OSC	N/A	FFP	GENERAL DYNAMICS	May-01	Nov-03	YES	
FY 02	26,668	434.45	ARMY OSC	N/A	FFP	GENERAL DYNAMICS	Mar-02	Sep-04	YES	
FY 03	51,066	495.44	TBD	N/A	FFP	TBD	May-03	Nov-05	YES	
FY 04	11,924	757.39	TBD	N/A	FFP	TBD	May-04	Nov-06	YES	
FY 05	14,614	862.10	TBD	N/A	FFP	TBD	May-05	Nov-07	YES	
Q5041 MK 71 MOTORS (HA07)										
*FY 03	2,460	5,000.00	TBD	N/A	FFP	TBD	Apr-03	Apr-04	YES	
FY 04	1,553	5,150.00	TBD	N/A	FFP	TBD	Apr-04	Apr-05	YES	
FY 05	2,503	5,305.00	TBD	N/A	FFP	TBD	Apr-05	Apr-06	YES	
M229 HE Warhead										
FY 03	1,056	950.00	TBD	N/A	N/A	TBD	Apr-03	Apr-04	YES	
FY 04	2,300	816.00	TBD	N/A	N/A	TBD	Apr-04	Apr-05	YES	
FY 05	2,000	832.32	TBD	N/A	N/A	TBD	Apr-05	Apr-06	YES	
M255A1 Flechette Warhead										
FY 05	500	700.00	TBD	N/A	N/A	TBD	May-05	Nov-07	NO	
WTU-1/B Inert Warhead (H663)										
FY 03	13,704	39.04	TBD	N/A	FFP	TBD	May-03	Nov-05	YES	
FY 04	13,009	39.82	TBD	N/A	N/A	TBD	May-04	Nov-06	YES	
FY 05	12,999	40.62	TBD	N/A	N/A	TBD	May-05	Nov-07	YES	
D. REMARKS										
*First delivery of MK71 Motors includes an additional 6 months lead time for First Article Acceptance Testing (FAAT)										
Pricing is provided by the Army and incorporates other services' buys.										

CLASSIFICATION:

**UNCLASSIFIED**



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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE			
							<b>February 2003</b>			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
<b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS BA1</b>					<b>AIRBORNE ROCKETS, ALL TYPES (BLI 015100)</b>				<b>J1Q5</b>	
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
<b>MK34 Smoke Warhead</b>										
FY 02	3500	900.00	NAVAIR	N/A	PO	TBD	Feb-02	Feb-03	YES	
FY 03	3500	918.00	TBD	N/A	PO	TBD	Apr-03	Apr-04	YES	
FY 04	3500	937.27	TBD	N/A	TBD	TBD	Apr-04	Apr-05	YES	
FY 05	3500	956.95	TBD	N/A	TBD	TBD	Apr-05	Apr-06	YES	
<b>MK34 Smoke Warhead (DERF)</b>										
*FY 02	5555	900.00	NAVAIR	N/A	PO	NSWC, IH	Jan-02	Jul-04	YES	
<b>Smokey SAM (GTR-18)</b>										
* FY 02	6008	130.00	NAVAIR	N/A	PO	NSWC, IH	Feb-02	Aug-03	YES	
FY 03	3100	132.60	TBD	N/A	TBD	TBD	Apr-03	Apr-04	YES	
FY 04	3200	135.38	TBD	N/A	TBD	TBD	Apr-04	Apr-05	YES	
FY 05	3200	138.22	TBD	N/A	TBD	TBD	Apr-05	Apr-06	YES	
<b>D. REMARKS</b>										
Pricing is provided by the Army and incorporates other services' buys for MK 66 and WTU-1B.										
*First delivery includes an additional 6 months lead time for First Article Acceptance Testing (FAAT)										

CLASSIFICATION:

# UNCLASSIFIED

FY 2004/2005 BUDGET PRODUCTION SCHEDULE, P-21										DATE February 2003																			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1										Weapon System					P-1 ITEM NOMENCLATURE (BLI 015100) AIRBORNE ROCKETS, ALL TYPES														
						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															
MK 66 Rocket Motor		GENERAL DYNAMICS				1	8	15		7	18	18	25	K															
MK 71 Rocket Motor		TBD				1	8	15		7	18	18	25	K															
MK34 Smoke Warhead		NSWC, IH				1	8	15		6	12	12	18	K															
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2002										B A L												
							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
MK 66 Rocket Motor																													
GENERAL DYNAMICS		02	N	26.7	0	26.7																						26.7	
TBD		03	N	51.1	0	51.1																						51.1	
MK 71 Rocket Motor																													
TBD		03	N	2.5	0	2.5																						2.5	
MK34 Smoke Warhead (DERF)		02	N	5.6	0	5.6																						5.6	
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2004										FISCAL YEAR 2005										B A L		
							CALENDAR YEAR 2004										CALENDAR YEAR 2005												
							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
MK 66 Rocket Motor																													
GENERAL DYNAMICS		01	N	22.0	0	22.0		4.0	3.0	3.0	3.0	3.0	3.0	3.0														.0	
GENERAL DYNAMICS		02	N	26.7	0	26.7																						.0	
TBD		04	N	11.9	0	11.9																						11.9	
TBD		05	N	14.6	0	14.6																						14.6	
MK 71 Rocket Motor																													
TBD		03	N	2.5	0	2.5																						0.0	
TBD		04	N	1.6	0	1.6																						0.0	
TBD		05	N	2.5	0	2.5																						2.5	
MK34 Smoke Warhead (DERF)		02	N	5.6	0	5.6																						0.0	

Remarks: \*Production rates are established on the contract, they are in thousands of units and are on a monthly basis

CLASSIFICATION: UNCLASSIFIED

FY 2002/2003 BUDGET PRODUCTION SCHEDULE, P-21							DATE February 2003								
APPROPRIATION/BUDGET ACTIVITY						Weapon System			P-1 ITEM NOMENCLATURE						
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1									AIRBORNE ROCKETS, ALL TYPES						

Item	Manufacturer's Name and Location	Production Rate*			Procurement Leadtimes						Total	Unit of Measure
		MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT				
MK 66 RKT MTR (HA07)	GENERAL DYNAMICS	1	8	15				7	18	18	25	K
MK 71 Rocket Motor	TBD	1	8	15				7	18	18	25	K

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2006												FISCAL YEAR 2007												BAL
						2005						CALENDAR YEAR 2006						CALENDAR YEAR 2007												
						OC	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OC	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
MK 66 Rocket Motor																														
TBD	03	N	51.1	0	51.1		6.7	6.5	6.5	6.5	6.5	6.1	4.3	4.0	4.0														0.0	
TBD	04	N	11.9	0	11.9													1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	1.0		0.0	
MK 71 Rocket Motor																														
TBD	05	N	2.5	0	2.5							2.5																0.0		

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2008												FISCAL YEAR 2009												BAL
						2007		CALENDAR YEAR 2008						CALENDAR YEAR 2009																
						OC	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OC	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
MK 66 Rocket Motor																														
TBD	05	N	14.6	0	14.6		2.1	2.1	2.1	2.1	2.1	2.1	2.0																0.0	

Remarks: \*Production rates are established on the contract, they are in thousands of units and are on a monthly basis  
Pricing is provided by the Army and incorporates other services' buys.

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: <b>February 2003</b>					
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b>							P-1 ITEM NOMENCLATURE <b>(BLI 015500) MACHINE GUN AMMUNITION (J1Q4)</b>					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years*	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
COST (In Millions)	\$54.1	A	\$13.2	\$30.3	\$17.9	\$25.8	\$26.3	\$18.0	\$27.1	\$27.2	Continuing	Continuing
<p>This line funds procurement of 20MM and 25MM ammunition used with various aircraft gun systems. 20MM ammunition includes procurements of PGU-27 and the Semi-Armor Piercing High Explosive Incendiary (SAPHEI) war fighting cartridge 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 gun AH-1 aircraft. All 20MM ammunition is procured by the Army's Single Manager for Conventional Ammunition (SMCA). 25MM funds are for the 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-FY2001 only. These programs were funded in FY94 and prior from the Weapons Procurement, Navy (WPN) and Other Procurement, Navy (OPN) accounts.</p> <p>\$10.0M of Defense Emergency Response Funding (DERF) was received to procure an estimated quantity of 405,359 PGU-28A/B Saphei rounds (Bulk).</p>												
NAVY RESERVE			<u>FY2002</u> 0.3	<u>FY2003</u> 0.3	<u>FY2004</u> 0.3	<u>FY2005</u> 0.3	<u>FY2006</u> 0.3	<u>FY2007</u> 0.3	<u>FY2008</u> 0.3	<u>FY2009</u> 0.3		

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CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS						DATE:						
P-40a						February 2003						
APPROPRIATION/BUDGET ACTIVITY				P-1 ITEM NOMENCLATURE								
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS				MACHINE GUN AMMUNITION (J1Q4)				(BLI 015500)				
Procurement Items	ID Code	Prior Years*	FY 2002	FY 2003	FY 2004	FY 2005					To Complete	Total
20MM BULK, TP												
Quantity	A	4,709,115	755,167	329,449	347,711	185,758						
Funding		\$28,997	\$5,188	\$2,092	\$2,129	\$1,159						
20MM, BULK (LINKLESS), HEI												
Quantity	A	173,074	16,614	113,224	117,800	154,147						
Funding		\$4,508	\$550	\$3,382	\$3,427	\$4,566						
20MM LINKED, TP,												
Quantity	A	607,594	497,042	95,112	224,157	251,390						
Funding		\$4,604	\$4,941	\$1,148	\$2,327	\$2,659						
20MM, LINKED, HEI												
Quantity	A	0	0	656,966	243,666	474,844						
Funding		\$0.0	\$0.0	\$20,655	\$7,433	\$14,764						
20 MM LINKING EFFORT, TP, TPT												
Quantity	A	395,100	0	0	0	0						
Funding		\$756	\$0	\$0	\$0	\$0						
Other Costs												
		\$15,198	\$2,551	\$3,069	\$2,617	\$2,647						
<b>Total P-1 Funding</b>												
		<b>\$54,063</b>	<b>\$13,230</b>	<b>\$30,346</b>	<b>\$17,933</b>	<b>\$25,795</b>						
*Reflects FY1995-FY2001 only. These programs were funded in FY94 and prior from the Weapons Procurement Navy (WPN) and Other Procurement Navy (OPN) accounts.												

P-1 SHOPPING LIST

CLASSIFICATION:

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CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5										DATE: February 2003					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					P-1 ITEM NOMENCLATURE/SUBHEAD MACHINE GUN AMMUNITION (J1Q4) (BLI 015500)										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years*	FY 2002			FY2003			FY2004			FY2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
Q4010	20MM BULK, TP	A	28,997	755,167	6.87	5,188	329,449	6.35	2,092	347,711	6.12	2,129	185,758	6.24	1,159
Q4050	20MM, BULK, HEI	A	4,508	16,614	33.10	550	113,224	29.87	3,382	117,800	29.09	3,427	154,147	29.62	4,566
Q4060	20MM LINK, TP	A	4,604	497,042	9.94	4,941	95,112	12.07	1,148	224,157	10.38	2,327	251,390	10.58	2,659
TBD	20MM, LINK HEI	A	0	-	-	-	656,966	31.44	20,655	243,666	30.50	7,433	474,844	31.09	14,764
Q4050	20MM Linking Effort, TP,TPT	A	756	-	-	-	-	-	-	-	-	-	-	-	-
Q4800	Integrated Logistics Support		1,197			540			555			560			565
Q4830	Prod. Engr. Sup.-Navy		9,524			1,528			1,879			1,539			1,552
Q4850	Product Improvement Program		4,422			483			635			518			530
Q4894	Gaging		55												
Q4050	**20MM, BULK, HEI (DERF) NON-ADD			405,359	23.44	9,500									
			*Reflects FY95-FY00 only, these programs were funded in FY94 and prior from the Weapons Procurement, Navy (WPN) and Other Procurement, Navy (OPN) accounts.												
			Pricing is provided by the Army and incorporates other services' buys.												
			**\$10.0M of Defense Emergency Response Funding (DERF) was received to procure an estimated quantity of 405,359 PGU-28A/B Saphei rounds (Bulk). NON-ADD												
<b>TOTAL</b>			<b>54,063</b>			<b>13,230</b>			<b>30,346</b>			<b>17,933</b>			<b>25,795</b>

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# UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE <b>February 2003</b>			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					C. P-1 ITEM NOMENCLATURE <b>MACHINE GUN AMMUNITION (BLI 015500)</b>					SUBHEAD <b>J1Q4</b>	
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 BULK, TP											
FY02	755,167	6.87	ARMY IOC	N/A	FFP	GENERAL DYNAMICS	May-02	Dec-02	YES		
FY03	329,449	6.35	ARMY IOC	N/A	FFP	TBD	Apr-03	Oct-03	YES		
FY04	347,711	6.12	ARMY IOC	N/A	FFP	TBD	Apr-04	Oct-04	YES		
FY05	185,758	6.24	ARMY IOC	N/A	FFP	TBD	Apr-05	Oct-05	YES		
20MM, BULK, HEI											
FY03	113,224	29.87	ARMY IOC	N/A	FFP	TBD	Apr-03	Oct-03	YES		
FY04	117,800	29.09	ARMY IOC	N/A	FFP	TBD	Apr-04	Oct-04	YES		
FY05	154,147	29.62	ARMY IOC	N/A	FFP	TBD	Apr-05	Oct-05	YES		
20MM LINKED, TP											
FY00	112,052	8.79	ARMY IOC	N/A	FFP	GENERAL DYNAMICS	Aug-01	May-03	YES		
FY02	497,042	9.94	ARMY IOC	N/A	FFP	TBD	Apr-03	Oct-03	YES		
FY03	95,112	12.07	ARMY IOC	N/A	FFP	TBD	Apr-03	Oct-03	YES		
FY04	224,157	10.38	ARMY IOC	N/A	FFP	TBD	Apr-04	Oct-04	YES		
FY05	251,390	10.58	ARMY IOC	N/A	FFP	TBD	Apr-05	Oct-05	YES		
20MM, LINKED, HEI											
FY03	656,966	31.44	ARMY IOC	N/A	FFP	TBD	Apr-03	Oct-03	YES		
FY04	243,666	30.50	ARMY IOC	N/A	FFP	TBD	Apr-04	Oct-04	YES		
FY05	474,844	31.09	ARMY IOC	N/A	FFP	TBD	Apr-05	Oct-05	YES		
D. REMARKS: Pricing is provided by the Army and incorporates other services' buys.											

CLASSIFICATION: UNCLASSIFIED

FY 2004/2005 BUDGET PRODUCTION SCHEDULE, P-21 DATE February 2003

APPROPRIATION/BUDGET ACTIVITY (BLI 015500) Weapon System (BLI 015500) P-1 ITEM NOMENCLATURE MACHINE GUN AMMUNITION

PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS

Item	Manufacturer's Name and Location	Production Rate			Procurement Leadtimes				Total	Unit of Measure
		MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	*Initial Mfg PLT	*Reorder Mfg PLT		
20MM, BULK, TP	GENERAL DYNAMICS, MARION IL	66	270	790	6	6	6	6	12	TH
20MM, BULK, HEI	TBD	66	270	790	6	6	6	6	12	TH
20MM, LINK, TP	GENERAL DYNAMICS, MARION IL	66	270	790	6	6	6	6	12	TH
20MM, LINK, HEI	TBD	66	270	790	6	6	6	6	12	TH

ITEM/MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2002												FISCAL YEAR 2003												BAL								
						2001						CALENDAR YEAR 2002						CALENDAR YEAR 2003																				
						OC	NO	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OC	NO	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP									
20MM, BULK, TP GENERAL DYNAMICS TBD	02 03	N N	755.2 329.4	0.0 0.0	755.2 329.4																																	0.0 329.4
20MM, BULK, HEI TBD	03	N	113.2	0.0	113.2																																	113.2
**20MM, BULK, HEI (DERF) GENERAL DYNAMICS	02	N	405.4	0.0	405.4																																0.0	
20MM, LINK, TP GENERAL DYNAMICS TBD TBD	00 02 03	N N N	112.1 497.0 95.1	0.0 0.0 0.0	112.1 497.0 95.1																																0.0 497.0 95.1	
20MM, LINK, HEI TBD	03	N	657.0	0.0	657.0																																657.0	

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2004												FISCAL YEAR 2005												BAL							
						2003						CALENDAR YEAR 2004						CALENDAR YEAR 2005																			
						OC	NO	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OC	NO	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP								
20MM, BULK, TP TBD TBD TBD	03 04 05	N N N	329.4 347.7 185.8	0.0 0.0 0.0	329.4 347.7 185.8																																0.0 0.0 185.8
20MM, BULK, HEI TBD TBD TBD	03 04 05	N N N	113.2 117.8 154.1	0.0 0.0 0.0	113.2 117.8 154.1																																0.0 0.0 154.1
20MM, LINK, TP TBD TBD TBD TBD	02 03 04 05	N N N N	497.0 95.1 224.2 251.4	0.0 0.0 0.0 0.0	497.0 95.1 224.2 251.4																																0.0 0.0 0.0 251.4
20MM, LINK, HEI TBD TBD TBD	03 04 05	N N N	657.0 243.7 474.8	0.0 0.0 0.0	657.0 243.7 474.8																																0.0 0.0 474.8

Remarks: \*Navy qtls have historically been delivered in 6 months at a no-cost accelerated schedule.

