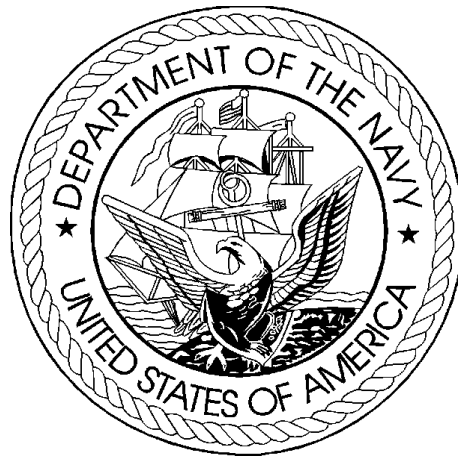


DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2006/FY 2007
BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES
FEBRUARY 2005

PROCUREMENT OF AMMUNITION,
NAVY AND MARINE CORPS
BUDGET ACTIVITY 1

UNCLASSIFIED

DEPARTMENT OF THE NAVY
FY 2006 PROCUREMENT PROGRAM

EXHIBIT P-1

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

DATE: FEBRUARY 2005

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2004		FY 2005		FY 2006		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BUDGET ACTIVITY 01: PROC AMMO, NAVY									

NAVY AMMUNITION									
1	GENERAL PURPOSE BOMBS	A		163.3		180.8		135.4	U
2	JDAM	B	12422	264.9	6620	150.6	3400	82.6	U
3	AIRBORNE ROCKETS, ALL TYPES	A		26.6		34.0		35.2	U
4	MACHINE GUN AMMUNITION	A		17.8		32.5		23.7	U
5	PRACTICE BOMBS	A		46.6		53.4		56.6	U
6	CARTRIDGES & CART ACTUATED DEVICES	A		29.0		29.5		32.6	U
7	AIRCRAFT ESCAPE ROCKETS	A		10.4		10.7		10.9	U
8	AIR EXPENDABLE COUNTERMEASURES	A		52.4		48.5		70.2	U
9	JATOS	A		4.4		4.5		4.6	U
10	5 INCH/54 GUN AMMUNITION	A		12.7		19.7		25.9	U
11	EXTENDED RANGE GUIDED MUNITIONS (ERGM)	B		2.9		.5			U
12	76MM GUN AMMUNITION	A		1.2		1.1			U
13	INTERMEDIATE CALIBER GUN AMMUNITION	A						1.3	U
14	OTHER SHIP GUN AMMUNITION	A		19.2		19.1		40.1	U
15	SMALL ARMS & LANDING PARTY AMMO	A		17.8		23.1		35.6	U
16	PYROTECHNIC AND DEMOLITION	A		10.1		10.1		13.9	U
17	JUDGMENT FUND	A		20.2					U
18	AMMUNITION LESS THAN \$5 MILLION	A		2.1		3.1		3.2	U
TOTAL PROC AMMO, NAVY				701.5		621.2		571.5	
TOTAL PROCUREMENT OF AMMO, NAVY & MARINE CORPS				701.5		621.2		571.5	

UNCLASSIFIED

PAGE N-3

**Fiscal Year 2006 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] *law*, 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, [\$888,340,000] \$872,849,000, to remain available for obligation until September 30, [2007] 2008, of which \$19,562,000 shall be available for the Navy Reserve and Marine Corps Reserve. (*Department of Defense Appropriations Act, 2005.*)

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							P-1 ITEM NOMENCLATURE General Purpose Bombs (BLI 014500)					
Program Element for Code B Items: B.A.1 - Navy Ammunition							Other Related Program Elements					
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)	\$802.9	A	\$163.3	\$180.8	\$135.4	\$148.7	\$138.5	\$115.7	\$119.0	\$122.4	Cont	Cont
Non Add DERF	\$316.0											
<p>The <u>BLU-111 (FY 04, FY 05, FY 06 and FY 07)</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 (FY 04, FY 05, FY 06 and FY 07)</u>: Procurement will be combined with warheads and fuzes from inventory. These procurements are to accommodate training and improve the war reserve posture. The LGB production rate in FY05 was reduced to minimum sustaining rate.</p> <p>The <u>BSU-33 Conical Fins, BSU-86A/B Fins, BSU-85 Fins and MK 83 Conical Fins (FY 04, FY 05, FY 06 and FY 07)</u>: Procurement is to replace expenditures and to maintain war reserve.</p> <p>The <u>BLU-117/B (FY03) and BLU-110A/B (FY 05, FY 06 and FY07)</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 last buy for the BLU-117/B is FY03. 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-FY07)</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 04, FY 05, FY 06 and FY07 buy of end items.</p> <p><u>Dual Mode Bomb Kits (FY04)</u>: A Congressional add in FY04.</p> <p><u>FUZES</u>: The fuze line in FY05, FY06, and FY07 was transitioned from JDAM to procure the FMU-143, FMU-139, DSU-33, FMU-140, FMU-159, FMU-152 or the M904.</p> <p><u>Bomb Subcomponents</u>: The Bomb Subcomponents line is created in FY05 through FY07 to procure Arming Wires, adapters, lugs, nose plugs, etc.</p>												

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS										DATE: February 2005		
P-40a							P-1 ITEM NOMENCLATURE					
APPROPRIATION/BUDGET ACTIVITY							General Purpose Bombs (BLI 014500)					
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS												
Procurement Items	ID Code	Prior Years*	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
LGB AFG(MXU-667/B/MXU-650/B)	A	--										
QTY			8,782	5,536	3,228	3,150						
Funding			\$29,006	\$19,194	\$11,471	\$11,474					Cont	Cont
LGB GUIDANCE UNIT(MAU-169/MAU-209 GU)	A	--										
QTY			8,782	5,536	3,228	3,150						
Funding *			\$43,567	\$41,051	\$24,535	\$24,541					Cont	Cont
BLU-111A/B PBX LOAD	A	--										
QTY			25,333	24,236	7,100	9,400						
FUNDING			\$66,375	\$62,148	\$18,595	\$25,165					Cont	Cont
BLU-110A/B PBX LOAD (F288)	A	--										
QTY			0	1,852	6,460	5,361						
FUNDING			\$0	\$10,034	\$35,700	\$30,287					Cont	Cont
MK 77 Firebomb	A	--										
QTY			456	500	500	500					Cont	Cont
FUNDING			\$1,802	\$1,849	\$1,895	\$1,942						
BSU-86A/B	A	--										
QTY			6,675	3,103	9,600	11,185						
FUNDING			\$7,576	\$3,526	\$11,081	\$13,139					Cont	Cont
BSU-33 Conical Fins	A	--										
QTY			13,200	26,000	16,000	16,000						
FUNDING			\$1,209	\$2,170	\$1,361	\$1,385					Cont	Cont
MK 83 Conical Fins	A	--										
QTY			1,000	5,000	5,500	6,000						
FUNDING			\$185	\$892	\$997	\$1,106					Cont	Cont
MK 84 Conical Fins	A	--										
QTY			0	0	0	8,000						
FUNDING			\$0	\$0	\$0	\$3,231					Cont	Cont
BSU-85	A	--										
QTY			1,250	5,080	3,395	3,399						
FUNDING			\$1,295	\$5,297	\$3,603	\$3,671					Cont	Cont
FMU-139 FUZE	A	--										
QTY			0	9,617	7,857	11,715						
FUNDING			\$0	\$7,578	\$6,346	\$9,699					Cont	Cont
MK 76 (E973)	A	--										
QTY			0	0	0	0						
FUNDING			\$0	\$0	\$0	\$0					Cont	Cont
BDU-48 (E962)	A	--										
QTY			0	0	0	0						
FUNDING			\$0	\$0	\$0	\$0					Cont	Cont
MK 82 INERT (F237)	A	--										
QTY			0	0	0	0						
FUNDING			\$0	\$0	\$0	\$0					Cont	Cont
MK 84 INERT	A	--										
QTY			0	0	0	0						
FUNDING			\$0	\$0	\$0	\$0					Cont	Cont
Bomb Subcomponents			\$0	\$5,000	\$5,125	\$5,253					Cont	Cont
Fuzes												
QTY				8700	4,915	5,188						
FUNDING			\$0	\$17,400	\$8,600	\$10,900					Cont	Cont
Dual Mode Bomb Kits			\$1,250	\$0	\$0	\$0					Cont	Cont
ALL OTHER SUPPORT		--	\$11,075	\$4,612	\$6,046	\$6,954					Cont	Cont
TOTAL P-1 FUNDING		\$802,931	163,340	180,751	135,355	148,747					Cont	Cont

*The LGB KITS (MAU169/MAU209 GU) INCLUDE \$2,574 FOR GBU RETROFIT.