\*\*\$10.0M of Defense Emergency Response Funding (DERF) was received to procure an estimated quantity of 405,359 PGU-28A/B Saphe rounds (Bulk). NON-ADD



CLASSIFICATION: UNCLASSIFIED

FY 2004/2005 BUDGET PRODUCTION SCHEDULE, P-21

APPROPRIATION/BUDGET ACTIVITY

(BLI 015500)

Weapon System  
(BLI 015500)

DATE

February 2003

P-1 ITEM Nomenclature

MACHINE GUN AMMUNITION

PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS

Item	Manufacturer's Name and Location	Production Rate			Procurement Leadtimes				Total	Unit of Measure
		MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	*Initial Mfg PLT	*Reorder Mfg PLT		
20MM BULK, TP	GENERAL DYNAMICS, MARION IL	66	270	790	6	6	6	6	12	TH
20MM, BULK, HEI	TBD	66	270	790	6	6	6	6	12	TH
20MM, LINK, TP	GENERAL DYNAMICS, MARION IL	66	270	790	6	6	6	6	12	TH
20MM, LINK, HEI	TBD	66	270	790	6	6	6	6	12	TH

ITEM/MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2006															FISCAL YEAR 2007															B A L
						2005			CALENDAR YEAR 2006												CALENDAR YEAR 2007															
						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							
20MM, BULK, TP TBD	05	N	185.8	0.0	185.8	100.0	85.8																			0.0										
20MM, BULK, HEI TBD	05	N	154.1	0.0	154.1	100.0	54.1																			0.0										
20MM, LINK, TP TBD	05	N	251.4	0.0	251.4	126.4	125.0																			0.0										
20MM, LINK, HEI TBD	05	N	474.8	0.0	474.8	180.0	180.0	114.8																		0.0										

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008															FISCAL YEAR 2009															B A L
						2007			CALENDAR YEAR 2008												CALENDAR YEAR 2009															
						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							

Remarks:  
\*Navy qtys have historically been delivered in 6 months at a no-cost accelerated schedule.

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: FEBRUARY 2003		
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORP</b>							P-1 ITEM NOMENCLATURE <b>PRACTICE BOMBS (J1Q1)(BLI 016000)</b>					
Program Element for Code B Items: <b>B.A.1 - Navy Ammunition</b>							Other Related Program Elements					
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)	<b>\$248.7</b>	<b>A</b>	<b>\$34.8</b>	<b>\$64.5</b>	<b>\$51.4</b>	<b>\$53.9</b>	<b>\$56.5</b>	<b>\$49.7</b>	<b>\$60.5</b>	<b>\$61.4</b>	<b>CONT</b>	<b>CONT</b>
<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. The BSU-86A/B fin at pilot option can extend four fin blades which decelerate bomb speed. This fin is utilized on the BDU-45.</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 includes M70 series cables, Mk 89 Adapters, Arming Wires, Lugs, nose plugs, etc.</p>												
Navy Reserves	<u>02</u> 1.9	<u>03</u> 2.0	<u>04</u> 2.0	<u>05</u> 1.9	<u>06</u> 2.0	<u>07</u> 2.0	<u>08</u> 2.0	<u>09</u> 2.0				

P-1 SHOPPING LIST

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: <b>FEBRUARY 2003</b>					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							P-1 ITEM NOMENCLATURE PRACTICE BOMBS (J1Q1)(BLI 016000)					
Procurement Items	ID Code	Prior Years	FY 2002	FY 2003	FY 2004	FY 2005					To Complete	Total
MK 76	A	--										
QTY			133,509	150,000	0	196,000						
FUNDING			\$4,087	\$4,529	\$0	\$6,156					Cont	Cont
BDU-45/MK 82	A	--										
QTY			13,998	10,000	14,891	11,500						
FUNDING			\$15,896	\$11,218	\$17,031	\$13,429					Cont	Cont
BSU-86A/B	A	--										
QTY			0	6,087	0	0						
FUNDING			\$0	\$12,919	\$0	\$0					Cont	Cont
LGTR	A	--										
QTY			4,623	6,476	6,050	5,550						
FUNDING			\$9,485	\$13,608	\$13,030	\$12,252					Cont	Cont
MK 83 INERT	A	--										
QTY			0	8,183	6,918	7,147						
FUNDING			\$0	\$15,968	\$13,768	\$14,523					Cont	Cont
BDU-48(E962)	A	--										
QTY			0	0	20,000	20,000						
FUNDING			\$0	\$0	\$617	\$630					Cont	Cont
OTHER COSTS		--	\$3,847	\$4,256	\$4,971	\$4,892					Cont	Cont
Miscellaneous Items		--	\$1,499	\$2,000	\$2,000	\$2,000					Cont	Cont
TOTAL:		\$248,678	\$34,814	\$64,498	\$51,417	\$53,882					Cont	Cont

P-1 SHOPPING LIST

CLASSIFICATION:

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CLASSIFICATION: **UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System			DATE: <b>February 2003</b>					
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS B.A. 1 - Navy Ammunition</b>							ID Code		P-1 ITEM NOMENCLATURE/SUBHEAD <b>PRACTICE BOMBS (J1Q1)(BLI 016000)</b>						
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<u>PROCUREMENTS</u>														
Q1010	MK 76 (E973)	A	--	133,509	30.61	4,087	150,000	30.19	4,529			0	196,000	31.41	6,156
Q1040	BDU-45/B/MK 82 INERT (F017)	A	--	13,998	1,135.56	15,896	10,000	1,121.76	11,218	14,891	1,143.68	17,031	11,500	1,167.71	13,429
Q1046	BSU-86A/B FIN (EA53)	A	--			0	6,087	2,122.36	12,919			0			0
Q1300	LASER GUIDED TRAINING ROUND	A	--	4,623	2,000.00	9,485	6,476	2,101.25	13,608	6,050	2,153.78	13,030	5,550	2,207.62	12,252
Q1060	MK 83 INERT (E511)	A	--			0	8,183	1,951.31	15,968	6,918	1,990.16	13,768	7,147	2,032.03	14,523
Q1061	BDU-48(E962)	A	--						0	20,000	30.83	617	20,000	31.48	630
	<u>PROCUREMENT SUPPORT AND OTHER</u>														
Q1800	ILS		--			402			400			400			400
Q1830	PES		--			2,857			3,266			3,981			3,892
Q1850	PIP		--			341			340			340			350
Q1894	GAGING		--			247			250			250			250
Q1TBA	MISCELLANEOUS ITEMS					1,499			2,000			2,000			2,000
				248,678		34,814			64,498			51,417			53,882

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P-1 SHOPPING LIST

CLASSIFICATION:

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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					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
<b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b>					<b>PRACTICE BOMBS (BLI 016000)</b>				<b>J1Q1</b>	
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
<b>Q1010 MK 76 (E973)</b>										
FY 02	133,509	30.61	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr 02	May-03	YES	
FY 03	150,000	30.19	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr 03	May-04	YES	
FY 05	196,000	31.41	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr 05	May-06	YES	
<b>Q1040 BDU-45/B /MK 82 INERT (F017)</b>										
FY 02	13,998	1135.56	Rock Island, IL	TBD	SS/FP	MCALESTER, AAP	Feb-02	Jun-04	YES	
FY 03	10,000	1121.76	Rock Island, IL	TBD	SS/FP	MCALESTER, AAP	Feb-03	Jun-05	YES	
FY 04	14,891	1143.68	Rock Island, IL	TBD	SS/FP	MCALESTER, AAP	Feb-04	Jun-06	YES	
FY 05	11,500	1167.71	Rock Island, IL	TBD	SS/FP	MCALESTER, AAP	Feb-05	Jun-07	YES	
<b>Q1300 Laser Guided Training Round</b>										
FY 02	4,623	2,000.00	NAVAIR	Jan-02	C/FP	LOCKHEED-MARTIN	Apr-02	Jun-03	YES	
FY 03	6,476	2,101.25	NAVAIR	Aug-02	C/FP	UNKNOWN	Apr-03	Jun-04	YES	
FY 04	6,050	2,153.78	NAVAIR	TBD	C/FP	UNKNOWN	Apr-04	Jun-05	YES	
FY 05	5,550	2,207.62	NAVAIR	TBD	C/FP	UNKNOWN	Apr-05	Jun-06	YES	
<b>Q1060 MK 83 Inert (E511)</b>										
FY 03	8,183	1,951.31	Rock Island, IL	Aug-02	SS/FP	MCALESTER, AAP	Jan 03	Apr 06	YES	
FY 04	6,918	1,990.16	Rock Island, IL	TBD	SS/FP	MCALESTER, AAP	Jan 04	Apr 07	YES	
FY 05	7,147	2,032.03	Rock Island, IL	TBD	SS/FP	MCALESTER, AAP	Jan 05	Apr 08	YES	
<b>Q1046 BSU-86A/B FIN</b>										
FY 03	6,087	2,122.36	Rock Island, IL	TBD	SS/FP	MCALESTER, AAP	Dec 03	Jan 05	YES	
<b>Q1061 BDU-48(E962)</b>										
FY 04	20,000	30.83	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan 04	Feb 05	YES	
FY 05	20,000	31.48	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan 05	Feb 06	YES	
D. REMARKS										

**CLASSIFICATION: UNCLASSIFIED**

FY 2004/05 BUDGET PRODUCTION SCHEDULE, P-21		DATE February 2003																																	
APPROPRIATION/BUDGET ACTIVITY					Weapon System					P-1 Nomenclature																									
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS										PRACTICE BOMBS ( BLI 016000)																									
Item	Manufacturer's Name and Location		Production Rate			Procurement Leadtimes					Total	Unit of Measure																							
			MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT																										
MK 76	MCALESTER(OK)		10000	30000	90000/mo				6	14		20	TWIN/BULK(TH)																						
BDU-45	MCALESTER(OK)		4500	8000	16000/mo				6	14		20	K																						
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						
MK 76(E973) (Qty in Thousands)		N																																0	
UNKNOWN	01		275.0	265.4	9.6																												9.6	0	
UNKNOWN	05		196.0	0	196.0																												196.0		
BDU-45/B(F017) (Qty in Thousands)																																			
MCALESTER	01		11.5	0	11.5																													11.5	
MCALESTER	02		14.0	0	14.0				A																								14.0		
MCALESTER	03		10.0	0	10.0														A														10.0		
MCALESTER	04		14.9	0	14.9																												14.9		
MCALESTER	05		11.5	0	11.5																												11.5		
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2004												FISCAL YEAR 2005												B A L					
						2003			CALENDAR YEAR 2004									CALENDAR YEAR 2005																	
						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						
MK 76(E973) (Qty in Thousands)		N																																	
UNKNOWN	05		196.0	0	196.0																													A	196.0
BDU-45/B(F017) (Qty in Thousands)		N																																	
MCALESTER	01		11.5	0	11.5		11.5																											0	
MCALESTER	02		14.0	0	14.0									14.0																				0	
MCALESTER	03		10.0	0	10.0																													0	
MCALESTER	04		14.9	0	14.9				A																									14.9	
MCALESTER	05		11.5	0	11.5														A															11.5	
Remarks:																																			

**CLASSIFICATION: UNCLASSIFIED**

FY 2004/05 BUDGET PRODUCTION SCHEDULE, P-21													DATE: February 2003																		
APPROPRIATION/BUDGET ACTIVITY													Weapon System						P-1 ITEM NOMENCLATURE												
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS																			PRACTICE BOMBS (BLI 016000)												
Item	Manufacturer's Name and Location	Production Rate			Procurement Leadtimes						Total	Unit of Measure																			
		MSR	1-8-5	MAX	ALT Prior to Oct 1		ALT After Oct 1		Initial Mfg PLT	Reorder Mfg PLT																					
MK 76	MCALESTER(OK)	10000	30000	90000/mo							6	14		20	TWIN/BULK(TH)																
BDU-45	MCALESTER(OK)	4500	8000	16000/MO							6	14		20	K																
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2006												FISCAL YEAR 2007												B A L	
						2005						CALENDAR YEAR 2006						CALENDAR YEAR 2007													
						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		
MK 76 (Qty in Thousands)																															
		N																								0					
BDU-45/B(F017) (Qty in Thousands)																															
	04		N																							0					
	05			14.9	0	14.9							7.9	7.0												0					
	05			11.5	0	11.5																				0					
ITEM / MANUFACTURER	F Y	S	Q T Y	D E L	B A L	FISCAL YEAR 2008												FISCAL YEAR 2009												B A L	
						2007						CALENDAR YEAR 2008						CALENDAR YEAR 2009													
						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		
Remarks:																															





CLASSIFICATION: **UNCLASSIFIED**

FY 2004/05 BUDGET PRODUCTION SCHEDULE, P-21						DATE February 2003																											
APPROPRIATION/BUDGET ACTIVITY						Weapon System						P-1 ITEM NOMENCLATURE																					
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS												PRACTICE BOMBS (BLI 016000)																					
		Manufacturer's Name and Location				Production Rate			Procurement Leadtimes									Unit of Measure															
Item		LOCKHEED-MARTIN(LORAL)				MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total			Measure																	
Laser Guided Training Round (LGTR)		LOCKHEED-MARTIN(LORAL)				UNK	300	UNK		6	14		20			E																	
MK 83 Inert		MCALESTER				UNK	3600	9000/MO		6	14		20			K																	
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2006										FISCAL YEAR 2007										B A L						
							2005			CALENDAR YEAR 2006							CALENDAR YEAR 2007																
							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			
LASER GUIDED TRAINING ROUND			N																														
UNKNOWN		04		6050	2016	4034	504	504	504	504	504	504	506																			0	
UNKNOWN		05		5550	0	5550							462	462	462	462	462	462	462	462	462	462	462	462	462	462	468				0		
MK 83 INERT (E511)			N																														
MCALESTER		03		8183	0	8183						682	682	682	682	682	682	682	682	682	682	682	681								0		
MCALESTER		04		6918	0	6918																			577	577	577	577	577	577	3456		
MCALESTER		05		7147	0	7147																								7417			
ITEM / MANUFACTURER		F Y	S	Q T Y	D E L	B A L	FISCAL YEAR 2008										FISCAL YEAR 2009										B A L						
							2007			CALENDAR YEAR 2008							CALENDAR YEAR 2009																
							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			
MK 83 INERT (E511)			N																														
MCALESTER		04		6918	3462	3456	577	577	577	577	577	571																			0		
MCALESTER		05		7147	0	7147							596	596	596	596	596	596	596	596	596	596	591							0			
Remarks:																																	

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: <b>February 2003</b>					
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b>							P-1 ITEM NOMENCLATURE <b>(BLI 018000)</b> <b>Cartridges and Cartridge Actuated Devices (CARTS/CADS) (J1Q8)</b>					
Program Element for Code B Items: <b>B.A.1 - Navy Ammunition</b>							Other Related Program Elements					
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)	<b>\$158.0</b>	A	<b>\$23.0</b>	<b>\$25.9</b>	<b>\$26.4</b>	<b>\$26.5</b>	<b>\$26.9</b>	<b>\$27.4</b>	<b>\$27.8</b>	<b>\$28.3</b>	<b>Cont</b>	<b>Cont</b>
<p><u>Escape System/Life Support Devices</u>                      These items, such as safety/arming devices, sequence controls, shielded mild detonating cords, gas generators, initiators, thrusters, thermal batteries, etc, are used in aircraft emergency escape systems. The total number and type 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. The devices age at the same rate whether the aircraft is operating in a war time or peace time environment, and thus the requirement is calendar driven. 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 Naval Aircrew Common Ejection Seat (NACES) items, JAU-52/B initiators, BBU-57/A Cutters and other miscellaneous devices.</p> <p><u>Weapons/Stores Release Cartridges</u>                      These items are used to release the weapons/stores from aircraft. The JAU-22 impulse cartridges are used to eject sonobuoys from aircraft. The budget request also 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 will provide ILS planning, maintenance standardization, supply support, other technical ILS production efforts.</p> <p><u>Production Engineering Support</u>                      Production Engineering Support (PES) efforts include the development/review of procurement requests, monitoring of the production, disposition of 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><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>Formally managed under PEO(T) subhead Y1Q8, this program was transferred to PEO(W) in FY01 to be executed under subhead J1Q8.                      *FY 95/96/97 only. Prior to FY 95, this program was funded in the Other Procurement, Navy BA-5 appropriation.</p>												

P-1 SHOPPING LIST

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: February 2003					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							P-1 ITEM NOMENCLATURE Cartridges and Cartridge Actuated Devices (CARTS/CADS) (J1Q8) (BLI 018000)					
Procurement Items	ID Code	Prior Years	FY 2002	FY 2003	FY 2004	FY 2005					To Complete	Total
CCU-107 Init. Ctg. (MT95)	A											
QTY			165,000	180,000	180,000	180,000						
Funding			\$952	\$945	\$965	\$986						
QTY *(MT95)			80,000									
Funding			\$478									
JAU-22/B Init. Ctg. (MF64)	A											
QTY			46,048	105,000	105,000	105,000						
Funding			\$757	\$1,756	\$1,788	\$1,821						
Thermal Battery (CWDR)	A											
QTY			86	193	142	201						
Funding			\$322	\$734	\$550	\$793						
BBU-57/A Cutter (SR95)	A											
QTY			0	0	58	78						
Funding			\$0	\$0	\$573	\$785						
JAU-52 (MJ91)	A											
QTY			192	697	129	0						
Funding			\$581	\$2,143	\$404	\$0						
Navy Aircrew Common Ejection Seat	A											
QTY												
Funding			\$650	\$1,050	\$1,130	\$1,300						
*Misc Devices			\$12,330	\$10,396	\$11,972	\$11,679						
Other Support			\$6,949	\$8,877	\$8,992	\$9,126						
TOTAL		\$158,010	\$23,019	\$25,901	\$26,374	\$26,490					Cont	Cont

P-1 SHOPPING LIST

CLASSIFICATION:

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CLASSIFICATION: UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: February 2003			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A.1 - Navy Ammunition						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD (BLI 018000) Cartridges and Cartridge Actuated Devices (CARTS/CADS) (J1Q8)								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2002		FY 2003			FY 2004			FY 2005			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<b>STORES RELEASE</b>														
Q8200	CCU-107 Imp Ctg (MT95)	A		165,000	5.77	952	180,000	5.25	945	180,000	5.36	965	180,000	5.48	986
	CCU-107 Imp Ctg (MT95)			80,000	5.97	478									
Q8090	JAU-22/B Init. Ctg. (MF64)	A		46,048	16.44	757	105,000	16.72	1,756	105,000	17.03	1,788	105,000	17.34	1,821
	<b>SAFETY</b>														
Q8060	Thermal Battery (CWDR)	A		86	3,741.00	322	193	3,804.15	734	142	3,873.94	550	201	3,946.77	793
Q8080	BBU-57/A Cutter (SR95)	A				0			0	58	9,884.48	573	78	10,070.51	785
Q8120	JAU-52/B Init.Ctg (MJ91)	A		192	3,023.67	581	697	3,074.75	2,143	129	3,130.83	404			0
Q8300	Navy Aircrew Common Ejection Seat	A				650			1,050			1,130			1,300
Q8600	Miscellaneous Devices Under \$500K					12,330			10,396			11,972			11,679
Q8800	Integrated Logistics Support (ILS)					1,787			1,824			1,863			1,902
Q8830	Production Engineering Support (PES)					1,774			2,565			2,591			2,607
Q8840	Quality Assurance (QA)					398			422			437			455
Q8850	Product Improvement Program (PIP)					1,767			2,730			2,730			2,750
Q8860	Acceptance Testing					1,223			1,336			1,371			1,412
<b>TOTAL</b>				<b>158,010</b>		<b>23,019</b>			<b>25,901</b>			<b>26,374</b>			<b>26,490</b>

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CLASSIFICATION:

<b>BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)</b>	Weapon System	A. DATE <b>February 2003</b>
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<b>B. APPROPRIATION/BUDGET ACTIVITY</b> <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b> <b>B.A.1 - Navy Ammunition</b>	<b>C. P-1 ITEM NOMENCLATURE</b> <b>(BLI 018000)</b> <b>Cartridges and Cartridge Actuated Devices(CARTS/CADS)</b>	<b>SUBHEAD</b> <b>J1Q8</b>
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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
<b><u>STORES RELEASE</u></b>										
Q8200 CCU-107 Imp Ctg (MT95) FY 01	180,000	4.59	NAVICP	Sep-00	C/FP	Hanley Industries, Inc Alton, IL	Jun-01	Apr-02	YES	
FY 02	165,000	5.77	NAVICP	Nov-01	C/FP	Technical Ordnance Inc. St. Bonifacius, MN	Dec-01	Apr-03	YES	
	80,000	5.97	NAVICP	Sep-01	C/FP	Technical Ordnance Inc. St. Bonifacius, MN	Oct-01	Dec-01	YES	
FY 03	180,000	5.25	NAVICP	Oct-02	C/FP	UNKNOWN	Apr-03	Apr-04	YES	
FY 04	180,000	5.36	NAVICP	TBD	C/FP	UNKNOWN	Apr-04	Apr-05	YES	
FY 05	180,000	5.48	NAVICP	TBD	C/FP	UNKNOWN	Apr-05	Apr-06	YES	
Q8090 JAU-22/B Init. Ctg (MF64) FY 01	109,490	16.33	NAVICP	Jan-01	C/FP	AMTEC Corp. Janesville, WI	Feb-01	Apr-01	YES	
FY 02	46,048	16.44	NAVICP	Oct-01	C/FP	Bulova Technologies L.L.C Lancaster, PA	Nov-01	Apr-03	YES	
FY 03	105,000	16.72	NAVICP	Oct-02	C/FP	AMTEC Corp. Janesville, WI	Dec-02	Apr-04	YES	
FY 04	105,000	17.03	NAVICP	TBD	C/FP	UNKNOWN	Apr-04	Apr-05	YES	
FY 05	105,000	17.34	NAVICP	TBD	C/FP	UNKNOWN	Apr-05	Apr-06	YES	

<b>D. REMARKS</b>  *FY02 Emergency Buy to support war efforts
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# UNCLASSIFIED

CLASSIFICATION:

B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				A. DATE	
<b>B.A.1 - Navy Ammunition</b>					<b>Cartridge &amp; Cartridge Actuated Devices (CARTS/CADS)</b>				<b>February 2003</b>	
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				A. DATE	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					(BLI 018000)				February 2003	
B.A.1 - Navy Ammunition					Cartridge & Cartridge Actuated Devices (CARTS/CADS)				J1Q8	
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
<b><u>SAFETY</u></b>										
Q8060 Thermal Battery (CWDR) FY 01	286	2,818.00	NAVAIR	Feb-01	SS/FP	Martin-Baker Aircraft Company Higher Denham, UK	Mar-01	Apr-02	YES	
FY 02	86	3,741.00	NAVAIR	Oct-01	SS/FP	Martin-Baker Aircraft Company	Dec-01	Apr-03	YES	
FY 03	193	3,804.15	NAVAIR	Oct-02	SS/FP	Martin-Baker Aircraft Company	Apr-03	Apr-04	YES	
FY 04	142	3,873.94	NAVAIR	TBD	C/FP	UNKNOWN	Apr-04	Apr-05	YES	
FY 05	201	3,946.77	NAVAIR	TBD	C/FP	UNKNOWN	Apr-05	Apr-06	YES	
Q8080 BBU-57/A Cutter (SR95) FY 01	52	10,168.81	NAVICP	Aug-00	SS/FP	Northrop-Grumman Corp. El Segundo, CA	Jul-01	Jan-03	YES	
FY 02	0	0.00	N/A	N/A	SS/FP	N/A	N/A	N/A	YES	
FY 03	0	0.00	N/A	N/A	SS/FP	N/A	N/A	N/A	YES	
FY 04	58	9,884.48	N/A	N/A	SS/FP	Northrop-Grumman Corp.	Apr-04	Apr-05	YES	
FY 05	78	10,070.51	N/A	N/A	SS/FP	Northrop-Grumman Corp.	Apr-05	Apr-06	YES	
Q8120 JAU-52/B Init. Ctg (MJ91) FY 01	227	3,170.00	NAVICP	Oct-00	SS/FP	General Dynamics OTS, Redmond, WA	Apr 01	Apr 02	YES	
FY 02	192	3,023.67	NAVICP	Oct-01	SS/FP	General Dynamics OTS,	Feb-02	Apr 03	YES	
FY 03	697	3,074.75	NAVICP	Oct-02	SS/FP	General Dynamics OTS,	Apr-03	Apr-04	YES	
FY 04	129	3,130.83	NAVICP	TBD	SS/FP	General Dynamics OTS,	Apr-04	Apr-05	YES	
FY 05	0	0.00	N/A	N/A	SS/FP	N/A	Apr-05	Apr-06	YES	
D. REMARKS										

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2003					
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b>							P-1 ITEM NOMENCLATURE <b>(BLI 018100) Aircraft Escape Rockets/Catapults (J1Q9)</b>					
Program Element for Code B Items: <b>B.A.1 - Navy Ammunition</b>							Other Related Program Elements					
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total	Total
QUANTITY												
COST (In Millions)	<b>\$65.2</b>	A	<b>\$9.9</b>	<b>\$10.6</b>	<b>\$10.9</b>	<b>\$10.9</b>	<b>\$11.1</b>	<b>\$11.2</b>	<b>\$11.4</b>	<b>\$11.6</b>	<b>Cont</b>	<b>Cont</b>
<p>This program provides funding for rocket motors, rocket catapults and catapults used to eject aircrewmembers from disabled aircraft. The program is structured to meet replacement requirements that are based on aircraft inventories and the escape rocket/catapults service lives. The devices age at the same rate whether operating in a war or peace-time environment, and thus the requirement is calendar driven. 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 2004 and 2005 budget request provides continued funding for the procurement of MK 122 parachute deployment rocket motors, Mk 123/124 underseat rocket motors, various miscellaneous devices, Product Improvement Programs (PIP), and associated production engineering and integrated logistics support.</p> <p>PES: Production Engineering Support efforts include the development/review of procurement requests, monitoring of the production, disposition of 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, other technical ILS production efforts.</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>Formally managed under PEO(T) subhead Y1Q9, this program was transferred to PEO(W), beginning in FY01 to be executed under subhead J1Q9.</p>												

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CLASSIFICATION:

**UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: February 2003			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A.1 - Navy Ammunition						ID Code A		P-1 ITEM NOMENCLATURE/SUBHEAD Aircraft Escape Rockets/Catapults (J1Q9) (BLI 018100)							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<b>SAFETY</b>														
Q9070	MK122 Parachute Deploy Rkt Motor (MT29)	A		246	2,090.00	514	212	2,949.06	625	159	3,054.72	486	204	3,059.31	624
Q9080	MK123 Underseat Rkt Motor (MT30)	A		20	4,189.10	84	15	7,738.33	116	27	7,881.48	213	38	8,028.95	305
Q9081	MK124 Underseat Rkt Motor(MT31)	A		40	4,189.10	168	30	7,738.33	232	50	7,881.48	394	50	8,028.95	401
Q9130	Miscellaneous Devices Under \$500K					4,247			3,930			4,082			3,689
Q9820	Reliability Life					639			668			675			690
Q9800	Integrated Logistics Support (ILS)					1,020			1,033			995			1,050
Q9830	Production Engineering Support (PES)					1,273			1,275			1,312			1,341
Q9850	Product Improvement Program (PIP)					1,221			1,947			1,955			1,975
Q9860	Acceptance Test					714			757			792			819
<b>TOTAL</b>						<b>65,183</b>			<b>9,880</b>			<b>10,583</b>			<b>10,904</b>

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE				
<b>B. APPROPRIATION/BUDGET ACTIVITY</b> <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b> <b>B.A.1 - Navy Ammunition</b>					<b>C. P-1 ITEM NOMENCLATURE</b> <b>Aircraft Escape Rockets/Catapults (BLI 018100)</b>					<b>February 2003</b>		
										SUBHEAD		
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 01	245	2,220.00	NAVICP	Oct-00	C/FP	BF Goodrich, Phoenix, AZ	MAR 01	APR 02	YES			
FY 02	246	2,090.00	NAVICP	Oct-01	C/FP	BF Goodrich, Phoenix, AZ	FEB 02	APR 03	YES			
FY 03	212	2,949.06	NAVICP	Oct-02	C/FP	UNKNOWN	APR 03	APR 04	YES			
FY 04	159	3,054.72	NAVICP	TBD	C/FP	UNKNOWN	APR 04	APR 05	YES			
FY 05	204	3,059.31	NAVICP	TBD	C/FP	UNKNOWN	APR 05	APR 06	YES			
<u>Q9080 MK 123 Underseat Rkt Mtr (MT30)</u>												
FY 01	10	4,745.70	NAVICP	Oct-00	C/FP	MARTIN-BAKER, UK	MAR 01	APR 02	YES			
FY 02	20	4,189.10	NAVICP	Oct-01	C/FP	MARTIN-BAKER, UK	FEB 02	APR 03	YES			
FY 03	15	7,738.33	NAVICP	Oct-02	C/FP	UNKNOWN	APR 03	APR 04	YES			
FY 04	27	7,881.48	NAVICP	TBD	C/FP	UNKNOWN	APR 04	APR 05	YES			
FY 05	38	8,028.95	NAVICP	TBD	C/FP	UNKNOWN	APR 05	APR 06	YES			
<u>Q9081 MK 124 Underseat Rkt Mtr (MT31)</u>												
FY 01	20	4,745.70	NAVICP	Oct-00	C/FP	MARTIN-BAKER, UK	MAR01	APR 02	YES			
FY 02	40	4,189.10	NAVICP	Oct-01	C/FP	MARTIN-BAKER, UK	FEB 02	APR 03	YES			
FY 03	30	7,738.33	NAVICP	Oct-02	C/FP	UNKNOWN	APR 03	APR 04	YES			
FY 04	50	7,881.48	NAVICP	TBD	C/FP	UNKNOWN	APR 04	APR 05	YES			
FY 05	50	8,028.95	NAVICP	TBD	C/FP	UNKNOWN	APR 05	APR 06	YES			
<b>D. REMARKS</b> FY01 and FY02 unit price for the MK 122, MK 123 and Mk 124 units reflects that the KU propellant contained within the devices was supplied as GFM (previous years and in FY03 and out, the material was purchased by the rocket motor manufacturer). Due to the closure of the previous sole source of the propellant in 2001, we purchased a stockpile of the propellant for use until a new source is qualified. This purchase was executed utilizing FY00 procurement dollars from the misc. devices budget line. The worth of the GFM is \$410 and \$3450 for the MK 122 and MK 123/124s respectively. Thus the unit price for the devices in FY02 including the GFM worth is \$2500 and \$7639 respectively.												