P-1 SHOPPING LIST

CLASSIFICATION:

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CLASSIFICATION:

WEAPONS SYSTEM COST ANALYSIS							Weapon System			Date:					
P-5										FEBRUARY 2005					
APPROPRIATION/BUDGET ACTIVITY							ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD							
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS								GENERAL PURPOSE BOMBS (BLI 014500)							
B.A. 1 - Navy Ammunition															
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004		FY 2005			FY 2006			FY 2007			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
GENERAL PURPOSE BOMBS SUBTOTAL															
Q2191	BLU-111A/B PBX Load(F289)	A		25,333	2,620.11	78,442	24,236	2,564.28	110,894	7,100	2,619.03	88,178	9,400	2,677.11	100,525
Q2192	BLU-110A/B PBX LOAD (F288)	A		0	0	0	1,852	5,417.96	10,034	6,460	5,526.32	35,700	5,361	5,649.53	30,287
Q2194	MK 77 Bombs	A		456	3,951.56	1,802	500	3,698.00	1,849	500	3,790.00	1,895	500	3,884.00	1,942
Q2020	BSU-86A/B	A		7,668	988	7,576	3,103	1,136.23	3,526	9,600	1154.25	11,081	11,185	1,174.66	13,139
Q2010	BSU-33 Conical Fins(F782)	A		15,090	80.12	1,209	26,000	83.47	2,170	16,000	85.04	1,361	16,000	86.56	1,385
Q2030	MK 83 Conical Fins(EA96)	A		1,080	171.3	185	5,000	178.31	892	5,500	181.27	997	6,000	184.39	1,106
Q2031	BSU-85(1W73)	A		1,274	1016.48	1,295	5,080	1,042.70	5,297	3,395	1061.27	3,603	3,399	1,080.07	3,671
Q2032	FMU-139 FUZE	A		0	0	0	9,617	788.00	7,578	7,857	807.7	6,346	11,715	827.89	9,699
Q2037	MK84 Conical Fins	A		0	0	0	0	0	0	0	0	0	8,000	403.87	3,231
Q2196	Fuzes	A		0	0	0	8,700	2,000.00	17,400	4,195	2,050.00	8,600	5,188	2,101.00	10,900
LASER GUIDED BOMB KITS SUBTOTAL															
Q2180	AIR FOILS (MXU-650/B) (F763)	A		8,782	various	29,006	5,536	3,467.06	(19,194)	3,228	3,553.73	(11,471)	3,150	3,642.57	(11,474)
Q2180	GUIDANCE UNIT MAU-169 (FW94)/MAU-209	A		8,782	various	43,567	5,536	7,415.31	(41,051)	3,228	7,600.69	(24,535)	3,150	7,790.71	(24,541)
PROCUREMENT SPT. MODS. OTHER															
Q2800	ILS SUBTOTAL					400			400			600			600
	ILS (GP Bombs)					(200)			(200)			(300)			(300)
	ILS (GBU)					(200)			(200)			(300)			(300)
Q2830	PES/NAVY SUBTOTAL					5,153			3,662			4,836			5,604
	PES (GP Bombs)					(4142)			(1,331)			(1968)			(2,459)
	PES (GBU & LGB)					(1,011)			(2,331)			(2868)			(3,145)
	OTHER SUBTOTAL					5,522			550			610			750
Q2850	PIP					5,079			100			100			100
Q2892	Non Standard Items					100			100			100			200
Q2893	Renovation Components					150			100			160			200
Q2894	Gaging					193			250			250			250
Q2197	BOMB SUBCOMPONENTS					0			5,000			5,125			5,253
Q2830	DUAL MODE BOMB KITS					1,250			0			0			0
TOTAL			802,931			163,340			180,751			135,355			148,747

NOTE: Q2180 LGB KITS were awarded to Lockheed Martin/Raytheon for a total of \$70M. \$5.3M is being used to buy GBU-24B/B retrofit and FMU-139 PIP.

CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					General Purpose Bombs(BLI 014500)				J1Q2	
B.A.1 - NAVY AMMUNITION										
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (UUU)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
GENERAL PURPOSE BOMBS										
<u>Q2191 BLU-111A/B PBX Load</u>										
FY03	22,745	2,548.83	Rock Island, IL	Jan-03	C/FP	MCALESTER, AAP	Apr-03	Sep-04	YES	
FY03 (IFF)	4,912	2,548.83	Rock Island, IL	Jan-03	C/FP	MCALESTER, AAP	Sep-03	Oct-04	YES	
FY04	25,333	2,620.10	Rock Island, IL	Jan-04	C/FP	MCALESTER, AAP	Apr-04	Sep-05	YES	
FY05	24,236	2,564.28	Rock Island, IL	Jan-04	C/FP	MCALESTER, AAP	Apr-05	Sep-06	YES	
FY06	7,100	2,619.03	Rock Island, IL	TBD	C/FP	MCALESTER, AAP	Apr-06	Sep-07	YES	
FY07	9,400	2,677.11	Rock Island, IL	TBD	C/FP	MCALESTER, AAP	Apr-07	Sep-08	YES	
<u>Q2192 BLU-110A/B PBX LOAD</u>										
FY03 (IFF)	4,937	5,600.00	Rock Island, IL	Jan-04	C/FP	MCALESTER, AAP	Sep-03	Oct-04	YES	
FY05	1,852	5,417.96	Rock Island, IL	Jan-04	C/FP	MCALESTER, AAP	Apr-05	Sep-06	YES	
FY06	6,460	5,526.32	Rock Island, IL	TBD	C/FP	MCALESTER, AAP	Apr-06	Sep-07	YES	
FY07	5,361	5,649.53	Rock Island, IL	TBD	C/FP	MCALESTER, AAP	Apr-07	Sep-08	YES	
<u>Q2194 MK 77 BOMBS</u>										
FY03	437	3,951.56	Rock Island, IL	Sep-03	C/FP	TRIUMPH, INC	Nov-04	Aug-05	YES	
FY04	456	3,951.56	Rock Island, IL	Sep-04	C/FP	TRIUMPH, INC	Nov-04	Nov-05	YES	
FY05	500	3,698.00	Rock Island, IL	Sep-04	C/FP	UNKNOWN	Apr-05	Sep-06	YES	
FY06	500	3,790.00	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-06	Sep-07	YES	
FY07	500	3,884.00	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-07	Sep-08	YES	
<u>Q2020 BSU-86A/B</u>										
FY04	7,668	988.00	Rock Island, IL	Jan-04	C/FP	CAPCO, CO	Jan-04	Feb-05	YES	
FY05	3,103	1,136.23	Rock Island, IL	Jan-04	C/FP	UNKNOWN	Jan-05	Feb-06	YES	
FY06	9,600	1,154.25	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-06	Feb-07	YES	
FY07	11,185	1,174.66	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-07	Feb-08	YES	
<u>Q2010 BSU-33 Conical Fins</u>										
FY03	29,134	90.07	Rock Island, IL	Jan-03	C/FP	MTD, TN	Jan-03	Feb-04	YES	
FY04	15,090	80.12	Rock Island, IL	Jan-04	C/FP	MTD, TN	Jan-04	Feb-05	YES	
FY05	26,000	83.47	Rock Island, IL	Jan-04	C/FP	UNKNOWN	Jan-05	Feb-06	YES	
FY06	16,000	85.04	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-06	Feb-07	YES	
FY07	16,000	86.56	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-07	Feb-08	YES	
<u>Q2179 FMU-143E/B(F849)</u>										
FY03	1,426	2,422.86	Rock Island, IL	Jan-03	C/FP	DAYRON	Apr-03	Sep-04	YES	
<u>Q2030 MK 83 Conical Fins</u>										
FY03	5,372	194.40	Rock Island, IL	Jan-03	C/FP	MTD, TN	Jan-03	Feb-04	YES	
FY04	1,080	171.30	Rock Island, IL	Jan-04	C/FP	MTD, TN	Jan-04	Feb-05	YES	
FY05	5,000	178.31	Rock Island, IL	Jan-04	C/FP	UNKNOWN	Jan-05	Feb-06	YES	
FY06	5,500	181.27	Rock Island, IL	Jan-05	C/FP	UNKNOWN	Jan-06	Feb-07	YES	
FY07	6,000	184.39	Rock Island, IL	Jan-05	C/FP	UNKNOWN	Jan-07	Feb-08	YES	
<u>Q2037 MK 84 Conical Fins</u>										
FY07	8,000	403.87	Rock Island, IL	Jan-05	C/FP	UNKNOWN	Jan-07	Feb-08	YES	
<u>Q2031 BSU-85</u>										
FY03	2,552	849.92	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Dec-03	Jun-06	YES	
FY04	1,274	1,016.48	Rock Island, IL	Jan-04	C/FP	UNKNOWN	Dec-04	Nov-05	YES	
FY05	5,080	1,042.70	Rock Island, IL	Jan-04	C/FP	UNKNOWN	Jan-05	Feb-06	YES	
FY06	3,395	1,061.27	Rock Island, IL	Jan-05	C/FP	UNKNOWN	Jan-06	Feb-07	YES	
FY07	3,399	1,080.07	Rock Island, IL	Jan-05	C/FP	UNKNOWN	Jan-07	Jan-08	YES	
D. REMARKS:										

UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE FEBRUARY 2005			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A.1 - NAVY AMMUNITION					C. P-1 ITEM NOMENCLATURE General Purpose Bombs(BLI 014500)				SUBHEAD J1Q2	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
GENERAL PURPOSE BOMBS (Continued)										
<u>Q2032 FMU-139 Fuze</u>										
FY03 (IFF)	16,773	746.65	NAVAIR	Dec-03	SS/FP	KDI, OH	Sep-03	Oct-04	YES	
FY05	9,617	788.00	NAVAIR	Dec-04	C/FP	UNKNOWN	Apr-05	Feb-06	YES	
FY06	7,857	807.70	NAVAIR	Dec-05	C/FP	UNKNOWN	Apr-06	Feb-07	YES	
FY07	11,715	827.89	NAVAIR	Dec-05	C/FP	UNKNOWN	Apr-07	Feb-08	YES	
<u>Q2196 FUZES</u>										
FY05	8,700	2,000.00	Rock Island, IL	Jan-04	C/FP	UNKNOWN	Jan-05	Feb-06	YES	
FY06	4,195	2,050.00	Rock Island, IL	Jan-05	C/FP	UNKNOWN	Jan-06	Feb-07	YES	
FY07	5,188	2,101.00	Rock Island, IL	Jan-05	C/FP	UNKNOWN	Jan-07	Feb-08	YES	
<u>Q2033 MK 76</u>										
FY03	10,650	30.19	Rock Island, IL	Jan-03	C/FP	DELFASCO	Feb-03	Feb-04	YES	
<u>Q2034 BDU-48</u>										
FY03	18,020	45.06	Rock Island, IL	Jan-03	C/FP	MCALISTER, AAP	Feb-03	Feb-04	YES	
<u>Q2035 MK 82 INERT</u>										
FY03	1,542	1,121.96	Rock Island, IL	Jan-03	C/FP	MCALISTER, AAP	Feb-03	Feb-04	YES	
<u>Q2036 MK 84 INERT</u>										
FY03	1,000	3,050.00	Rock Island, IL	Jan-04	C/FP	MCALISTER, AAP	Feb-03	Feb-04	YES	
D. REMARKS:										

UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE FEBRUARY 2005				
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A.1 - NAVY AMMUNITION					C. P-1 ITEM NOMENCLATURE General Purpose Bombs(BLI 014500)			SUBHEAD J1Q2			
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE	
<u>Q2180 LASER GUIDED BOMBS KITS</u>											
<u>FY 04 Awards</u>											
FY04 (MXU-650/B)	1,750	Various	Hill AFB	Dec-02	C/FP	LMCO/RAYCO	Mar-04	Jun-05	YES		
FY04 (MXU-650/B)	7,032	Various	Hill AFB	Dec-02	C/FP	RAYTHEON	Mar-04	Oct-05	YES		
FY04 (MAU-209 CCG) *	1,750	Various	Hill AFB	Dec-02	C/FP	LMCO/RAYCO	Mar-04	Jun-05	YES		
FY04 (MAU-169 CCG) *	7,032	Various	Hill AFB	Dec-02	C/FP	RAYTHEON	Mar-04	Oct-05	YES		
<u>FY05 Awards</u>											
FY05 (MAU-169/209 CCG)	5,536	7,415.31	Hill AFB	TBD	C/FP	UNKNOWN	Mar-05	Oct-05	YES		
FY05 (MXU 650/B)	5,536	3,467.06	Hill AFB	TBD	C/FP	UNKNOWN	Mar-05	Oct-05	YES		
<u>FY06 Awards</u>											
FY06 (MAU-169/209 CCG)	3,228	7,600.69	Hill AFB	TBD	C/FP	UNKNOWN	Mar-06	Oct-06	YES		
FY06 (MXU-650/B)	3,228	3,553.73	Hill AFB	TBD	C/FP	UNKNOWN	Mar-06	Oct-06	YES		
<u>FY07 Awards</u>											
FY07 (MAU-169/209 CCG)	3,150	7,790.71	Hill AFB	TBD	C/FP	UNKNOWN	Mar-07	Oct-07	YES		
FY07 (MXU-650/B)	3,150	3,642.67	Hill AFB	TBD	C/FP	UNKNOWN	Mar-07	Oct-07	YES		
D. REMARKS: *The LGB KITS (MAU169/MAU209 GU) INCLUDE \$2,574 FOR GBU RETROFIT.											

CLASSIFICATION: **UNCLASSIFIED**

FY 2004/05 BUDGET PRODUCTION SCHEDULE, P-21											DATE											FEBRUARY 2005										
APPROPRIATION/BUDGET ACTIVITY											Weapon System											P-1 ITEM NOMENCLATURE										
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS																						GENERAL PURPOSE BOMBS (BLI 014500)										
		Manufacturer's Name and Location				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				1056	7200	12000/ann.			6		12		9		27		E													
LASER GUIDED BOMBS KITS		LOCKHEED				UNK	4800	8400			6		12		9		27		E													
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													
LGB KITS(MXU-650/B)			N				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	B A L	
LMCO		04		1750	0	1750																										0
RAYTHEON		04		7032	0	7032						A																			7032	
UNKNOWN		05		5536	0	5536						A											A								5536	
UNKNOWN		06		3228	0	3228																									3228	
UNKNOWN		07		3150	0	3150																									3150	
LGB KITS(MAU-169/MAU 209 CCG)			N																													
LMCO		04		1750	0	1750																										0
RAYTHEON		04		7032	0	7032																										7032
UNKNOWN		05		5536	0	5536																										5536
UNKNOWN		06		3228	0	3228																										3228
UNKNOWN		07		3150	0	3150																										3150
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													
LGB(MXU-650/B)			N				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	B A L	
RAYTHEON		04		7032	0	7,032	981	1215	1215	1215	1215	1191																				0
UNKNOWN		05		5536	0	5536	461	461	461	461	461	461	461	461	461	461	461	465														0
UNKNOWN		06		3228	0	3228													269	269	269	269	269	269	269	269	269	269	269	269	269	0
UNKNOWN		07		3150	0	3150																										3150
LGB KITS (MAU-169/MAU-269 CCG)			N																													
RAYTHEON		04		7032	0	7032	981	1215	1215	1215	1215	1191																				0
UNKNOWN		05		5536	0	5536	461	461	461	461	461	461	461	461	461	461	465															0
UNKNOWN		06		3228	0	3228													269	269	269	269	269	269	269	269	269	269	269	269	269	0
UNKNOWN		07		3150	0	3150																										3150

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 2005											
APPROPRIATION/BUDGET ACTIVITY										Weapon System										P-1 ITEM NOMENCLATURE											
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS										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			1056	7200	12000/ann.				6			12		9		27	E												
LASER GUIDED BOMBS KITS		LOCKHEED			UNK	4800	8400/ann.				6			12		9		27	E												
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	
						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		
LGB KITS (650/B)		N																													
UNKNOWN	07		3,150	0	3,150	262	262	262	262	262	262	262	262	262	262	268														0	
LGB KITS (MAU-169 G UNIT)		N																													
UNKNOWN	07		3,150	0	3,150	262	262	262	262	262	262	262	262	262	262	268													0		
Remarks:																															

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2005					
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:							Other Related Program Elements NONE					
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY	31,364	A	12,422	6,620	3,400	3,400	1,500	1,500	1,500	1,500	0	63,206
COST (\$M)	742.6		264.9	150.6	82.6	85.1	41.3	42.7	44.5	46.1	0.0	1500.3
Initial Spares (\$M)												
Total (\$M)	742.6		264.9	150.6	82.6	85.1	41.3	42.7	44.5	46.1	0.0	1500.3
Unit Cost (\$M)	0.024		0.021	0.023	0.024	0.025	0.028	0.028	0.030	0.031	0.000	0.024
DERF Quantity - Non Add	7,890											7,890
DERF Dollars - Non Add	161.1											161.1

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 will provide an accurate (13 meters) adverse weather capability. 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 (tail kits, fuzes and arming systems, warheads, and support equipment). FY03 and FY04 quantities were increased to meet wartime surge. FY05 through FY11 reflect quantities necessary to meet Non Nuclear Ordnance Requirements (NNOR). Selective Availability Anti-Spoofing Module (SAASM) will be incorporated into the FY 2005 production quantities, to be delivered in FY 2006. Beginning in FY05, Fuze money is moved to the Navy's GP Bombs PE. The JDAM FY06 and FY07 procurements support a contractually agreed minimum sustaining rate. The JDAM contractual agreement ends in FY07.

The total production buy for JDAM is 211,515 units (148,309 for USAF and 63,206 for Navy, not including any DERF). There is no requirement for initial spares because of the 20 year warranty.

CLASSIFICATION: **UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5	Weapon System	DATE: February 2005
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APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A.1 - Navy Ammunition	ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD JOINT DIRECT ATTACK MUNITION (JDAM) J1JD BLI 014800
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COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			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	628,883	12,422	19,621	243,727	6,620	21,145	139,978	3,400	21,770	74,017	3,400	22,644	76,991
JD200	FUZES *	A	26,679			10,000									
JD300	WARHEAD		28,363												
JD100	ENGINEERING CHANGE ORDERS (ECO)		0			2,832			3,615			2,747			2,849
	TOTAL RECURRING FLYAWAY		683,925	12,422	20,654	256,559	6,620	21,691	143,593	3,400	22,578	76,764	3,400	23,482	79,840
JD100	SCHEDULE ACCELERATION		1,457			0			0			0			0
JD830	PRODUCTION TECH SUPPORT		33,488			4,410			4,351			3,799			3,132
JD100	CONTRACTOR INCENTIVE		8,167			2,378			1,400			740			770
JD840	PRODUCTION TEST		2,789			358			256			262			267
JD100	AIRBORNE TEST EQUIPMENT		568			758			295			300			305
JD850	DATA		2			0			0			0			0
JD700	CABLES		720			0			0			0			0
	TOTAL NON-RECURRING		47,191			7,904			6,302			5,101			4,474
	TOTAL WEAPON FLYAWAY		731,116	12,422	21,290	264,463	6,620	22,643	149,895	3,400	24,078	81,865	3,400	24,798	84,314
JD940	LOAD/BUILDUP TRAINERS		857			0			0			0			0
JD960	TEST EQUIPMENT		4,350			0			0			0			0
JD970	ILS		5,300			353			557			568			580
JD990	TRAINING		794			0			97			99			102
JD920	DATA (TECHNICAL)		183			80			56			57			58
	TOTAL FLEET SUPPORT		11,484			433			710			724			740
	TOTAL WEAPON SYSTEM		742,600	12,422	21,325	264,896	6,620	22,750	150,605	3,400	24,291	82,589	3,400	25,016	85,054
	TOTAL PROGRAM COST		742,600	12,422	21,325	264,896	6,620	22,750	150,605	3,400	24,136	82,589	3,400	24,799	85,054

JD100	DERF (NON-ADD)		157,866												
JD200	AIR VEHICLE		3,055												
JD100	FUZES		166												
JD830	CONTRACTOR INCENTIVE		0												
	PRODUCTION TECH SUPPORT		0												
	TOTAL DERF		161,087												

Notes:
* FY2004 includes \$1.5M BTR to GP Bombs. FY2005 - FY2011 Fuze money is in GP Bombs PE.

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2005		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					C. P-1 ITEM NOMENCLATURE JOINT DIRECT ATTACK MUNITION BLI 014800			SUBHEAD J1JD		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
FY03 Lot 7 JDAM	12,280	19,738	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Mar 03	Mar 04	N/A ⁽¹⁾	N/A
FY04 Lot 8 JDAM	12,422	19,621	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 04	Mar 05	N/A ⁽¹⁾	N/A
FY05 Lot 9 JDAM	6,620	21,145	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 05	Mar 06	N/A ⁽¹⁾	N/A
FY06 Lot 10 JDAM	3,400	21,770	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 06	Mar 07	N/A ⁽¹⁾	N/A
FY07 Lot 11 JDAM	3,400	22,644	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 07	Mar 08	N/A ⁽¹⁾	N/A
D. REMARKS										
(1) SPECIFICATIONS HAVE BEEN WAIVED DUE TO JDAM'S STATUS AS AN ACQUISITION REFORM PILOT PROGRAM.										

FY 2006 BUDGET PRODUCTION SCHEDULE, P-21 DATE February 2005

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	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT		
JDAM	Boeing St. Louis, MO	9996	18000	36000	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 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	
Lot 10	06	N	3400	2560	840	24	144	250	250	172																	0			
Lot 10	06	AF	18008	10490	7518	1840	1680	1438	1280	1280																	0			
Lot 11	07	N	3400	0	3400						536	540	490	100	150	200	450	534	400								0			
Lot 11	07	AF	12873	0	12873						834	830	880	1270	1220	1170	920	836	886	1287	1370	1370					0			

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010												FISCAL YEAR 2011												B A L
						2010					CALENDAR YEAR 2010							CALENDAR YEAR 2011												
						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:
 MSR represents JOINT quantities (USN and USAF).
 Current USAF procurements reflect PB05; AF POM06 procurements have not been released.

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1							P-1 ITEM NOMENCLATURE (BLI 015100) AIRBORNE ROCKETS, ALL TYPES (J1Q5)					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (\$M)	\$100.8	A	\$26.6	\$34.0	\$35.2	\$15.6	\$37.2	\$37.4	\$38.2	\$39.0	Cont.	Cont.
<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 rocket motors, 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>Low Rate Initial Production (LRIP) procurement of Advanced Precision Kill Weapon System guidance sections begins in FY06.</p> <p>*Prior years figures reflect FY 01 to FY03. FY 00 and prior are in the 2.75" Rockets Line.</p>												

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a								DATE: February 2005			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1							P-1 ITEM NOMENCLATURE AIRBORNE ROCKETS, ALL TYPES (J1Q5)				
Procurement Items	ID Code	Prior Years	FY 2004	FY 2005	FY 2006	FY 2007				To Complete	Total
MK 66 Rkt Motor (HA07)	A										
Quantity		112,690	19,956	18,448	1,321	0					
Funding		\$47,788	\$9,050	\$8,500	\$617	\$0				Continuing	Continuing
MK 71 Rkt Motor (H547)	A										
Quantity		2,460	2,000	3,267	3,461	0					
Funding		\$13,300	\$8,000	\$13,279	\$14,320	\$0				Continuing	Continuing
M278 Warhead	A										
Quantity		1,520	0	0	0	0					
Funding		\$2,385	\$0	\$0	\$0	\$0				Continuing	Continuing
M229 HE Wrhd (MK 146)	A										
Quantity		0	0	2,000	2,171	0					
Funding		\$0	\$0	\$1,665	\$1,839	\$0				Continuing	Continuing
M255A1 Flechette Wrhd	A										
Quantity		0	0	5,284	2,001	0					
Funding		\$0	\$0	\$3,699	\$1,426	\$0				Continuing	Continuing
WTU-1/B Inert Wrhd (H663)	A										
Quantity		33,685	13,958	14,003	13,182	12,988					
Funding		\$1,277	\$518	\$528	\$506	\$549				Continuing	Continuing
LAU-61 Launcher	A										
Quantity		0	0	0	110	0					
Funding		\$0	\$0	\$0	\$801	\$0				Continuing	Continuing
MK 34 Warhead	A										
Quantity		6,962	3,698	0	3,200	0					
Funding		\$6,329	\$2,975	\$0	\$2,663	\$0				Continuing	Continuing