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: FEBRUARY 2003					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1 Navy Ammunition							P-1 ITEM NOMENCLATURE (BLI 018200) 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 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)	\$198.1		\$39.2	\$38.2	\$44.1	\$56.7	\$59.6	\$62.4	\$63.5	\$64.6	CONT	CONT
<p>FY2002 includes a \$3.3M Congressional Add for MJU-52/B IR.</p> <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. Procurement of 1x1 countermeasures in support of the C-130J began in FY 2001. These items are RR170A, operational chaff; RR188, training chaff, M206, magnesium fueled flare; MJU-50, pyrophoric decoy device and BBU35 impulse cartridge.</p> <p><b>Chaff Countermeasures:</b> Procurement of RR-129A operational round and RR-144A training rounds began in FY 2000 in support of all airframes except the USMC KC-130J which uses the 1x1 RR170A operational round and RR188 training round . Procurement of the training rounds are necessary because they do not interfere with Federal Aviation Administration (FAA) radars.</p> <p><b>Active Jammers:</b> The Advanced Airborne Expendable Decoy (AAED), part of the ALE-50 program, enters the final year of production during FY03. 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. AAED and FOTD were developed under PE 0604270N RDT&amp;E, Project E2175.</p> <p><b>IR Decoys:</b> The MJU-49 is currently used by all aircraft. The SM875A is a dedicated, low cost training device. Procurement of the MJU-52 (BOL IR) device began in FY 2000. 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><b>Impulse Cartridges:</b> 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. 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><b>Support costs:</b> Provide for required Production Engineering (PE), Product Improvement (PIP), Quality Assurance (QA), Acceptance Test and Evaluation (AT&amp;E), and Integrated Logistic Support (ILS) by NAVAIR engineering/cognizant field activities.</p>												

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a						DATE: <b>FEBRUARY 2003</b>						
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION,NAVY & MARINE CORPS/BA-1 Navy Ammunition						P-1 ITEM NOMENCLATURE (BLI 018200) AIRBORNE EXPENDABLE C/M PROGRAM (S/H Y1QA)						
Procurement Items	ID Code	Prior Years	FY 2002	FY 2003	FY 2004	FY 2005					To Complete	Total
<b>ACTIVE JAMMERS</b>												
AAED (ALE-50)	A											
Quantity		790	214	292								
Funding		16,550	4,785	6,660								
FOTD (IDECM)	B											
Quantity		30			35	89						
Funding		6,937			7,854	15,842						
<b>IR DECOYS</b>												
MJU-32/B	A											
Quantity		465,036	26,250	32,340	38,229	22,050						
Funding		13,541	1,455	1,232	1,482	915						
MJU-38/B	A											
Quantity		305,268		81,740	10,000							
Funding		10,145		3,472	388							
MJU-49/B (Helo)	A											
Quantity		85,234	50,350	60,480	50,400	35,176						
Funding		10,997	6,201	7,497	6,315	4,496						
SM875A	A											
Quantity		1,042,200				100,020						
Funding		6,220				800						
MJU-50 (1X1 Pyrophoric)	A											
Quantity		5,527	5,743	6,000	6,000	6,000						
Funding		373	402	431	435	439						
MJU-52 BOL IR	A											
Quantity		412,443	153,909									
Funding		10,433	3,809									
Page Total		75,196	16,652	19,292	16,474	22,492						

\* FY95 through FY01 only

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: <b>FEBRUARY 2003</b>				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION,NAVY & MARINE CORPS/BA-1 Navy Ammunition							P-1 ITEM NOMENCLATURE <b>AIRBORNE EXPENDABLE C/M PROGRAM (S/H Y1QA)</b> (BLI 018200)				
Procurement Items	ID Code	Prior Years *	FY 2002	FY 2003	FY 2004	FY 2005				To Complete	Total
MJU-55 Companion	A										
Quantity				2,000	25,955	40,525					
Funding				360	3,141	4,908					
MJU-57 Kinematic	A										
Quantity				2,000	25,955	40,525					
Funding				550	4,724	7,380					
MJU-47 ASTE Kinematic	A										
Quantity						5,025					
Funding						930					
MJU-48 ASTE Companion	A										
Quantity						5,025					
Funding						688					
M206 (1X1) Mag	A										
Quantity		8,100	6,100	5,453	8,200	8,200					
Funding		99	120	124	127	128					
<b>IMPULSE CARTRIDGES</b>											
CCU-136A (GENERIC)	A										
Quantity		1,839,504									
Funding		4,635									
CCU-136A/A (HERO SAFE)	A										
Quantity		1,255,104	920,990	150,232	700,000	748,000					
Funding		6,307	3,945	649	3,150	3,396					
CCU-144A (HERO SAFE)	A										
Quantity					6,000	5,100					
Funding					48	36					
CCU-145A (HERO SAFE)	A										
Quantity					33,500	33,000					
Funding					268	236					
Page Total		11,041	4,065	1,683	11,458	17,702					

\* FY95 through FY01 only

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a						DATE: <b>FEBRUARY 2003</b>						
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION,NAVY &amp; MARINE CORPS/BA-1 Navy Ammunition</b>						P-1 ITEM NOMENCLATURE <b>AIRBORNE EXPENDABLE C/M PROGRAM (S/H Y1QA)</b> (BLI 018200)						
Procurement Items	ID Code	Prior Years *	FY 2002	FY 2003	FY 2004	FY 2005					To Complete	Total
<b>BBU-35</b>	A											
Quantity		27,000	23,991	21,000								
Funding		84	86	68								
<b>CHAFF COUNTERMEASURES</b>												
<b>RR-129A CHAFF CM</b>	A											
Quantity		758,880	262,800	299,520	299,520	252,020						
Funding		6,985	2,223	2,630	2,639	2,253						
<b>RR-144A TRNG CHAFF</b>	A											
Quantity		198,000	99,840	20,000	49,920	88,320						
Funding		2,066	952	199	499	881						
<b>RR-170A CHAFF 1X1</b>	A											
Quantity		6,480	6,480	6,480	12,960	13,000						
Funding		25	22	26	52	53						
<b>VARIOUS (1)</b>		33,709										
<b>SUPPORT COSTS</b>												
<b>PRODUCTION ENGR</b>		20,672	3,836	3,688	4,567	4,597						
<b>PROD IMPROVEMENT</b>		26,019	8,393	6,352	4,523	4,493						
<b>ACCEP TEST &amp; EVAL</b>		19,888	2,465	3,875	3,358	3,736						
<b>ILS</b>		2,455	501	376	498	498						
<b>Page Total</b>		111,903	18,478	17,214	16,136	16,511						
<b>Grand Total</b>		198,140	39,195	38,189	44,068	56,705						

(1) The amount identified against this cost element reflects total prior year funding associated with cost elements no longer financed in FY 2002 and beyond.  
\* FY95 through FY01 only

CLASSIFICATION:

**UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System					DATE: <b>FEBRUARY 2003</b>				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1 Navy Ammunition							ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD <b>AIRBORNE EXPENDABLE C/M PROGRAM (S/H Y1QA)</b>							BLI (018200)	
COST CODE	ELEMENT OF COST (BLI 018200)	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years Total Cost	FY 2002			FY 2003			FY 2004			FY 2005			
				Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
QA110	<b>ACTIVE JAMMERS</b> AAED (ALE-50)	A	16,550	214	22,359.00	4,785	292	22,807.00	6,660							
QA120	FOTD / IDECM	B	6,937							35	224,400.00	7,854	89	178,000.00	15,842	
	<b>IR DECOYS</b>															
QA140	MJU-32/B ROTARY WING DECOY	A	13,541	26,250	55.44	1,455	32,340	38.10	1,232	38,229	38.76	1,482	22,050	41.50	915	
QA150	MJU-38/B TACAIR DECOY	A	10,145				81,740	42.48	3,472	10,000	38.76	388				
QA190	MJU-49/B DECOY DEVICE	A	10,997	50,350	123.16	6,201	60,480	123.96	7,497	50,400	125.30	6,315	35,176	127.81	4,496	
QA260	SM875A (TRAINING FLARE)	A	6,220										100,020	8.00	800	
QA210	MJU-50 (1X1 Pyrophoric)	A	373	5,743	70.06	402	6,000	71.76	431	6,000	72.48	435	6,000	73.18	439	
QA200	MJU-52 BOL IR	A	10,433	153,909	24.75	3,809										
QA225	MJU-55 Companion	A					2,000	180.00	360	25,955	121.00	3,141	40,525	121.10	4,908	
QA230	MJU-57 Kinematic	A					2,000	275.00	550	25,955	182.00	4,724	40,525	182.10	7,380	
QA185	MJU-47 ASTE Kinematic	A											5,025	185.07	930	
QA186	MJU-48 ASTE Companion	A											5,025	136.92	688	
QA235	M206 (1X1) Magnesium	A	99	6,100	19.73	120	5,453	22.81	124	8,200	15.43	127	8,200	15.61	128	
	<b>IMPULSE CARTRIDGES</b>															
QA090	CCU-136A (GENERIC)	A	4,635													
QA090	CCU-136A/A (HERO SAFE)	A	6,307	920,990	4.28	3,945	150,232	4.32	649	700,000	4.50	3,150	748,000	4.54	3,396	
QA100	CCU-144A	A								6,000	8.00	48	5,100	7.14	36	
<b>PAGE TOTAL</b>			<b>86,237</b>			<b>20,717</b>			<b>20,975</b>			<b>27,664</b>			<b>39,958</b>	

\* FY95 through FY01 only

CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System						DATE: FEBRUARY 2003						
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 2002			FY 2003			FY 2004			FY 2005			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
QA115	<b>IMPULSE CARTRIDGES CONT'D</b> CCU-145A	A									33,500	8.00	268	33,000	7.14	236
QA060	BBU-35	A	84	23,991	3.59	86	21,000	3.23	68							
	<b>CHAFF COUNTERMEASURES</b>															
QA010	RR-129A CHAFF CM	A	6,985	262,800	8.46	2,223	299,520	8.78	2,630	299,520	8.81	2,639	252,020	8.94	2,253	
QA020	RR-144A TRNG CHAFF	A	2,066	99,840	9.54	952	20,000	9.95	199	49,920	9.99	499	88,320	9.98	881	
QA030	RR-170A CHAFF 1X1	A	25	6,480	3.46	22	6,480	3.98	26	12,960	4.02	52	13,000	4.05	53	
N/A	VARIOUS (1)		33,709													
	<b>SUPPORT COSTS</b>															
QA830	PRODUCTION ENGINEERING		20,672			3,836			3,688			4,567			4,597	
QA850	PRODUCT IMPROVEMENT		26,019			8,393			6,352			4,523			4,493	
QA860	ACCEPTANCE TEST & EVALUATION		19,888			2,465			3,875			3,358			3,736	
QA800	ILS		2,455			501			376			498			498	
<b>P5 GRAND TOTAL</b>			<b>198,140</b>			<b>39,195</b>			<b>38,189</b>			<b>44,068</b>			<b>56,705</b>	

\* FY95 through FY01 only

(1) The amount identified against this cost element reflects total prior year funding associated with cost elements no longer financed in FY 2002 and beyond.



CLASSIFICATION:

**UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		DATE			
B. APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b> <b>BA-1 Navy Ammunition</b>						C. P-1 ITEM NOMENCLATURE (BLI 018200) <b>AIRBORNE EXPENDABLE C/M PROGRAM</b>			SUBHEAD <b>Y1QA</b>		
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	
<b>ACTIVE JAMMERS</b>											
AAED (ALE-50) (DWCL) FY 02	214	22,359.00	Robins AFB, GA	N/A	SS/Option	Raytheon, Goleta, CA	Aug-02	Jun-04	YES		
(DWCL) FY 03	292	22,807.00	Robins AFB, GA	N/A	SS/Option	Raytheon, Goleta, CA	May-03	Jun-05	YES		
<b>FOTD (IDECM)</b>											
(DWDQ) FY 01	30	226,300.00	NAVAIR PAX River	Jan-01	SS/FP	Sanders,Nashua, NH	Mar-01	Jul-04	YES		
(DWDQ) FY 04	35	224,400.00	NAVAIR PAX River	Jan-04	SS/FP	Sanders,Nashua, NH	Mar-04	Jul-05	YES		
(DWDQ) FY 05	89	178,000.00	NAVAIR PAX River	Jan-05	SS/FP	Sanders,Nashua, NH	Mar-05	Jul-06	YES		
<b>INFRARED DECOYS</b>											
<b>MJU-32/B ROTARY WING DECOY</b>											
(LA01) FY 01	88,200	30.93	NICP Mechanicsburg	Dec-00	C/FP	Kilgore, Toone, TN	Oct-01	Jul-03	YES		
(LA01) FY 02	26,250	55.44	NSWC Crane, IN	Dec-01	C/FP	NSWC Crane/Crane Army, IN	Dec-01	Dec-02	YES		
(LA01) FY 03	32,340	38.10	NICP Mechanicsburg	Jan-03	C/FP	TBD	Jun-03	Dec-03	YES		
(LA01) FY 04	38,229	38.76	NICP Mechanicsburg	Dec-03	C/FP	TBD	Jun-04	Dec-04	YES		
(LA01) FY 05	22,050	41.50	NICP Mechanicsburg	Dec-04	C/FP	TBD	Jun-05	Dec-05	YES		
<b>MJU-38/B TACAIR DECOY</b>											
(LA02) FY 00	130,074	27.69	NICP Mechanicsburg	Dec-99	C/FP	Kilgore, Toone, TN	Aug-00	May-02	YES		
(LA02) FY 01	44,100	27.69	NICP Mechanicsburg	Dec-00	C/FP	Kilgore, Toone, TN	Nov-00	May-03	YES		
(LA02) FY 03	61,740	38.10	NICP Mechanicsburg	Jan-03	C/FP	TBD	Jun-03	Dec-03	YES		
(LA02) FY 03	20,000	56.00	NSWC Crane, IN	Jan-03	C/FP	NSWC Crane/Crane Army, IN	Jan-03	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			SUBHEAD		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS						AIRBORNE EXPENDABLE C/M PROGRAM			Y1QA		
BA-1 Navy Ammunition											
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	
<b>INFRARED DECOYS (CONT'D)</b>											
MJU-38/B TACAIR DECOY (CONT'D) (LA02) FY 04	10,000	38.76	NICP Mechanicsburg	Dec-03	C/FP	TBD	Jun-04	Dec-04	YES		
MJU-49/B DECOY DEVICE (DWCI) FY 02	50,350	123.16	NSWC Crane, IN	Dec-01	SS/FP	Alloy, Chester Township, PA	Dec-01	Oct-02	YES		
(DWCI) FY 03	60,480	123.96	NSWC Crane, IN	Feb-03	SS/FP	Alloy, Chester Township, PA	May-03	Nov-03	YES		
(DWCI) FY 04	50,400	125.30	NSWC Crane, IN	Dec-03	SS/FP	Alloy, Chester Township, PA	May-04	Nov-04	YES		
(DWCI) FY 05	35,176	127.81	NSWC Crane, IN	Dec-04	SS/FP	Alloy, Chester Township, PA	May-05	Nov-05	YES		
SM875A TRNG FLARE (LA10) FY 01	200,640	5.23	NICP Mechanicsburg	Dec-00	C/FP	Martin Electronics, Perry, FL	Sep-01	Nov-02	YES		
(LA10) FY 04	100,020	8.00	NICP Mechanicsburg	Dec-03	C/FP	TBD	May-04	Nov-04	YES		
MJU-50 (1X1 Pyrophoric) (LA19) FY 01	5,527	67.49	NSWC Crane, IN	Jan-01	SS/FP	Alloy, Chester Township, PA	Sep-01	Oct-02	YES		
(LA19) FY 02	5,743	70.06	NSWC Crane, IN	Jan-02	SS/FP	Alloy, Chester Township, PA	Apr-02	Dec-02	YES		
(LA19) FY 03	6,000	71.76	NSWC Crane, IN	Feb-03	SS/FP	Alloy, Chester Township, PA	Apr-03	Jan-04	YES		
(LA19) FY 04	6,000	72.48	NSWC Crane, IN	Jan-04	SS/FP	Alloy, Chester Township, PA	Apr-04	Jan-05	YES		
(LA19) FY 05	6,000	73.18	NSWC Crane, IN	Jan-05	SS/FP	Alloy, Chester Township, PA	Apr-05	Jan-06	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					SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					AIRBORNE EXPENDABLE C/M PROGRAM					Y1QA	
BA-1 Navy Ammunition											
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	
<b>INFRARED DECOYS (CONT'D)</b>											
BOL IR MJU-52 (DWCO) FY 01	258,203	25.08	NSWC Crane, IN	Dec-00	SS/FP	Alloy, Chester Township, PA	Jul-01	Jun-02	YES		
(DWCO) FY 02	153,909	24.75	NSWC Crane, IN	Dec-01	SS/FP	Alloy, Chester Township, PA	Jul-02	May-03	YES		
MJU-55 Companion (TBD) FY 03	2,000	180.00	NSWC Crane, IN	May-03	C/FP	NSWC Crane/Crane Army, IN	Jun-03	Mar-04	NO	Nov-02	
(TBD) FY 04	25,955	121.00	NSWC Crane, IN	Dec-03	C/FP	TBD	Apr-04	Jan-05	NO	Nov-02	
(TBD) FY 05	40,525	121.10	NSWC Crane, IN	Dec-04	C/FP	TBD	Apr-05	Jan-06	NO	Nov-02	
MJU-57 Kinematic (TBD) FY 03	2,000	275.00	NSWC Crane, IN	May-03	C/FP	NSWC Crane/Crane Army, IN	Jun-03	Mar-04	NO	Nov-02	
(TBD) FY 04	25,955	182.00	NSWC Crane, IN	Dec-03	C/FP	TBD	Apr-04	Jan-05	NO	Nov-02	
(TBD) FY 05	40,525	182.10	NSWC Crane, IN	Dec-04	C/FP	TBD	Apr-05	Jan-06	NO	Nov-02	
MJU-47 ASTE Kinematic (LA30) FY 05	5,025	185.07	NSWC Crane, IN	Dec-04	C/FP	TBD	Apr-05	Jan-06	NO	Sep-03	
MJU-48 ASTE Companion (LA31) FY 05	5,025	136.92	NSWC Crane, IN	Dec-04	C/FP	TBD	Apr-05	Jan-06	NO	Sep-03	
M206 (L410) FY 02	6,100	19.73	IOC Rock Island, IL	Jan-02	C/FP	Kilgore Flares, Toone, TN	Aug-02	May-04	YES		
(L410) FY 03	5,453	22.81	IOC Rock Island, IL	Jan-03	C/FP	TBD	Aug-03	Jun-04	YES		
(L410) FY 04	8,200	15.43	IOC Rock Island, IL	Jan-04	C/FP	TBD	Aug-04	Jun-05	YES		
(L410) FY 05	8,200	15.61	IOC Rock Island, IL	Jan-05	C/FP	TBD	Aug-05	Jun-05	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			SUBHEAD		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS						AIRBORNE EXPENDABLE C/M PROGRAM			Y1QA		
BA-1 Navy Ammunition											
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	
<b>IMPULSE CARTRIDGES</b>											
CCU-136A/A (HERO SAFE)											
(WA83) FY 02	920,990	4.28	NICP Mechanicsburg	Dec-01	C/FP	CAPCO, Grand Junction,CO	Feb-02	Sep-02	YES		
(WA83) FY 03	150,232	4.32	NICP Mechanicsburg	Dec-02	C/FP	CAPCO, Grand Junction,CO	Dec-02	Jun-03	YES		
(WA83) FY 04	700,000	4.50	NICP Mechanicsburg	Dec-03	C/FP	TBD	Jun-04	Sep-04	YES		
(WA83) FY 05	748,000	4.54	NICP Mechanicsburg	Dec-04	C/FP	TBD	Jun-05	Sep-05	YES		
CCU-144A (HERO SAFE)											
(WB23) FY 04	6,000	8.00	NICP Mechanicsburg	Dec-03	C/FP	TBD	May-04	Feb-05	YES		
(WB23) FY 05	5,100	7.14	NICP Mechanicsburg	Dec-04	C/FP	TBD	May-05	Feb-06	YES		
CCU-145A (HERO SAFE)											
(WB24) FY 04	33,500	8.00	NICP Mechanicsburg	Dec-03	C/FP	TBD	May-04	Feb-05	YES		
(WB24) FY 05	33,000	7.14	NICP Mechanicsburg	Dec-04	C/FP	TBD	May-05	Feb-06	YES		
BBU-35											
(MG62) FY 02	23,991	3.59	NICP Mechanicsburg	Jan-02	C/FP	Technical Ordnance Inc St. Bonifacius, MN	Aug-02	May-03	YES		
(MG62) FY 03	21,000	3.23	NICP Mechanicsburg	Jan-03	C/FP	TBD	Jun-03	May-04	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			SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							AIRBORNE EXPENDABLE C/M PROGRAM			FEBRUARY 2003	
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	
<b>CHAFF COUNTERMEASURES</b>											
RR-129A CHAFF CM (DWCF) FY 02	262,800	8.46	NICP Mechanicsburg	Dec-01	C/FP	BAE Systems Inc,Austin, TX	Dec-01	Jul-02	YES		
(DWCF) FY 03	299,520	8.78	NICP Mechanicsburg	Jan-03	C/FP	TBD	Apr-03	Dec-03	YES		
(DWCF) FY 04	299,520	8.81	NICP Mechanicsburg	Jan-04	C/FP	TBD	Apr-04	Dec-04	YES		
(DWCF) FY 05	252,020	8.94	NICP Mechanicsburg	Jan-05	C/FP	TBD	Apr-05	Dec-05	YES		
RR-144A TRNG CHAFF (DWCB) FY 02	99,840	9.54	NICP Mechanicsburg	Apr-02	C/FP	BAE Systems Inc,Austin, TX	Jul-02	Dec-02	YES		
(DWCB) FY 03	20,000	9.95	NICP Mechanicsburg	Jan-03	C/FP	TBD	Apr-03	Dec-03	YES		
(DWCB) FY 04	49,920	9.99	NICP Mechanicsburg	Jan-04	C/FP	TBD	Apr-04	Dec-04	YES		
(DWCB) FY 05	88,320	9.98	NICP Mechanicsburg	Jan-05	C/FP	TBD	Apr-05	Dec-05	YES		
RR-170A CHAFF (LY07) FY 02	6,480	3.46	NICP Mechanicsburg	Apr-02	C/FP	BAE Systems Inc,Austin, TX	Jul-02	Dec-02	YES		
(LY07) FY 03	6,480	3.98	NICP Mechanicsburg	Jan-03	C/FP	TBD	Apr-03	Dec-03	YES		
(LY07) FY 04	12,960	4.02	NICP Mechanicsburg	Dec-03	C/FP	TBD	Apr-04	Dec-04	YES		
(LY07) FY 05	13,000	4.05	NICP Mechanicsburg	Dec-04	C/FP	TBD	Apr-05	Dec-05	YES		
D. REMARKS											





BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2003					
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b>			P-1 ITEM NOMENCLATURE <b>JATO (JET ASSISTED TAKE OFF) (J1Q7) (BLI 019400)</b>									
Program Element for Code B Items:			Other Related Program Elements									
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)	<b>\$28.9</b>	<b>A</b>	<b>5.3</b>	<b>4.5</b>	<b>4.6</b>	<b>4.5</b>	<b>4.6</b>	<b>4.7</b>	<b>4.7</b>	<b>4.8</b>	<b>Continuing</b>	<b>Continuing</b>
<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>												
NAVY RESERVE			<u>FY02</u> <b>\$0.1</b>	<u>FY03</u> <b>\$0.1</b>	<u>FY04</u> <b>\$0.1</b>	<u>FY05</u> <b>\$0.1</b>	<u>FY06</u> <b>\$0.1</b>	<u>FY07</u> <b>\$0.1</b>	<u>FY08</u> <b>\$0.1</b>	<u>FY09</u> <b>\$0.1</b>		
*Less than \$50K												





# UNCLASSIFIED

CLASSIFICATION:

WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System			DATE: <b>February 2003</b>						
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & Marine Corps (\$000's)							ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD <b>JATO (JET ASSISTED TAKE OFF) (J1Q7) (BLI 019400)</b>								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years*	FY 2002		FY 2003			FY 2004			FY 2005				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
Q7040	MK 117 MOD O ROCKET MOTOR (H341)	A	16,874	503	3552.19	1,787	659	3620.68	2,386	587	3692.87	2,168	433	3766.32	1,631	
Q7050	MK 125 RATO (HA19)	A	6,400	525	4638.00	2,434	198	4726.00	938	297	4820.00	1,433	383	4916.00	1,884	
Q7800	Integrated Logistics Support		709			163			170			175			175	
Q7830	Production Engineering Support		2,799			530			491			426			427	
Q7850	Product Improvement Program		2,109			341			474			425			422	
			<b>28,891</b>			<b>5,255</b>			<b>4,459</b>			<b>4,627</b>			<b>4,539</b>	

\*Prior Years Reflects FY95-FY01 only, these programs were funded in FY94 and prior from the Other Procurement Navy (OPN) account.

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE <b>February 2003</b>		
B. APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS</b>					C. P-1 ITEM NOMENCLATURE <b>( BLI 019400) JATO (JET ASSISTED TAKE OFF) (J1Q7)</b>				SUBHEAD <b>J1Q7</b>	
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 02	503	3552.19	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-02	Oct-03	YES	
FY 03	659	3620.68	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-03	Oct-04	YES	
FY 04	587	3692.87	TBD	N/A	N/A	TBD	Apr-04	Oct-05	YES	
FY 05	433	3766.32	TBD	N/A	N/A	TBD	Apr-05	Oct-06	YES	
Q7050 MK 125 RATO (H311/HA19)										
FY 01 (HA19)	656	4486.28	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-01	Aug-02	YES	
FY 02 (HA19)	525	4638.00	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-02	Oct-02	YES	
FY 03 (HA19)	198	4726.00	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-03	Oct-03	YES	
FY 04 (HA19)	297	4820.00	TBD	N/A	N/A	TBD	Apr-04	Oct-05	YES	
FY 05 (HA19)	383	4916.00	TBD	N/A	N/A	TBD	Apr-05	Oct-06	YES	
D. REMARKS										

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: <b>February 2003</b>			
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>5"/54 GUN AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD NO. 11AC</b>								Other Related Program Elements <b>BLIN: 025000</b>					
	Prior Years	ID Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY													
COST (In Millions)				<b>\$16.0</b>	<b>\$12.0</b>	<b>\$13.2</b>	<b>\$20.0</b>	<b>\$37.5</b>	<b>\$22.6</b>	<b>\$23.0</b>	<b>\$23.4</b>		
<u>ITEM DESCRIPTION/JUSTIFICATION:</u>													
<p>This is a round of ammunition (separate loading ammunition) fired from cruiser and destroyer type 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>													

CLASSIFICATION:

**UNCLASSIFIED**

<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE: <b>February 2003</b>			
<b>P-40</b>													
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>5"/54 GUN AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD NO. 11AC</b>								Other Related Program Elements <b>BLIN: 025000</b>					
	Prior Years	ID Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY													
COST (In Millions)				<b>\$16.0</b>	<b>\$12.0</b>	<b>\$13.2</b>	<b>\$20.0</b>	<b>\$37.5</b>	<b>\$22.6</b>	<b>\$23.0</b>	<b>\$23.4</b>		

CONTINUED:

PRODUCT IMPROVEMENT: 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.

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 equipment 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.

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.

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CLASSIFICATION:

**UNCLASSIFIED**

<b>WEAPONS SYSTEM COST ANALYSIS</b> P-5		Weapon System			DATE: <b>February 2003</b>
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>		ID Code <b>025000</b>	P-1 ITEM NOMENCLATURE/SUBHEAD <b>5"/54 GUN AMMUNITION SUBHEAD NO. 11AC</b>		

COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AC100	5"/54 CHG, PROP, FULL, MK 67, 5"/54 PROJ, BLP/T 5"/54 PROJ, ILLUM  PE/QA SMCA	D326 D349 D354					31,980	193.52	6,189	7,878	220.92	1,740	22,230	220.92	4,911
			12,432	252.48	3,139	12,960	232.37	3,012	18,000	214.76	3,866	18,000	218.79	3,938	
									1,104	1590.91	1,756	2,880	1496.67	4,310	
					10			10			11			11	
AC830	PRODUCTION ENGINEERING				1,003			1,362			1,800			1,850	
AC850	PRODUCT IMPROVEMENT				6,680			1,181			2,605			1,300	
AC893	RENOVATION COMPONENTS				534			0			880			3,080	
AC894	GAUGE REQUIREMENTS				350			287			400			425	
AC895	NON-STANDARD ITEMS				180			0			190			195	
AC896	PROPELLANT CONTINUOUS PROCESS				4,139										
					<b>16,035</b>			<b>12,041</b>			<b>13,248</b>			<b>20,020</b>	

**UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2003		
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 CHG, PROP, FULL, MK 67, UNIVERSAL D326										
FY 2003	31980	193.52	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Jan-05	YES	
FY 2004	7878	220.92	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Mar-04	Jan-06	NO	Jul-03
FY 2005	22230	220.92	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Jan-07	NO	Jul-04
5"/54 PROJ, BLP/T D349										
FY 2000	1920	201.71	OSC ROCK ISLAND	Oct-99	MIPR	CRANE AAA	Aug-02	Mar-03	YES	
FY 2002	12432	252.48	OSC ROCK ISLAND	Oct-01	MIPR	CRANE AAA	Jan-02	Feb-04	YES	
FY 2003	12960	232.37	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Feb-05	YES	
FY 2004	18000	214.76	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Mar-04	Feb-06	NO	Jul-03
FY 2005	18000	218.79	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Feb-07	NO	Jul-04
5"/54 PROJ, ILLUM D354										
FY 2004	1104	1590.91	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Mar-04	Feb-06	NO	Jul-03
FY 2005	2880	1496.67	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Feb-07	NO	Jul-04

D. REMARKS

NOTE: All items shown are priced with available GFM.





Appropriation Procurement Ammunition Navy & Marine Corps Production Schedule Date February 2003

Budget Activity 1 Navy Ammunition P-1 Item Nomenclature 5'54 GUN AMMUNITION Subhead No. 11AC

Cost Code	Item/Mfr	Prg Yr	U / M	S e r v	Prog Qty	Oct 1		Fiscal Year 2003												Fiscal Year 2004												Fiscal Year 2005									Later			
						Acc Prior	Bal Due	CY 02			Calendar Year 2003									Calendar Year 2004									Calendar Year 2005															
						FY 03	FY 03	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		Jul	Aug	Sep
AC100	D349 - 5'54 PROJ, BLP/T																																											
	CRANE AAA	00	K	N	1.9		1.9																																					
	CRANE AAA	02	K	N	12.4		12.4																																					
	UNKNOWN	03	K	N	13.0		13.0																																					
	UNKNOWN	04	K	N	18.0		18.0																																18.0					
	UNKNOWN	05	K	N	18.0		18.0																																18.0					
	TOTALS				63.3		63.3																															36.0						

Manufacture's Name and Location	Production Rates			Reached D+	Procurement Lead Time				Remarks:
	Min Sust.	1-8-5	Max		Admin Lead Time		Manu- facturing time	Total After 1-Oct	
					Prior 1-Oct	After 1-Oct			
CRANE AAA	7432	14860	41620	Initial	5	5	23	28	
UNKNOWN	7432	14860	41620	Reorder (Previous Source)	5	5	23	28	
					P-1 Item Shopping List Item No		Page No		
					10		6		

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: <b>February 2003</b>			
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>5"/62 CAL EXTENDED RANGE GUIDED MUNITION (ERGM)</b>					
Program Element for Code B Items: <b>SUBHEAD NO. 11AK</b>								Other Related Program Elements <b>BLIN: 025300</b>					
	Prior Years	ID Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY													
COST (In Millions)				<b>\$5.1</b>	<b>\$0.0</b>	<b>\$3.8</b>	<b>\$21.6</b>	<b>\$20.2</b>	<b>\$21.1</b>	<b>\$39.4</b>	<b>\$61.7</b>		
<u>ITEM DESCRIPTION/JUSTIFICATION:</u>													
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.													
<u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.													
<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.													