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: February 2005				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1							P-1 ITEM NOMENCLATURE AIRBORNE ROCKETS, ALL TYPES (J1Q5)				
Procurement Items	ID Code	Prior Years	FY 2004	FY 2005	FY 2006	FY 2007				To Complete	Total
Smokey SAM	A										
Quantity		9,108	3,500	3,516	3,200	0					
Funding		\$1,192	\$433	\$442	\$409	\$0				Continuing	Continuing
Advanced Precision Kill Weapon System	A										
Quantity		0	0	0	325	600					
Funding		\$0	\$0	\$0	\$8,079	\$12,000				Continuing	Continuing
Upgrade J147 to HA03	A	\$6,464	\$1,693	\$2,193	\$1,029	\$0				Continuing	Continuing
Misc Components		\$0	\$350	\$578	\$545	\$0				Continuing	Continuing
Non-Standard Items			\$0	\$40	\$40	\$40					
Renovation Components			\$100	\$88	\$60	\$60					
Containers		\$2,050	\$615	\$517	\$37	\$0				Continuing	Continuing
Support Costs		\$8,997	\$2,884	\$2,490	\$2,788	\$2,926				Continuing	Continuing
MK66 Rkt Mtr (IFF Supplemental)											
Quantity		24440									
Funding		\$10,262									
Containers (IFF Supplemental)											
Quantity		6709									
Funding		\$738									
Total P-1 Funding		\$100,782	\$26,618	\$34,019	\$35,159	\$15,575				Continuing	Continuing

CLASSIFICATION: **UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS		Weapon System		DATE:	
P-5				February 2005	
APPROPRIATION/BUDGET ACTIVITY		ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1		A	AIRBORNE ROCKETS, ALL TYPES (J1Q5)		
B.A.1 - Navy Ammunition			(BLI 015100)		

COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY2004		FY 2005			FY 2006			FY 2007			
			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	47,788	19,956	453.50	9,050	18448	460.75	8,500	1,321	469.05	617	0	0.00	0
Q5041	MK 71 Rocket Motor (H547)	A	13,300	2,000	4,000.00	8,000	3,267	4,064.00	13,279	3,461	4,137.15	14,320	0	0.00	0
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	2,000	832.32	1,665	2,171	847.30	1,839	0	0.00	0
Q5090	M255A1 Flechette Warhead	A	0	0	0.00	0	5,284	700.00	3,699	2,001	712.60	1,426	0	0.00	0
Q5030	WTU-1/B Inert Warhead (H663)	A	1,277	13,958	37.11	518	14003	37.71	528	13,182	38.38	506	12,988	42.27	549
Q5895	LAU-61 Launcher	A	0	0	0.00	0	0	0.00	0	110	7,282.80	801	0	0.00	0
Q5100	MK34 Smoke Warhead	A	6,329	3,698	804.49	2,975	0	817.36	0	3,200	832.07	2,663	0	0.00	0
Q5200	Smokey SAM	A	1,192	3,500	123.71	433	3516	125.69	442	3,200	127.96	409	0	0.00	0
QTBD	Adv. Precision Kill Weapon Sys	A	0	0	0.00	0	0	0.00	0	325	24,858.00	8,079	600	20,000.00	12,000
Q5050	Upgrade J147 to HA03		6,464			1,693			2,193			1,029			0
Q5051	Misc. Components		0			350			578			545			0
Q5892	Non-Standard Items		80			0			40			40			40
Q5893	Renovation Components		817			100			88			60			60
Q5052	Containers		2,050			615			517			37			0
Q5800	Integrated Logistics Support		978			224			340			340			340
Q5830	Production Engineering Support(PES)		2,796			1,282			1,082			1,147			1,324
Q5850	Product Improvement Program		4,326			1,378			1,068			1,301			1262
	IFF SUPPLEMENTAL														
Q5040	MK 66 Rocket Motor (HA07)	A	10,262												
Q5052	Containers		738												
TOTAL			100,782			26,618			34,019			35,159			15,575

DD FORM 2446, JUN 86

P-1 SHOPPING LIST

CLASSIFICATION:

ITEM NO. 3

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UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2005		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1					C. P-1 ITEM NOMENCLATURE AIRBORNE ROCKETS, ALL TYPES (BLI 015100)				SUBHEAD J1Q5	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
Q5040 MK 66 MOTORS (HA07)										
FY 04	19956	453.50	HUNTSVILLE	N/A	FFP	GENERAL DYNAMICS	May-04	Sep-06	YES	
FY 05	18448	460.75	HUNTSVILLE	N/A	FFP	GENERAL DYNAMICS	May-05	Nov-07	YES	
Q5041 MK 71 MOTORS (HA07)										
FY 04	2000	4,000.00	NAVAIR	N/A	PX	NSWC, IH	Apr-04	Apr-05	YES	
FY 05	3267	4,064.00	NAVAIR	N/A	PX	NSWC, IH	Apr-05	Apr-06	YES	
FY 06	3461	4,137.15	TBD	N/A	N/A	TBD	Apr-06	Apr-07	YES	
MK34 Smoke Warhead										
FY 04	3698	804.49	NAVAIR	N/A	PX	NSWC, IH	Apr-04	Apr-05	YES	
FY 05	0	817.36	NAVAIR	N/A	PX	NSWC, IH	Apr-05	Apr-06	YES	
FY 06	3200	832.07	NAVAIR	N/A	N/A	TBD	Apr-06	Apr-07	YES	
Adv. Precision Kill Weapon Sys										
FY 06	325	24,858.00	HUNTSVILLE	N/A	FFP	GENERAL DYNAMICS	Dec-05	May-07	NO	
FY 07	600	20,000.00	HUNTSVILLE	N/A	FFP	GENERAL DYNAMICS	Dec-06	May-08	NO	
D. REMARKS Pricing is provided by the Army and incorporates other services' buys.										

APPROPRIATION/BUDGET ACTIVITY **PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1** Weapon System **P-1 ITEM NOMENCLATURE AIRBORNE ROCKETS, ALL TYPES** (BLI 015100)

		Production Rate			Procurement Leadtimes						
Item	Manufacturer's Name and Location	MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure	
MK 66 Rocket Motor (HA07)	GENERAL DYNAMICS	1	14	20		7	18	18	25	K	
MK 71 Rocket Motor (H547)	NSWC, IH	1	8	15		6	12	19	18	K	

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	
	03	N	64.0	0.0	64.0															3.2						17.6	7.2	18.0	18.0	
MK66 Rkt Mtr/Gen Dyn	04	N	20.0	0.0	20.0							A																	20.0	
MK66 Rkt Mtr/Gen Dyn	05	N	18.4	0.0	18.4														A										18.4	
MK71 Rkt Mtr/NSWC IH	03	N	3.5	0.0	3.5															1.8									0.0	
MK71 Rkt Mtr/NSWC IH	04	N	2.0	0.0	2.0							A																	0.0	
MK71 Rkt Mtr/NSWC IH	05	N	3.3	0.0	3.3																		A						3.3	
MK71 Rkt Mtr/NSWC IH	06	N	3.5	0.0	3.5																								0.0	