CLASSIFICATION:

**UNCLASSIFIED**

<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE: <b>February 2003</b>			
<b>P-40</b>													
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>5"/62 CAL EXTENDED RANGE GUIDED MUNITION (ERGM)</b>					
Program Element for Code B Items: <b>SUBHEAD NO. 11AK</b>								Other Related Program Elements <b>BLIN: 025300</b>					
	Prior Years	ID Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY													
COST (In Millions)				<b>\$5.1</b>	<b>\$0.0</b>	<b>\$3.8</b>	<b>\$21.6</b>	<b>\$20.2</b>	<b>\$21.1</b>	<b>\$39.4</b>	<b>\$61.7</b>		
<u>CONTINUED:</u>													
<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.													
<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.													
<u>GAUGE:</u> These funds are required to procure the gauges and test equipment 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.													
<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.													
All ammo procured with these funds is procured through the Navy.													

**UNCLASSIFIED**

CLASSIFICATION:

**UNCLASSIFIED**

<b>WEAPONS SYSTEM COST ANALYSIS</b> P-5		Weapon System		DATE: <b>February 2003</b>
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>		ID Code <b>025300</b>	P-1 ITEM NOMENCLATURE/SUBHEAD <b>5"/62 CAL EXTENDED RANGE GUIDED MUNITION (ERGM) SUBHEAD NO. 11AK</b>	

COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2002			FY 2003			FY 2004			FY 2005			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
AK100	5in62 AMMUNITION COMPONENTS	DWDC														
	5"/62 CHG, PROPELLING EX-167	ERGM		261	2200.00	574				384	2100.00	806	352	2000.00	704	
	5"/62 EXTENDED RANGE GUIDED M	HDUM		20	5000.00	100				10	5000.00	50	275	68000.00	18,700	
	5"/62 HANDLING CYCLE DUMMY RO	IBST		20	8000.00	160				200	7500.00	1,500	4	5500.00	22	
	5"/62 INTERNAL BALLISTICS SIM												48	7500.00	360	
	PE/QA SMCA															
AK830	PRODUCTION ENGINEERING					1,336						1,420				1,778
AK850	PRODUCT IMPROVEMENT					2,926										
AK893	RENOVATION COMPONENTS															
AK894	GAUGE REQUIREMENTS															
AK895	NON-STANDARD															
<b>SUBTOTAL (PAGE 1 OF P5)</b>						<b>5,096</b>			<b>0</b>			<b>3,776</b>				<b>21,564</b>

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P-1 SHOPPING LIST

ITEM NO. 11

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CLASSIFICATION:

**UNCLASSIFIED**

CLASSIFICATION:

# UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								February 2003		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					5"/62 CAL EXTENDED RANGE GUIDED MUNITION (ERBLIN: 025300)				11AK	
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										
5in62 AMMUNITION COMPONENTS										
5"/62 CHG, PROPELLING EX-167 MOD 0 DWDC										
FY 2002	261	2200.00	INDIAN HEAD	Oct-01	CONTRACT	NSWC INDIAN HEAD	Nov-02	Dec-02	YES	
FY 2004	384	2100.00	CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Apr-04	Jan-06	NO	Jul-03
FY 2005	352	2000.00	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Jan-07	NO	Jul-04
5"/62 EXTENDED RANGE GUIDED MUNITION ERGM										
FY 2005	275	68000.00	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04
5"/62 HANDLING CYCLE DUMMY ROUND HDUM										
FY 2002	20	5000.00	NSWC DAHLGREN	Oct-01	CONTRACT	UNKNOWN	Mar-03	Mar-04	YES	
FY 2004	10	5000.00	CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Apr-04	Oct-04	NO	Jul-03
FY 2005	4	5500.00	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Oct-05	NO	Jul-04
5"/62 INTERNAL BALLISTICS SIMULATOR TEST IBST										
FY 2001	1	8000.00	NSWC DAHLGREN	Oct-00	CONTRACT	BECHDON	Nov-02	Dec-02	YES	
FY 2002	20	8000.00	NSWC DAHLGREN	Oct-01	CONTRACT	BECHDON	Nov-02	Dec-02	YES	
FY 2004	200	7500.00	CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Apr-04	Apr-05	NO	Jul-03
FY 2005	48	7500.00	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04

D. REMARKS

NOTE: All items shown are priced with available GFM.

Appropriation	Production Schedule	Date
Procurement Ammunition Navy & Marine Corps		February 2003

Budget Activity	P-1 Item Nomenclature	Subhead No.
1 Navy Ammunition	5"/62 CAL EXTENDED RANGE GUIDED MUNITION (ERGM)	11AK

Cost Code	Item/Mfr	Prg Yr	U / M	S e r v	Prog Qty	Oct 1		Fiscal Year 2003										Fiscal Year 2004										Fiscal Year 2005									Later			
						Acc Prior	Bal Due	CY 02			Calendar Year 2003							Calendar Year 2004							Calendar Year 2005															
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep									
AK100	DWDC - 5"/62 CHG, PROPELLING EX-167 MOD 0																																							
	NSWC INDIAN HEAD	02	EA	N	261		261																																	
	UNKNOWN	04	EA	N	384		384																																	384
	UNKNOWN	05	EA	N	352		352																																	352
	TOTALS				997		997																																	736

Manufacturer's Name and Location	Production Rates			Reached D+	Procurement Lead Time				Remarks:
	Min Sust.	1-8-5	Max		Admin Lead Time		Manu- facturing time	Total After 1-Oct	
					Prior 1-Oct	After 1-Oct			
NSWC INDIAN HEAD	18000	27000	76000		5	5	22	27	
UNKNOWN	18000	27000	76000		5	5	22	27	
					P-1 Item Shopping List Item No		Page No		
					11		5		



Appropriation Procurement Ammunition Navy & Marine Corps  
 Production Schedule  
 Date February 2003

Budget Activity 1 Navy Ammunition  
 P-1 Item Nomenclature 5"/62 CAL EXTENDED RANGE GUIDED MUNITION (ERGM)  
 Subhead No. 11AK

Cost Code	Item/Mfr	Prg Yr	U / M	S e r v	Prog Qty	Oct 1		Fiscal Year 2003												Fiscal Year 2004												Fiscal Year 2005												Lat er
						Acc Prior	Bal Due	CY 02						Calendar Year 2003						Calendar Year 2004						Calendar Year 2005																		
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
AK100	IBST - 5"/62 INTERNAL BALLISTICS SIMULATOR TEST					FY 03	FY 03																																					
	BECHDON	01	EA	N	1		1																																					
	BECHDON	02	EA	N	20		20			1																																		
	UNKNOWN	04	EA	N	200		200																															200						
	UNKNOWN	05	EA	N	48		48																																48					
	TOTALS				269		269			21																											200		48					

Manufacturer's Name and Location	Production Rates			Reached D+
	Min Sust.	1-8-5	Max	
BECHDON				
UNKNOWN				

	Procurement Lead Time			
	Admin Lead Time		Manu- facturing time	Total After 1-Oct
	Prior 1-Oct	After 1-Oct		
Initial	2	2	10	12
Reorder (Previous Source)	2	2	10	12
P-1 Item Shopping List Item No				Page No
				11
				7

Remarks:



CLASSIFICATION:

**UNCLASSIFIED**

<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE: <b>February 2003</b>			
<b>P-40</b>													
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>76MM GUN AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD NO. 11AF</b>								Other Related Program Elements <b>BLIN: 026500</b>					
	Prior Years	ID Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY													
COST (In Millions)				<b>\$1.0</b>	<b>\$8.2</b>	<b>\$1.2</b>	<b>\$1.2</b>	<b>\$1.2</b>	<b>\$1.2</b>	<b>\$1.2</b>	<b>\$1.2</b>		
<u>ITEM DESCRIPTION/JUSTIFICATION:</u>  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.  <u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.  <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.													

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CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2003					
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 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY													
COST (In Millions)				\$1.0	\$8.2	\$1.2	\$1.2	\$1.2	\$1.2	\$1.2	\$1.2		

CONTINUED:

PRODUCT IMPROVEMENT: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.

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.

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.

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PROCUREMENT PROGRAM - RESERVE COMPONENTS P-1R				Weapon System									DATE: February 2003		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 026501		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 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AF000	76MM GUN AMMUNITION			0		0	0		0	0		0	0		0
			0			0			0			0			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					C. P-1 ITEM NOMENCLATURE				SUBHEAD		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					76MM GUN AMMUNITION BLIN: 026500				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 GUN AMMUNITION CTG 76MM VT-NF C058											
FY 2000	3530	1074.17	OSC ROCK ISLAND	Oct-99	MIPR	CRANE AAA	Jun-00	Mar-03	YES		
FY 2001	2088	682.35	OSC ROCK ISLAND	Oct-00	MIPR	CRANE AAA	Mar-01	Sep-03	YES		
FY 2003	3024	485.11	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Sep-05	YES		
CTG, 76MM, HE-PD C061											
FY 2003	2700	416.14	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Sep-05	YES		
CTG, 76MM, BLP C062											
FY 1998	2412	469.89	OSC ROCK ISLAND	Oct-97	MIPR	CRANE AAA	Jun-98	Mar-03	YES		
FY 1999	3888	331.08	OSC ROCK ISLAND	Oct-98	MIPR	CRANE AAA	May-99	Mar-03	YES		
FY 2000	3605	516.83	OSC ROCK ISLAND	Oct-99	MIPR	CRANE AAA	Jun-00	Mar-03	YES		
FY 2001	9684	435.46	OSC ROCK ISLAND	Oct-00	MIPR	CRANE AAA	Mar-01	Mar-03	YES		
FY 2003	10044	456.25	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-04	YES		

D. REMARKS

NOTE: All items shown are priced with available GFM.

Appropriation: Procurement Ammunition Navy & Marine Corps  
 Production Schedule  
 Date: February 2003

Budget Activity: 1 Navy Ammunition  
 P-1 Item Nomenclature: 76MM GUN AMMUNITION  
 Subhead No.: 11AF

Cost Code	Item/Mfr	Prg Yr	U / M	S e r v	P r o g Qty	Oct 1		Fiscal Year 2003												Fiscal Year 2004												Fiscal Year 2005												Later		
						Acc	Bal	CY 02		Calendar Year 2003												Calendar Year 2004												Calendar Year 2005												
						Prior	Due	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep			
FY 03	FY 03																																													
AF100	C058 - CTG 76MM VT-NF																																													
	CRANE AAA	00	K	N	3.5		3.5																																							
	CRANE AAA	01	K	N	2.1																																									
	UNKNOWN	03	K	N	3.0																																									
	TOTALS				8.6		8.6																																							

Manufacturer's Name and Location	Production Rates			Reached D+	Procurement Lead Time				Remarks:
	Min Sust.	1-8-5	Max		Admin Lead Time		Manu- facturing time	Total After	
CRANE AAA	8500	14400	28800		Prior 1-Oct	After 1-Oct			
UNKNOWN	8500	14400	28800		5	5	30	35	
					5	5	30	35	
					P-1 Item Shopping List Item No			Page No	
					12			6	







CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: <b>February 2003</b>			
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>OTHER SHIP GUN AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD NO. 11AG</b>								Other Related Program Elements <b>BLIN: 027000</b>					
	Prior Years	ID Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY													
COST (In Millions)				<b>\$7.2</b>	<b>\$9.9</b>	<b>\$16.4</b>	<b>\$19.5</b>	<b>\$40.2</b>	<b>\$32.4</b>	<b>\$33.6</b>	<b>\$34.4</b>		
<u>ITEM DESCRIPTION/JUSTIFICATION:</u>  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.  <u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.  <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.													

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CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2003					
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 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY													
COST (In Millions)				\$7.2	\$9.9	\$16.4	\$19.5	\$40.2	\$32.4	\$33.6	\$34.4		

CONTINUED:

PRODUCT IMPROVEMENT: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.

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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: February 2003		
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 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AG000	OTHER SHIP GUN AMMUNITION			936		51	2,198		51	968		51	1,235		52
			0			51			51			51			52

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CLASSIFICATION:

WEAPONS SYSTEM COST ANALYSIS P-5			Weapon System										DATE: February 2003		
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 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AG100	25MM CARTRIDGES CTG, 25MM, TP-T, M793 CTG, 25MM, SAPHEI-T	A976 A991		87,890	11.62	1,021	97,570	12.68	1,237	190,510	17.59	3,351	182,490	17.92	3,270
										26,400	26.97	712	114,125	27.43	3,130
	30MM CARTRIDGES CTG, 30MM, HEI CTG, 30MM, TP	30HE 30TP		3,024	146.53	443	4,000	51.18	205	13,900	28.63	398	40,300	29.06	1,171
				10,200	10.86	111									
	40MM GRENADE CARTRIDGES CTG, 40MM, PRAC, M79 CTG, 40MM, FIXED, HE CTG, 40MM, FIXED, PRAC CTG, 40MM, BLANK, SAL (200 GR	B519 B542 B576 B650								43,700	5.02	219	29,000	5.11	148
				82,400	21.84	1,800	42,240	26.42	1,116	184,160	20.35	3,748	120,550	20.72	2,498
				73,024	13.36	976	160,800	13.32	2,142	0	0.00	0	148,416	12.83	1,904
													7,992	99.25	793
AG200	20MM CARTRIDGES CTG, 20MM, SURFACE MODE	AA61		70,370	27.00	1,900	139,400	30.00	4,182	238,700	27.82	6,641	187,470	28.30	5,305
	PE/QA SMCA-AG100 PE/QA SMCA-AG200					326			296			584			524
AG830	PRODUCTION ENGINEERING					662			695			715			741
AG850	PRODUCT IMPROVEMENT														
AG895	NON-STANDARD														
AG893	RENOVATION COMPONENTS														
AG894	GAUGE REQUIREMENTS														
<b>SUBTOTAL (PAGE 1 OF P5)</b>						<b>7,239</b>			<b>9,873</b>			<b>16,368</b>			<b>19,484</b>

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P-1 SHOPPING LIST

ITEM NO. 13

PAGE NO. 4

CLASSIFICATION:

# UNCLASSIFIED

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								<b>February 2003</b>		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
<b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>					<b>OTHER SHIP GUN AMMUNITION</b>				<b>11AG</b>	
					<b>BLIN: 027000</b>					
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 2001	55990	11.29	OSC ROCK ISLAND	Oct-00	MIPR	MULTIPLE CONTRACTORS	Feb-02	May-02	YES	
FY 2002	87890	11.62	OSC ROCK ISLAND	Oct-01	MIPR	MULTIPLE CONTRACTORS	Mar-02	Jun-03	YES	
FY 2003	97570	12.68	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Apr-03	Jun-04	YES	
FY 2004	190510	17.59	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Apr-04	Jun-05	NO	Jul-03
FY 2005	182490	17.92	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Apr-05	Jun-06	NO	Jul-04
CTG, 25MM, SAPHEI-T A991										
FY 2004	26400	26.97	CHINA LAKE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Jun-05	NO	Jul-03
FY 2005	114125	27.43	CHINA LAKE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Jun-06	NO	Jul-04
30MM CARTRIDGES										
CTG, 30MM, HEI 30HE										
FY 2002	3024	146.53	CRANE NAVY SUPPLY	Oct-01	CONTRACT	ATK	Aug-02	Oct-03	YES	
FY 2003	4000	51.18	CRANE NAVY SUPPLY	Oct-02	CONTRACT	UNKNOWN	Apr-03	Oct-04	YES	
FY 2004	13900	28.63	CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Apr-04	Oct-05	NO	Jul-03
FY 2005	40300	29.06	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Oct-06	NO	Jul-04
40MM GRENADE CARTRIDGES										
CTG, 40MM, PRAC, M79 B519										
FY 2004	43700	5.02	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Mar-04	Apr-05	NO	Jul-03
FY 2005	29000	5.11	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Apr-06	NO	Jul-04

D. REMARKS

NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

# UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								February 2003		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					OTHER SHIP GUN AMMUNITION BLIN: 027000				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 CONTINUED										
40MM GRENADE CARTRIDGES										
CTG, 40MM, FIXED, HE B542										
FY 2002	82400	21.84	OSC ROCK ISLAND	Oct-01	MIPR	UNKNOWN	Mar-03	Aug-03	YES	
FY 2003	42240	26.42	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Aug-04	YES	
FY 2004	184160	20.35	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Jan-04	Aug-05	NO	Jul-03
FY 2005	120550	20.72	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Jan-05	Aug-06	NO	Jul-04
CTG, 40MM, FIXED, PRAC B576										
FY 1999	6848	12.38	OSC ROCK ISLAND	Oct-98	MIPR	AMERICAN ORDNANCE	Sep-01	Mar-03	YES	
FY 2001	98240	12.62	OSC ROCK ISLAND	Oct-00	MIPR	MULTIPLE CONTRACTORS	Sep-01	Dec-02	YES	
FY 2002	73024	13.36	OSC ROCK ISLAND	Oct-01	MIPR	UNKNOWN	Mar-03	Oct-03	YES	
FY 2003	160800	13.32	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Oct-04	YES	
FY 2004	110000	12.59	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Jan-04	Oct-05	NO	Jul-03
FY 2005	148416	12.83	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Jan-05	Oct-06	NO	Jul-04
CTG, 40MM, BLANK, SAL (200 GRAMS) B650										
FY 2001	7182	38.57	OSC ROCK ISLAND	Oct-00	MIPR	AMERICAN ORDNANCE	Mar-02	Mar-03	YES	
FY 2005	7992	99.25	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Jan-05	Jul-06	NO	Jul-04
AG200										
20MM CARTRIDGES										
CTG, 20MM, SURFACE MODE AA61										
FY 2000	360000	27.48	NSWC DAHLGREN	Oct-99	CONTRACT	GENERAL DYNAMICS ARMAN	Jul-01	Mar-03	YES	
FY 2002	70370	27.00	CRANE NAVY SUPPLY	Oct-01	CONTRACT	UNKNOWN	Mar-03	Oct-03	YES	
FY 2003	139400	30.00	CRANE NAVY SUPPLY	Oct-02	CONTRACT	UNKNOWN	Mar-03	Oct-04	YES	
FY 2004	238700	27.82	CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Feb-04	Oct-05	NO	Jul-03
FY 2005	187470	28.30	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Feb-05	Oct-06	NO	Jul-04
D. REMARKS										
NOTE: All items shown are priced with available GFM.										