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	
MK66 Rkt Mtr/Gen Dyn	03	N	64.0	46.0	18.0	18.0																							0.0	
MK66 Rkt Mtr/Gen Dyn	04	N	20.0	0.0	20.0																19.5								0.5	
MK66 Rkt Mtr/Gen Dyn	05	N	18.4	0.0	18.4																		1.5	1.5	1.5	1.5	1.5	1.5	1.5	
MK71 Rkt Mtr/NSWC IH	05	N	3.3	0.0	3.3																								0.0	
MK71 Rkt Mtr/NSWC IH	06	N	3.5	0.0	3.5								A																0.0	

Remarks:

FY 2006/2007 DON BUDGET PRODUCTION SCHEDULE, P-21						DATE		February 2005																												
APPROPRIATION/BUDGET ACTIVITY						Weapon System		P-1 ITEM NOMENCLATURE																												
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1																																				
						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 (HA07)	GENERAL DYNAMICS					1	14	20		7	18	18	25	K																						
ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2008												FISCAL YEAR 2009												BAL						
						2007						CALENDAR YEAR 2008						CALENDAR YEAR 2009																		
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP							
MK66 Rkt Mtr/Gen Dyn	05	N	18.4	17.0	1.5	1.5																										0.0				
ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2010												FISCAL YEAR 2011												BAL						
						2009						CALENDAR YEAR 2010						CALENDAR YEAR 2011																		
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP							
Remarks:																																				

APPROPRIATION/BUDGET ACTIVITY Weapon System
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 P-1 ITEM NOMENCLATURE
AIRBORNE ROCKETS, ALL TYPES (BLI 015100)

Item	Manufacturer's Name and Location	Production Rate			Procurement Leadtimes					Unit of Measure
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	
MK34 Smoke Warhead	NSWC, IH	1	2	8		6	12	20	18	K
Adv. Precision Kill Weapon Sys	GENERAL DYNAMICS	TBD	TBD	TBD		7	18	18	25	K

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2004												FISCAL YEAR 2005												BAL
						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	
						MK34 Smoke Warhead/NSWC IH	03	N	3.7	0.0	3.7																			
MK34 Smoke Warhead/NSWC IH	04	N	3.7	0.0	3.7									A														0.0		
MK34 Smoke Warhead/NSWC IH	05	N	0.0	0.0	0.0																A							0.0		
MK34 Smoke Warhead/NSWC IH	06	N	3.2	0.0	3.2																							3.2		
Adv. Prec. Kill Weap Sys/Gen Dyn	06	N	0.3	0.0	0.3																							0.3		
Adv. Prec. Kill Weap Sys/Gen Dyn	07	N	0.6	0.0	0.6																							0.6		

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2006												FISCAL YEAR 2007												BAL
						2005	CALENDAR YEAR 2006									CALENDAR YEAR 2007														
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
						MK34 Smoke Warhead/NSWC IH	05	N	0.0	0.0	0.0																			
MK34 Smoke Warhead/NSWC IH	06	N	3.2	0.0	3.2		A																					0.0		
Adv. Prec. Kill Weap Sys/Gen Dyn	06	N	0.3	0.0	0.3																							0.0		
Adv. Prec. Kill Weap Sys/Gen Dyn	07	N	0.6	0.0	0.6													A										0.6		

Remarks:

APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1	Weapon System	P-1 ITEM NOMENCLATURE
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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		
Adv. Precision Kill Weapon Sys	GENERAL DYNAMICS	TBD	TBD	TBD		7	18	18	25	K

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2008												FISCAL YEAR 2009												BAL
						2007						CALENDAR YEAR 2008						CALENDAR YEAR 2009												
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	
						C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	A	S	
Adv. Prec. Kill Weap Sys/Gen Dyn	07	N	0.6	0.0	0.6																									0.0

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2010												FISCAL YEAR 2011												BAL
						2009						CALENDAR YEAR 2010						CALENDAR YEAR 2011												
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	
						C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	A	S	

Remarks:

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET							DATE:					
P-40							February 2005					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/ BA-1							P-1 ITEM NOMENCLATURE MACHINE GUN AMMUNITION BLI 015500					
Program Element for Code B Items:					Other Related Program Elements							
	Prior Years*	ID Code	FY 2004	FY 2005**	FY 2006	FY 2007	FY2008	FY 2009	FY 2010	FY 2011	To Complete	Total
COST (In Millions)	\$98.9	A	\$17.8	\$32.5	\$23.7	\$16.2	\$24.6	\$24.8	\$25.4	\$25.9	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).</p> <p>Funds requested for the Product Improvement Program (PIP) are required for: (1) Raufoss Multi-Purpose Technology Study (RMATS). (2) Propellant studies to increase stability to eliminate increased pressure over time.</p> <p>*Reflects FY1995-FY2003 only. These programs were funded in FY94 and prior from the Weapons Procurement, Navy (WPN) and Other Procurement, Navy (OPN) accounts.</p> <p>** FY05 Includes Congressional add of \$7.0M for 20MM-BULK HEI.</p>												

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS							DATE: February 2005					
P-40a APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1				P-1 ITEM NOMENCLATURE MACHINE GUN AMMUNITION							BLI 015500	
Procurement Items	ID Code	Prior Years*	FY 2004	FY 2005	FY 2006	FY 2007					To Complete	Total
20MM BULK, TP												
Quantity	A	5,836,236	273,250	1,327,778	1,547,523	538,066					Continuing	Continuing
Funding		\$35,437	\$1,680	\$8,365	\$9,997	\$3,562						
20MM, BULK (LINKLESS), HEI												
Quantity	A	1,357,188	0	937,969	135,772	158,299					Continuing	Continuing
Funding		\$25,713	\$0	\$21,517	\$3,192	\$3,815						
20MM LINKED, TP,												
Quantity	A	1,214,654	271,800	0	0	529,856					Continuing	Continuing
Funding		\$10,409	\$2,777	\$0	\$0	\$5,892						
20MM, LINKED, HEI												
Quantity	A	187,300	427,800	0	283,458	0					Continuing	Continuing
Funding		\$4,464	\$10,859	\$0	\$7,557	\$0						
20MM, LINKED, HEI (OIF SUPPL)												
Quantity	A	55,300	0	0	0	0						
Funding		\$1,316	\$0	\$0	\$0	\$0						
20 MM LINKING EFFORT, TP, TPT												
Quantity	A	395,100	0	0	0	0						
Funding		\$756	\$0	\$0	\$0	\$0						
Other Costs		\$20,842	\$2,436	\$2,666	\$2,920	\$2,960					Continuing	Continuing
Total P-1 Funding		\$98,937	\$17,752	\$32,548	\$23,666	\$16,229						
*Reflects FY1995-FY2003 only. These programs were funded in FY94 and prior from the Weapons Procurement Navy (WPN) and Other Procurement Navy (OPN) accounts.												

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CLASSIFICATION: UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5										DATE: February 2005						
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA-1										P-1 ITEM NOMENCLATURE/SUBHEAD MACHINE GUN AMMUNITION BLI 015500						
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years*	FY 2001	FY2004			FY2005			FY 2006			FY2007		
			Total Cost	Unit 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	35,437	6.68	273,250	6.15	1,680	1,327,778	6.30	8,365	1,547,523	6.46	9,997	538,066	6.62	3,562
Q4050	20MM, BULK, HEI	A	25,713	-				937,969	22.94	21,517	135,772	23.51	3,192	158,299	24.10	3,815
Q4060	20MM LINK, TP	A	10,409	8.62	271,800	10.22	2,777						0	529,856	11.12	5,892
TBD	20MM, LINK HEI	A	4,464	24.13	427,800	25.38	10,859				283,458	26.66	7,557			
TBD	20MM, LINK HEI (OIF SUPPL)	A	1,316	-												
Q4050	20MM Linking Effort, TP,TPT	A	756	-												
Q4800	Integrated Logistics Support		2,229				185			565			575			605
Q4830	**Prod. Engr. Sup.-Navy		13,298				1,720			1,571			1,782			1,789
Q4850	Product Improvement Program		5,260				531			530			563			566
Q4894	Gaging		55													
*Reflects FY95-FY03 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. NOTE: Congressional funding received in FY-05 increased procurement quantities of 20MM-BULK HEI.																
TOTAL			98,937				17,752			32,548			23,666			16,229

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2005			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/ BA-1					C. P-1 ITEM NOMENCLATURE MACHINE GUN AMMUNITION BLI 015500					SUBHEAD J1Q4	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	IF YES WHEN AVAILABLE	
20MM BULK, TP											
FY04	273,250	6.15	ARMY IOC	N/A	FFP	GENERAL DYNAMICS	Jul-04	May-05	YES		
FY05	1,327,778	6.30	ARMY IOC	N/A	FFP	TBD	Apr-05	Oct-05	YES		
FY06	1,547,523	6.46	ARMY IOC	N/A	FFP	TBD	Apr-06	Oct-06	YES		
FY07	538,066	6.62	ARMY IOC	N/A	FFP	TBD	Apr-07	Oct-07	YES		
20MM, BULK, HEI											
FY05	937,969	22.94	ARMY IOC	N/A	FFP	TBD	Apr-05	Oct-05	YES		
FY06	135,772	23.51	ARMY IOC	N/A	FFP	TBD	Apr-06	Oct-06	YES		
FY07	158,299	24.10	ARMY IOC	N/A	FFP	TBD	Apr-07	Oct-07	YES		
20MM LINKED, TP											
FY02	273,090	9.43	ARMY IOC	N/A	FFP	GENERAL DYNAMICS	Sep-03	Jan-05	YES		
FY03	60,793	9.43	ARMY IOC	N/A	FFP	GENERAL DYNAMICS	Sep-03	Jan-05	YES		
FY04	271,800	10.22	ARMY IOC	FFP	TBD	Sep-04	Mar-05	YES			
FY07	529,856	11.12	ARMY IOC	N/A	FFP	TBD	Apr-07	Oct-07	YES		
20MM, LINKED, HEI											
FY04	427,800	25.38	ARMY IOC	N/A	FFP	TBD	Feb-04	Apr-04	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 2005						
APPROPRIATION/BUDGET ACTIVITY						Weapon System						
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA-1						P-1 ITEM NOMENCLATURE						
						MACHINE GUN AMMUNITION						
						BLI 015500						
Item	Manufacturer's Name and Location	MSR	Production Rate			Procurement Leadtimes					Total	Unit of Measure
			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	6	12	TH	
20MM, BULK, TP	ALLIANT TECH	66	270	790	6	6	6	6	6	12	TH	
20MM, BULK, HEI	TBD	66	270	790	6	6	6	6	6	12	TH	
20MM, LINK, TP	GENERAL DYNAMICS, MARION IL	66	270	790	6	6	6	6	6	12	TH	
20MM, LINK, HEI	TBD	66	270	790	6	6	6	6	6	12	TH	

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	
20MM, BULK, TP																														
GENERAL DYNAMICS	04	N	273.3	0.0	273.3																						0.0			
TBD	05	N	1327.8	0.0	1327.8																				A	191.0	82.3	1327.8		
TBD	06	N	1547.5	0.0	1547.5																						1547.5			
20MM, BULK, HEI																														
GENERAL DYNAMICS	05	N	938.0	0.0	938.0																					A	938.0			
GENERAL DYNAMICS	06	N	135.8	0.0	135.8																						135.8			
20MM, LINK, TP																														
GENERAL DYNAMICS	02	N	273.1	0.0	273.1																						0.0			
GENERAL DYNAMICS	03	N	60.8	0.0	60.8																				55.0	55.0	55.0	55.0	53.1	0.0
TBD	04	N	271.8	0.0	271.8																					60.8			0.0	
20MM, LINK, HEI																														
GENERAL DYNAMICS	04	N	427.8	0.0	427.8																					150.0	121.8	0.0		
20MM, LINK, HEI																														
GENERAL DYNAMICS	04	N	427.8	0.0	427.8																							0.0		

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	1327.8	0.0	1327.8	180.0	180.0	180.0	180.0	180.0	180.0	180.0	67.8															0.0		
TBD	06	N	1547.5	0.0	1547.5																							0.0		
TBD	07	N	538.1	0.0	538.1																							538.1		
20MM, BULK, HEI																														
GENERAL DYNAMICS	05	N	938.0	0.0	938.0	180.0	180.0	180.0	180.0	180.0	38.0																	0.0		
GENERAL DYNAMICS	06	N	135.8	0.0	135.8																						0.0			
TBD	07	N	158.3	0.0	158.3																						158.3			
20MM, LINK, TP																														
TBD	07	N	529.9	0.0	529.9																						529.9			

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

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET										DATE:		
P-40										February 2005		
APPROPRIATION/BUDGET ACTIVITY								P-1 ITEM NOMENCLATURE				
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS								PRACTICE BOMBS (J1Q1)(BLI 016000)				
Program Element for Code B Items:								Other Related Program Elements				
B.A.1 - Navy Ammunition												
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY2011	To Complete	Total
QUANTITY												
COST (In Millions)	\$351.3	A	\$46.6	\$53.4	\$56.6	\$49.9	\$61.0	\$62.2	\$63.6	\$64.9	CONT	CONT
<p>Practice Bombs are a low cost alternative to expenditures of live bombs for training. The MK 76 simulates an unretarded MK 80 series bomb. It is a 25 lb. cast iron shape with a breach hole for a MK 4 or CXU-3 signal which provides a smoke signal or flash upon impact. The BDU-48 simulates retard bombs. It is a 10 lb. thin cased cylindrical bomb with a breach hole for a MK 4 or CXU-3 signal which provides a smoke signal or flash upon impact. The BDU-48 NTP and MK 83 Inert are full-sized Practice Bombs. They are MK 80 series bomb bodies filled with an inert material and have the same weight, size, center of gravity and ballistics of a live bomb. The BDU-45 uses a CXU-4 signal cartridge for spotting location and simulates a 500 lb General Purpose 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. The LGTR production spike in FY05 was required to provide inventory sufficient to fill logistics pipeline.</p> <p>The Production Engineering Support and Integrated Logistics Support are continuing annualized efforts associated with ongoing procurements of the Practice Bombs associated Signal Cartridge, BDU-45/B, MK 76, LGTR, fins and other practice weapons. These efforts include maintenance of PDP (Procurement Data Packages), participation in post award conference, first article and quality assurance testing; ECP review/comments/recommendation, technical manual update, evaluation of engineering change proposal, and response to fleet inquiries.</p> <p>Miscellaneous Items line created for \$2M in FY02 through FY07 to include M70 series cables, Mk 89 Adapters, Arming Wires, Lugs, Nose Plugs, etc.</p>												

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a										DATE: February 2005		
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 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
MK 76 (E973)	A	--										
QTY			0	196,000	196,000	196,000						
FUNDING			\$0	\$5,996	\$6,098	\$6,205					Cont	Cont
MK 82 INERT (F237)	A	-										
QTY			14,891	5,000	7,000	11,500						
FUNDING			\$16,134	\$4,712	\$6,708	\$11,214					Cont	Cont
LGTR	A	--										
QTY			7,933	13,062	10,867	7,941						
FUNDING			\$17,908	\$28,836	\$24,590	\$18,418					Cont	Cont
MK 83 INERT (E511)	A	--										
QTY			4,000	4,000	6,813	3,630						
FUNDING			\$5,928	\$6,027	\$10,437	\$5,661					Cont	Cont
BDU-48(E962)	A	--										
QTY			20,000	20,000	20,000	20,000						
FUNDING			\$602	\$910	\$926	\$942					Cont	Cont
OTHER COSTS		--	\$3,937	\$4,889	\$5,810	\$5,431					Cont	Cont
Miscellaneous Items		--	\$2,065	\$2,000	\$2,000	\$2,000					Cont	Cont
TOTAL:		\$351,258	\$46,574	\$53,370	\$56,569	\$49,871					Cont	Cont