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: <b>February 2003</b>			
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>SMALL ARMS AND LANDING PARTY AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD NO. 11AH</b>								Other Related Program Elements <b>BLIN: 033500</b>					
	Prior Years	ID Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY													
COST (In Millions)				<b>\$8.8</b>	<b>\$18.7</b>	<b>\$17.7</b>	<b>\$23.3</b>	<b>\$34.7</b>	<b>\$8.5</b>	<b>\$8.8</b>	<b>\$9.0</b>		
<u>ITEM DESCRIPTION/JUSTIFICATION:</u>													
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.													
<u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.													
<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.													

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<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE: <b>February 2003</b>			
<b>P-40</b>													
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>SMALL ARMS AND LANDING PARTY AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD NO. 11AH</b>								Other Related Program Elements <b>BLIN: 033500</b>					
	Prior Years	ID Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY													
COST (In Millions)				<b>\$8.8</b>	<b>\$18.7</b>	<b>\$17.7</b>	<b>\$23.3</b>	<b>\$34.7</b>	<b>\$8.5</b>	<b>\$8.8</b>	<b>\$9.0</b>		

CONTINUED:

PRODUCT IMPROVEMENT: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.

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.

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.

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PROCUREMENT PROGRAM - RESERVE COMPONENTS P-1R				Weapon System									DATE: February 2003		
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 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AH000	SMALL ARMS AND LANDING PARTY AMMUNITION MATERIAL			73,350		30	69,711		29	75,117		32	158,257		69
			0		30		29		32						69

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<b>WEAPONS SYSTEM COST ANALYSIS</b> P-5		Weapon System		DATE: <b>February 2003</b>
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>		ID Code <b>033500</b>	P-1 ITEM NOMENCLATURE/SUBHEAD <b>SMALL ARMS AND LANDING PARTY AMMUNITION SUBHEAD NO. 11AH</b>	

COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AH100	SHOTGUN CARTRIDGES														
	CTG, 12 GA, NO. 00	A011		1,280,000	0.32	410	2,300,160	0.33	759	2,000,000	0.34	680	2,000,000	0.35	700
	CTG, 12 GA, NO. 9	A017		250,000	0.17	42									
	5.56MM CARTRIDGES														
	CTG, 5.56MM, BALL, M855	A059		3,774,960	0.21	793									
	CTG, 5.56MM, BALL, M855 LKD	A062		1,320,000	0.47	620	1,000,000	0.43	430	300,800	0.55	165			
	CTG, 5.56MM, LKD 4 BALL/1 TR	A064					156,800	0.32	50				120,000	0.33	40
	CTG, 5.56MM, BLANK	A080		1,370,280	0.10	137	699,960	0.10	70	962,160	0.11	106	962,160	0.11	106
	CTG., 5.56MM Match	AA53								300,000	0.50	150	300,000	0.52	156
	.22 CAL CARTRIDGES														
	CTG, .22 CAL, BALL, LR, MATCH	A097		725,000	0.07	54	160,000	0.18	29						
	7.62MM CARTRIDGES														
	CTG, 7.62MM, LKD, BALL AND TR	A131					3,248,000	0.45	1,462	3,537,600	0.45	1,592	3,083,200	0.47	1,449
	CTG, 7.62MM, LKD	A165					700,500	0.43	301	1,450,500	0.43	624	1,450,500	0.47	682
	9MM CARTRIDGES														
	CTG, 9MM, BALL	A363		15,900,000	0.11	1,650	32,646,000	0.11	3,591	8,000,000	0.11	880	23,176,000	0.11	2,549
	CTG, 9MM, FX, MARKING, RED	AA12					700,000	0.44	308	700,000	0.39	273	700,000	0.40	280
	CTG, 9MM, FRANGIBLE	AA16					1,800,000	0.33	594				1,000,000	0.37	370
	CTG, 9MM, FX, MARKING, BLUE	AA21					300,000	0.44	132						
	.45 CAL CARTRIDGES														
	CTG, .45 CAL, BALL, WADCUTTER	A470		392,000	0.20	79									
	.50 CAL CARTRIDGES														
	CTG, .50 CAL, LKD, BALL	A555		470,000	1.71	804	180,000	1.56	281	250,000	1.75	438	200,000	1.78	356
	CTG, .50 CAL, LKD & TRACER	A557					550,000	1.74	957	600,000	1.79	1,074	600,000	1.88	1,128
	CTG, .50 CAL, MK 211, APIT, M	AA06		497,200	6.09	3,025	1,302,800	6.01	7,835	1,613,900	6.21	10,022	2,164,400	6.32	13,679
<b>SUBTOTAL (PAGE 1 OF P5)</b>						<b>7,614</b>			<b>16,799</b>			<b>16,004</b>			<b>21,495</b>

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P-1 SHOPPING LIST

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2003		
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 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	CONTINUED														
	PE/QA SMCA					141			276			78			61
AH830	PRODUCTION ENGINEERING				579			585			618			637	
AH850	PRODUCT IMPROVEMENT														
AH893	RENOVATION COMPONENTS														
AH894	GAUGE REQUIREMENTS														
AH895	NON-STANDARD				244			525			530			535	
AH350	MATCH AMMO				205			494			494			545	
	<b>SUBTOTAL (PAGE 2 OF P5)</b>				<b>1169</b>			<b>1880</b>			<b>1720</b>			<b>1778</b>	
<b>TOTAL</b>					<b>8,783</b>			<b>18,679</b>			<b>17,724</b>			<b>23,273</b>	

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								February 2003		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					SMALL ARMS AND LANDING PARTY AMMUNITION				11AH	
					BLIN: 033500					
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 2002	1280000	0.32	OSC ROCK ISLAND	Oct-01	MIPR	OLIN CORP	Apr-02	Oct-02	YES	
FY 2003	2300160	0.33	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Aug-03	YES	
FY 2004	2000000	0.34	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Aug-04	NO	Jul-03
FY 2005	2000000	0.35	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Aug-05	NO	Jul-04
5.56MM CARTRIDGES CTG, 5.56MM, BALL, M855 LKD A062										
FY 2002	1320000	0.47	OSC ROCK ISLAND	Oct-01	MIPR	UNKNOWN	Mar-03	Mar-03	YES	
FY 2003	1000000	0.43	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	
FY 2004	300800	0.55	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Nov-04	NO	Jul-03
CTG, 5.56MM, LKD 4 BALL/1 TR A064										
FY 2003	156800	0.32	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	
FY 2005	120000	0.33	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Nov-05	NO	Jul-04
CTG, 5.56MM, BLANK A080										
FY 2002	1370280	0.10	OSC ROCK ISLAND	Oct-01	MIPR	ALLIANT TECHSYSTEMS	Mar-02	Mar-03	YES	
FY 2003	699960	0.10	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	
FY 2004	962160	0.11	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Nov-04	NO	Jul-03
FY 2005	962160	0.11	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Nov-05	NO	Jul-04

D. REMARKS

NOTE: All items shown are priced with available GFM.

CLASSIFICATION:

# UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								February 2003		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					SMALL ARMS AND LANDING PARTY AMMUNITION				11AH	
					BLIN: 033500					
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 CONTINUED										
5.56MM CARTRIDGES										
CTG., 5.56MM Match AA53										
FY 2004	300000	0.50	CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Apr-04	Apr-05	NO	Jul-03
FY 2005	300000	0.52	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04
7.62MM CARTRIDGES										
CTG, 7.62MM, LKD, BALL AND TRACER A131										
FY 2003	3248000	0.45	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	
FY 2004	3537600	0.45	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Nov-04	NO	Jul-03
FY 2005	3083200	0.47	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Nov-05	NO	Jul-04
CTG, 7.62MM, LKD A165										
FY 2003	700500	0.43	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	
FY 2004	1450500	0.43	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Nov-04	NO	Jul-03
FY 2005	1450500	0.47	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Nov-05	NO	Jul-04

D. REMARKS

NOTE: All items shown are priced with available GFM.

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2003		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE SMALL ARMS AND LANDING PARTY AMMUNITION 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 CONTINUED										
9MM CARTRIDGES										
CTG, 9MM, BALL A363										
FY 2000	516000	0.11	OSC ROCK ISLAND	Oct-99	MIPR	OLIN CORP	Jun-02	Mar-03	YES	
FY 2002	15900000	0.11	OSC ROCK ISLAND	Oct-01	MIPR	OLIN CORP	Mar-02	Jul-02	YES	
FY 2003	32646000	0.11	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Aug-03	YES	
FY 2004	8000000	0.11	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Aug-04	NO	Jul-03
FY 2005	23176000	0.11	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Aug-05	NO	Jul-04
CTG, 9MM, FX, MARKING, RED AA12										
FY 2003	700000	0.44	CRANE NAVY SUPPLY	Oct-02	CONTRACT	UNKNOWN	Mar-03	Nov-03	YES	
FY 2004	700000	0.39	CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Dec-03	Nov-04	NO	Jul-03
FY 2005	700000	0.40	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Dec-04	Nov-05	NO	Jul-04
CTG, 9MM, FRANGIBLE AA16										
FY 2003	1800000	0.33	CRANE NAVY SUPPLY	Oct-02	CONTRACT	UNKNOWN	Apr-03	Apr-04	YES	
FY 2005	1000000	0.37	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Oct-06	NO	Jul-04

D. REMARKS

NOTE: All items shown are priced with available GFM.

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								February 2003		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					SMALL ARMS AND LANDING PARTY AMMUNITION				11AH	
					BLIN: 033500					
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 CONTINUED										
.50 CAL CARTRIDGES										
CTG, .50 CAL, LKD, BALL A555										
FY 2002	470000	1.71	OSC ROCK ISLAND	Oct-01	MIPR	LAKE CITY AAP	Mar-02	Mar-03	YES	
FY 2003	180000	1.56	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	
FY 2004	250000	1.75	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Nov-04	NO	Jul-03
FY 2005	200000	1.78	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Nov-05	NO	Jul-04
CTG, .50 CAL, LKD & TRACER A557										
FY 2001	1358000	1.80	OSC ROCK ISLAND	Oct-00	MIPR	ALLIANT TECHSYSTEMS	Feb-01	Feb-02	YES	
FY 2001	213600	1.90	OSC ROCK ISLAND	Oct-00	MIPR	LAKE CITY AAP	May-02	Mar-03	YES	
FY 2001	67600	1.84	OSC ROCK ISLAND	Oct-00	MIPR	UNKNOWN	Mar-03	Mar-03	YES	
FY 2003	550000	1.74	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	
FY 2004	600000	1.79	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Nov-04	NO	Jul-03
FY 2005	600000	1.88	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Nov-05	NO	Jul-04
CTG, .50 CAL, MK 211, APIT, M20 4 & 1 LK AA06										
FY 1999	166200	2.74	OSC ROCK ISLAND	Oct-98	MIPR	ALLIANT TECHSYSTEMS	May-01	Mar-03	YES	
FY 2000	815800	2.73	OSC ROCK ISLAND	Oct-99	MIPR	ALLIANT TECHSYSTEMS	May-01	Mar-03	YES	
FY 2000	623000	3.41	OSC ROCK ISLAND	Oct-99	MIPR	ALLIANT TECHSYSTEMS	Sep-01	Mar-03	YES	
FY 2001	621600	6.08	OSC ROCK ISLAND	Oct-00	MIPR	ALLIANT TECHSYSTEMS	Sep-02	Mar-03	YES	
FY 2002	497200	6.09	OSC ROCK ISLAND	Oct-01	MIPR	ALLIANT TECHSYSTEMS	Sep-02	Mar-03	YES	
FY 2003	1302800	6.01	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	
FY 2004	1613900	6.21	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Dec-03	Nov-04	NO	Jul-03
FY 2005	2164400	6.32	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Dec-04	Nov-05	NO	Jul-04

D. REMARKS

NOTE: All items shown are priced with available GFM.

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: <b>February 2003</b>			
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>PYROTECHNICS AND DEMOLITION MATERIAL</b>					
Program Element for Code B Items: <b>SUBHEAD NO. 11AJ</b>								Other Related Program Elements <b>BLIN: 034000</b>					
	Prior Years	ID Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY													
COST (In Millions)				<b>\$8.3</b>	<b>\$10.2</b>	<b>\$10.5</b>	<b>\$10.3</b>	<b>\$14.2</b>	<b>\$10.6</b>	<b>\$10.9</b>	<b>\$11.1</b>		
<b>ITEM DESCRIPTION/JUSTIFICATION:</b>													
<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><b>PROCUREMENT:</b> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.</p> <p><b>PRODUCTION ENGINEERING:</b> 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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<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE: <b>February 2003</b>			
<b>P-40</b>													
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>PYROTECHNICS AND DEMOLITION MATERIAL</b>					
Program Element for Code B Items: <b>SUBHEAD NO. 11AJ</b>								Other Related Program Elements <b>BLIN: 034000</b>					
	Prior Years	ID Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY													
COST (In Millions)				<b>\$8.3</b>	<b>\$10.2</b>	<b>\$10.5</b>	<b>\$10.3</b>	<b>\$14.2</b>	<b>\$10.6</b>	<b>\$10.9</b>	<b>\$11.1</b>		
<u>CONTINUED:</u>													
<u>PRODUCT IMPROVEMENT:</u> 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.													
<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.													
<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.													
<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.													

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PROCUREMENT PROGRAM - RESERVE COMPONENTS P-1R				Weapon System									DATE: February 2003		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 034001		P-1 ITEM NOMENCLATURE/SUBHEAD PYROTECHNICS AND DEMOLITION MATERIAL SUBHEAD NO. 11AJ									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AJ000	PYROTECHNICS AND DEMOLITION MATERIAL			17,500		84	6,212		82	14,068		83	7,059		84
			0		84			82			83				84

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CLASSIFICATION:

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<b>WEAPONS SYSTEM COST ANALYSIS</b> P-5		Weapon System		DATE: <b>February 2003</b>
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>		ID Code <b>034000</b>	P-1 ITEM NOMENCLATURE/SUBHEAD <b>PYROTECHNICS AND DEMOLITION MATERIAL</b> <b>SUBHEAD NO. 11AJ</b>	

COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2002			FY 2003			FY 2004			FY 2005			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
AJ100	SIGNALS															
	SIGNAL, ILLUM, MARINE, RED, C	L191											7,704	78.32	603	
	SIGNAL, ILLUM, MARINE, YELLOW	L192											4,992	78.32	391	
	SIGNAL, ILLUM, MARINE, RED ST	L193											8,664	82.61	716	
	MARKER, LOCATION, SUB, MK 120	L259		191	1090.55	208				580	1033.55	599				
	MARKER, LOCATION, SUB, MK 121	L260		191	1090.55	208										
	SIG, SMK ILLUM, MAR, MK124/13	L283					29,988	57.41	1,722	39,996	58.40	2,336				
	SIG, SMK ILLUM, MAR, MK 117,	LA26											1,000	1255.14	1,255	
	MARKER, LOCATION, SUB, MK 66/	LA28		549	1359.23	746										
	MINE CHARGES & CHARGE CUTTERS															
	MAIN CHARGE DISRUPTOR	DWDF		2,004	55.33	111				3,000	46.54	140				
	LIGHTWEIGHT DISPOSABLE DISRUP	DWDN		3,000	111.00	333										
	CHG, DML, BLK, M118, PETN, 2L	M024											2,500	54.65	137	
<b>SUBTOTAL (PAGE 1 OF P5)</b>						<b>1,606</b>			<b>1,722</b>			<b>3,075</b>			<b>3,102</b>	

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P-1 SHOPPING LIST

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<b>WEAPONS SYSTEM COST ANALYSIS</b> P-5				Weapon System				DATE: <b>February 2003</b>			
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>				ID Code <b>034000</b>	P-1 ITEM NOMENCLATURE/SUBHEAD <b>PYROTECHNICS AND DEMOLITION MATERIAL</b> <b>SUBHEAD NO. 11AJ</b>						

COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2002			FY 2003			FY 2004			FY 2005			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
AJ100	CONTINUED															
	DET CORDS, CAPS & FUZES	ACFD														
	ACOUSTIC FIRING DEVICE	DWEI		166	2000.00	332	1,754	2215.00	3,885	575	2253.10	1,296				
	SHOCK TUBE INITIATOR	DWEJ		1,000	97.27	97										
	30FT 175MS DELAY DET	DWEK				22										
	16FT 200MS DELAY DET	DWEL				22										
	12FT 17MS DELAY DET	DWEM				22										
	12FT 42MS DELAY DET	DWEN				22										
	12FT 25MS DELAY DET	M131								40,160	9.11	366				
	CAP, BLASTING, NON-ELEC, M7	M456								1,000,000	0.23	230				
	CORD, DETONATING, PRIMACORD,	M670		328,000	0.16	52										
	FUZE, BLASTING, TIME	MG61								9,000	47.67	429				
	SQUIB, ELECTRIC, MK 20 MOD 0	ML06		97	17316.04	1,680							50	18624.53	931	
	RADIO FIRING DEVICE (RFD) MK	ML83				45				30,020	62.75	1,884	20,000	63.83	1,277	
	BLASTING CAP, ELEC, MK11	MN29				121										
	FIRING DEVICE, KIT, MK 48/MK	MN44				85										
	FIRING DEVICE, MK 59	MN51				55										
	NON-EL DET W/IN-LINE INITIATO	MN54				109										
	NON-EL DET W/IN-LINE INITIATO	MN81					1,836	852.11	1,564				1,987	881.68	1,752	
	MK62 FIRING DEVICE															
	<b>SUBTOTAL (PAGE 2 OF P5)</b>					<b>2686</b>			<b>5449</b>			<b>4205</b>				<b>3960</b>
<b>TOTAL</b>						<b>4,292</b>			<b>7,171</b>			<b>7,280</b>				<b>7,062</b>

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P-1 SHOPPING LIST  
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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2003				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 034000	P-1 ITEM NOMENCLATURE/SUBHEAD PYROTECHNICS AND DEMOLITION MATERIAL SUBHEAD NO. 11AJ												
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS														
			Prior Years	FY 2002			FY 2003			FY 2004			FY 2005				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
AJ100	CONTINUED																
	CUTTERS & CARTRIDGES																
	ULTRA VELOCITY CARTRIDGES	AA62		11,000	5.36	59											
	AVON CARTRIDGES	AA63		12,000	5.86	70											
	"POPPER" BLANK CARTRIDGES	AA64		13,000	1.61	21											
	CTG, 12GA, BLACK POWDER BLANK	AA66		15,000	2.18	33											
	CTG, 38 GRAM, CO2	AWAB				68											
	CLAYVON CARTRIDGES	CLVN		15,200	6.77	103											
	CTG, 12GA, ENHANCED BLANK, MK	DWEC		15,000	3.73	56											
	CTG, 12GA, STEEL SLUG, MK 279	DWED		15,000	5.93	89											
	CTG, 12GA, ALUMINUM SLUG, MK	DWEE		15,000	5.93	89											
	CTG, 50 CAL, MK209	SS01				22											
	SHOCK TEST CHARGES																
	SHOCK TEST CHARGE, 60 LB	XW65		300	1345.71	404	450	1414.78	637	450	1749.57	787	450	1780.28	801		
	PE/QA SMCA					26			6			20					37
AJ830	PRODUCTION ENGINEERING					1,025			1,070			1,055					1,071
AJ850	PRODUCT IMPROVEMENT					1,695			959			975					989
AJ893	RENOVATION COMPONENTS					106			108			110					111
AJ894	GAUGE REQUIREMENTS								16			46					47
AJ895	NON-STANDARD					190			193			196					200
	<b>SUBTOTAL (PAGE 3 OF P5)</b>					<b>4056</b>			<b>2989</b>			<b>3189</b>					<b>3256</b>
<b>TOTAL</b>						<b>8,348</b>			<b>10,160</b>			<b>10,469</b>					<b>10,318</b>

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2003		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL 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										
SIGNALS										
SIGNAL, ILLUM, MARINE, RED, COMET L191										
FY 2005	7704	78.32	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04
SIGNAL, ILLUM, MARINE, YELLOW COMET L192										
FY 2005	4992	78.32	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04
SIGNAL, ILLUM, MARINE, RED STAR MK1 L193										
FY 2005	8664	82.61	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Feb-06	NO	Jul-04
MARKER, LOCATION, SUB, MK 120/23, GREEN L259										
FY 2001	593	1016.07	NSWC CRANE	Oct-00	CONTRACT	CRANE AAA	Mar-01	Mar-03	YES	
FY 2002	191	1090.55	NSWC CRANE	Oct-01	CONTRACT	CRANE AAA	Mar-02	Oct-03	YES	
FY 2004	580	1033.55	NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Oct-05	NO	Jul-03
SIG, SMK ILLUM, MAR, MK124/13, DISTRESS L283										
FY 2003	29988	57.41	NSWC CRANE	Oct-02	CONTRACT	UNKNOWN	Apr-03	Oct-04	YES	
FY 2004	39996	58.40	NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Oct-05	NO	Jul-03
SIG, SMK ILLUM, MAR, MK 117, GREEN LA26										
FY 1999	137	1213.06	NSWC CRANE	Oct-98	CONTRACT	CRANE AAA	Mar-01	Mar-03	YES	
FY 2000	463	1213.06	NSWC CRANE	Oct-99	CONTRACT	CRANE AAA	Mar-01	Mar-03	YES	
FY 2005	1000	1255.14	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Oct-06	NO	Jul-04

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					PYROTECHNICS AND DEMOLITION MATERIAL				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 & CHARGE CUTTERS MAIN CHARGE DISRUPTOR DWDF											
FY 2000	5000	42.76	NSWC CRANE	Oct-99	CONTRACT	DIVERSIFIED MANUFACTURI	Dec-00	Mar-03	YES		
FY 2002	2004	55.33	NSWC CRANE	Oct-01	CONTRACT	DIVERSIFIED MANUFACTURI	Aug-02	Apr-03	YES		
FY 2004	3000	46.54	NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Apr-05	NO	Jul-03	
CHG, DML, BLK, M118, PETN, 2LB M024											
FY 2005	2500	54.65	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Apr-05	Feb-06	NO	Jul-04	
DET CORDS, CAPS & FUZES ACOUSTIC FIRING DEVICE ACFD											
FY 2002	166	2000.00	NSWC CRANE	Oct-01	CONTRACT	UNKNOWN	Apr-03	Oct-03	YES		
FY 2003	1754	2215.00	NSWC CRANE	Oct-02	CONTRACT	UNKNOWN	Apr-03	Oct-04	YES		
FY 2004	575	2253.10	NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Oct-05	NO	Jul-03	
CAP, BLASTING, NON-ELEC, M7 M131											
FY 2004	40160	9.11	NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Feb-05	NO	Jul-03	
CORD, DETONATING, PRIMACORD, PETN M456											
FY 2004	1000000	0.23	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Jun-04	Jan-05	NO	Jul-03	
SQUIB, ELECTRIC, MK 20 MOD 0 MG61											
FY 1995	3440	64.96	NSWC CRANE	Oct-94	CONTRACT	NSWC INDIAN HEAD	Mar-97	Mar-03	YES		
FY 2004	9000	47.67	NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Apr-05	NO	Jul-03	

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>February 2003</b>		
B. APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>					C. P-1 ITEM NOMENCLATURE <b>PYROTECHNICS AND DEMOLITION MATERIAL BLIN: 034000</b>				SUBHEAD <b>11AJ</b>	
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 & FUZES										
RADIO FIRING DEVICE (RFD) MK 186 MOD 0 ML06										
FY 1999	8	17181.93	NSWC CRANE	Oct-98	CONTRACT	ROTHENBUHLER ENG	Sep-01	Mar-03	YES	
FY 2001	50	19581.93	NSWC CRANE	Oct-00	CONTRACT	ROTHENBUHLER ENG	Aug-01	Mar-03	YES	
FY 2002	97	17316.04	NSWC CRANE	Oct-01	CONTRACT	ROTHENBUHLER ENG	Aug-02	Apr-03	YES	
FY 2005	50	18624.53	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04
BLASTING CAP, ELEC, MK11 ML83										
FY 2000	44000	48.31	INDIAN HEAD	Oct-99	CONTRACT	STRESAU LABORATORY	Jun-00	Oct 02	YES	
FY 2004	30020	62.75	NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Apr-05	NO	Jul-03
FY 2005	20000	63.83	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04
MK62 FIRING DEVICE MN81										
FY 2003	1836	852.11	NSWC CRANE	Oct-02	CONTRACT	UNKNOWN	Apr-03	Apr-04	YES	
FY 2005	1987	881.68	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04
SHOCK TEST CHARGES										
SHOCK TEST CHARGE, 60 LB XW65										
FY 1999	304	1340.94	OSC ROCK ISLAND	Oct-98	MIPR	CRANE AAA	Jul-01	Mar-03	YES	
FY 2002	300	1345.71	OSC ROCK ISLAND	Oct-01	MIPR	CRANE AAA	Mar-02	Mar-03	YES	
FY 2003	450	1414.78	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Jan-04	YES	
FY 2004	450	1749.57	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Jan-04	Jan-05	NO	Jul-03
FY 2005	450	1780.28	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Jan-05	Jan-06	NO	Jul-04
D. REMARKS										
NOTE: All items shown are priced with available GFM.										



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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: <b>February 2003</b>					
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS BA-1: NAVY AMMUNITION</b>								P-1 ITEM NOMENCLATURE <b>MINE NEUTRALIZATION DEVICES/035000/71U4</b>					
Program Element for Code B Items:								Other Related Program Elements <b>0204302N</b>					
	FY 2001 and Prior	ID Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
EQUIPMENT COST	<b>\$35.4</b>	A		<b>\$4.9</b>	<b>\$2.7</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>N/A</b>	<b>\$7.6</b>
SPARES COST (In Millions)				<b>\$0.8</b>	<b>\$0.5</b>	<b>\$0.5</b>	<b>\$0.5</b>	<b>\$0.5</b>	<b>\$0.5</b>	<b>\$0.5</b>	<b>\$0.5</b>	<b>CONT.</b>	<b>CONT.</b>
<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 MK-52 Cable Grip Release, MK-57 Destructor and floats to neutralize moored mines in place.</p> <p>Explosive Loading (U4002) - The MK-57 Destructor, used in both MP-2 and MP-3, is delivered as an empty case. The MK-57 destructor is then loaded with underwater explosive bought under cost code U4002 to make a full up MK-57 explosive destructor.</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 consists of a MK-52 Cable Grip Release, MK-57 destructor along with floats to neutralize moored mines in place.</p> <p>Engineering Change Kits (U4008) - REC/ Enable Kits</p> <p style="padding-left: 40px;">Adjustments made in FY03 to reflect program termination.</p>													

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System			DATE: February 2003								
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA-1: NAVY AMMUNITION				ID Code A	P-1 ITEM NOMENCLATURE/SUBHEAD MINE NEUTRALIZATION DEVICES/035000/71 U4										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	MINE WARFARE, N852														
U4002	EXPLOSIVE LOADING		3,827			0			996						
U4005	MK 57 BOMBLET	A	9,788			0	0	0.00	0						
U4007	MP-3 DEVICE*	A	13,016	62	52.00	3,835									
U4008	ENGINEERING CHANGE KITS								63						
U4830	PRODUCTION ENGINEERING		3,614			595			1,150						
U4840	QUALITY ASSURANCE		467			108			0						
U4860	ACCEPTANCE TEST & EVALUATION		3,722			331			320						
U4900	CONSULTING SERVICES		954			62			150						
* FY02 funding also includes \$611K of Engineering Change Proposals															
			35,388			4,931			2,679			0			0

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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
<b>FISCAL YEAR 2002</b> U4007/MP-3 DEVICE	62	52.00	NAVSEA	N/A	OPTION	Raytheon Portsmouth, RI	3/02	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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<b>BUDGET ITEM JUSTIFICATION SHEET</b>				DATE:								
<b>P-40</b>				<b>February 2003</b>								
APPROPRIATION/BUDGET ACTIVITY				P-1 ITEM NOMENCLATURE								
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS				<b>Ammunition less than \$5 million (J1A5) 040000</b>								
Program Element for Code B Items:			Other Related Program Elements									
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY											continuing	continuing
COST (In Millions)	\$8.2	A	\$1.3	\$3.1	\$2.2	\$3.2	\$3.2	\$1.2	\$3.2	\$3.2	continuing	continuing
<b>Beginning FY 2000 Marine Location Markers is under the heading of Ammunition less than \$5 million</b>												
<p>Ammunition Less than \$5 Million</p> <p>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>												
			<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>	<u>FY06</u>	<u>FY07</u>	<u>FY08</u>	<u>FY09</u>		
NAVY RESERVE (FY02-09 is below 26K)			\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		

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DGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a					DATE: February 2003							
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					P-1 ITEM NOMENCLATURE Ammunition less than \$5 million (J1A5) 04000							
Procurement Items	ID Code	Prior Years*	FY 2002	FY 2003	FY 2004	FY 2005					To Complete	Total
<b>Marine Location Markers</b>												
MK 58 MLM	A										Continuing	Continuing
Quantity		8658	1687	9799	6266	10168						
Funding		\$2,026	\$411	\$2,319	\$1,530	\$2,528						
Other Costs		\$6,184	\$918	\$740	\$643	\$632						
Total P-1 Funding		\$8,210	\$1,329	\$3,059	\$2,173	\$3,160					Continuing	Continuing
*FY 2001 and prior funded under the Procurement of Ammunition, Navy and Marine Corp (PANMC), Other Procurement, Navy (OPN), and Weapons Procurement, Navy (WPN) Line Item Marine Location Markers.												
		PES - CR	705	628	529	517						
		PES - PAX	10	10	10	10						
		PES/CSS	50	47	49	50						
		ILS	27	29	29	29						
		NSI	13	13	13	13						
		REN COMP	13	13	13	13						
		PIP	100	0	0	0						
			918	740	643	632						

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<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE:			
<b>P-40</b>										<b>February 2003</b>			
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>								P-1 ITEM NOMENCLATURE <b>CAWCF CLOSURE COSTS</b>					
Program Element for Code B Items: <b>SUBHEAD NO. 11AM</b>								Other Related Program Elements <b>BLIN: 041500</b>					
	Prior Years	ID Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY													
COST (In Millions)				<b>\$6.8</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>		
<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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CLASSIFICATION: **UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2003				
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 2002			FY 2003			FY 2004			FY 2005				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
AM100	CAWCF CLOSURE COSTS NAVSEA						2,903										
AM200	CAWCF CLOSURE COSTS NAVAIR						3,894										
			0			6,797			0			0					0

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