CLASSIFICATION: **UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System			DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A. 1 - Navy Ammunition							ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD PRACTICE BOMBS (J1Q1)(BLI 016000)							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			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	--			0	196,000	30.59	5,996	196,000	31.11	6,098	196,000	31.66	6,205
Q1040	MK 82 INERT (F237)	A	-	14,891	1,083.44	16,134	5,000	942.42	4,712	7,000	958.31	6,708	11,500	975.11	11,214
Q1300	LASER GUIDED TRAINING ROUND*	A	--	7,933	2,019.74	17,908	13,062	2,207.62	28,836	10,867	2,262.81	24,590	7,941	2,319.38	18,418
Q1060	MK 83 INERT (E511)	A	--	4,000	1,481.92	5,928	4,000	1,506.75	6,027	6,813	1,531.90	10,437	3,630	1,559.62	5,661
Q1061	BDU-48(E962)	A	--	20,000	30.08	602	20,000	45.50	910	20,000	46.29	926	20,000	47.12	942
	<u>PROCUREMENT SUPPORT AND OTHER</u>														
Q1800	ILS		--			400			400			400			400
Q1830	PES		--			2,947			3,889			4,810			4,431
Q1850	PIP		--			340			350			350			350
Q1894	GAGING		--			250			250			250			250
Q1TBA	MISCELLANEOUS ITEMS					2,065			2,000			2,000			2,000
				351,258		46,574			53,370			56,569			49,871

CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					PRACTICE BOMBS (BLI 016000)				J1Q1	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
<u>Q1010 MK 76 (E973)</u>										
FY 05	196,000	30.59	Rock Island, IL	Aug-04	C/FP	UNKNOWN	Apr 05	May-06	YES	
FY 06	196,000	31.11	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr 06	May-07	YES	
FY 07	196,000	31.66	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr 07	May-08	YES	
<u>Q1040 MK 82 INERT/ F237)</u>										
FY 04	14,891	1083.44	Rock Island, IL	Aug-04	SS/FP	MCALESTER, AAP	Feb-04	Jun-06	YES	
FY 06	7,000	958.31	Rock Island, IL	TBD	SS/FP	MCALESTER, AAP	Feb-06	Jun-08	YES	
FY 07	11,500	975.11	Rock Island, IL	TBD	SS/FP	MCALESTER, AAP	Feb-07	Jun-09	YES	
<u>Q1300 Laser Guided Training Round</u>										
FY 04**	7,933	2,019.74	NAVAIR	Aug-04	C/FP	LOCKHEED-MARTIN	Apr-04	Feb-05	YES	
FY 05	13,062	2,207.62	NAVAIR	Aug-05	C/FP	UNKNOWN	Apr-05	Feb-06	YES	
FY 06	10,867	2,262.81	NAVAIR	TBD	C./FP	UNKNOWN	Apr-06	Feb-07	YES	
FY 07	7,941	2,319.38	NAVAIR	TBD	C/FP	UNKNOWN	Apr-07	Feb-08	YES	
<u>Q1060 MK 83 Inert (E511)</u>										
FY 04	4,000	1,481.92	Rock Island, IL	Aug-03	SS/FP	MCALESTER, AAP	Jan 04	Jun 05	YES	
FY 05	4,000	1,506.75	Rock Island, IL	Aug-04	SS/FP	MCALESTER, AAP	Jan 05	Jun 06	YES	
FY 06	6,813	1,531.90	Rock Island, IL	TBD	SS/FP	MCALESTER, AAP	Jan 06	Jan 07	YES	
FY 07	3,630	1,559.62	Rock Island, IL	TBD	SS/FP	MCALESTER, AAP	Jan 07	Jan 08	YES	
<u>Q1061 BDU-48(E962)</u>										
FY 04	20,000	30.08	Rock Island, IL	Aug-03	C/FP	DEL FASCO	Oct 04	Feb 05	YES	
FY 05	20,000	45.50	Rock Island, IL	Aug-04	C/FP	UNKNOWN	Jan 05	Feb 06	YES	
FY 06	20,000	46.29	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan 06	Feb 07	YES	
FY 07	20,000	47.12	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan 07	Feb 08	YES	
D. REMARKS										
**LGTR FY04 - \$1,885k included in total cost to buy steel and wooden containers.										

CLASSIFICATION: UNCLASSIFIED

FY 2004/05 BUDGET PRODUCTION SCHEDULE, P-21														DATE February 2005																			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS														Weapon System						P-1 Nomenclature PRACTICE BOMBS (J1Q1) (BLI 016000)													
														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 76		MCALESTER(OK)				120000	360000	1080000/ann.					7			14						21		TWIN/BULK(TH)									
MK 82 INERT		MCALESTER(OK)				54000	96000	192000/ann.					6			28						34		K									
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	B A L		
MK 76(E973) THOUSANDS			N																														
UNKNOWN		05		196.0	0	196.0																			A							196.0	
UNKNOWN		06		196.0	0	196.0																										196.0	
UNKNOWN		07		196.0	0	196.0																										196.0	
MK82(F237) THOUSANDS			N																														
MCALESTER		04		14.9	0	14.9					A																					14.9	
MCALESTER		06		7.0	0	7.0																										7.0	
MCALESTER		07		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 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	B A L		
MK 76(E973) THOUSANDS			N																														
UNKNOWN		05		196.0	0	196.0																											0.0
UNKNOWN		06		196.0	0	196.0							A		40.0	40.0	40.0	40.0	36.0													0.0	
UNKNOWN		07		196.0	0	196.0																		A		40.0	40.0	40.0	40.0	36.0		196.0	
MK82 (F237) THOUSANDS			N																														
MCALESTER		04		14.9	0	14.9										7.9	7.0															0.0	
MCALESTER		06		7.0	0	7.0					A																					7.0	
MCALESTER		07		11.5	0	11.5																	A									11.5	

Remarks:

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1							P-1 ITEM NOMENCLATURE Cartridges and Cartridge Actuated Devices (CARTS/CADS)					
Program Element for Code B Items:							Other Related Program Elements					
	Prior * Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)	\$208.7	A	\$29.0	\$29.5	\$32.6	\$33.3	\$34.1	\$34.9	\$35.7	\$36.6	Cont	Cont
<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 FLU-12/P Deck Crew Life Vest Inflator, and the FLU-8B/P automatic life vest inflator are essential to crew survival after ejection or being thrown overboard. The budget request provides funding for the procurement of Naval Aircrew Common Ejection Seat (NACES) items, JAU-74/B initiators, BBU-57/A and BBU-64/ACutters (F-18 DIFRS) 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.</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>FY04 & FY05 includes \$3.4M Congressional Plus-up for FLU-12/P; Budget increase in FY06 and out is to cover the yearly FLU-12/P requirement and increased program cost required to support emerging V-22, F-18E/F, T-6A and JSF aircraft. Due to the retirements of the F-14, T-2, and S-3 aircraft, and the scale-up of the F-18E/F, T-6A, V-22 and JSF aircraft, a change in Cart/CAD requirements is occurring which causes the removal of the MJ91 as a budget line, combining of the SR95 requirement with the WB19 to form a F-18 DIFRS budget line, and the addition of a FLU-12/P and WB15 budget lines.</p> <p>*Prior to FY 95, this program was funded in the Other Procurement, Navy BA-5 appropriation.</p>												

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS										DATE:		
P-40a										February 2005		
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1							Cartridges and Cartridge Actuated Devices (CARTS/CADS)					
Procurement Items	ID Code	Prior Years	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
CCU-107 Init. Ctg. (MT95)	A											
QTY			72,206	180,000	180,000	180,000					Cont	Cont
Funding			\$469	\$945	\$1,004	\$1,022						
JAU-22/B Init. Ctg. (MF64)	A											
QTY			154,744	105,000	105,000	105,000					Cont	Cont
Funding			\$2,267	\$1,449	\$1,887	\$1,920						
Thermal Battery (CWDR)	A											
QTY			228	301	264	259					Cont	Cont
Funding			\$839	\$1,246	\$959	\$960						
BBU-57/A Cutter (SR95)	A											
QTY			139	78								
Funding			\$1,104	\$785								
FLU-12/P Inflator	A											
QTY			18,000	21,000	15,000	15,000					Cont	Cont
Funding			\$2,894	\$3,003	\$2,022	\$2,062						
JAU-74 Initiator (WB15)	A											
QTY					988	601					Cont	Cont
Funding					\$1,848	\$1,166						
F-18 DIFRS (MJ91/WB19)	A				\$926	\$1,192					Cont	Cont
Navy Aircrew Common Ejection Seat	A		\$1,818	\$2,269	\$2,360	\$2,269					Cont	Cont
*Misc Devices			\$11,467	\$12,235	\$14,146	\$14,889					Cont	Cont
Other Support			\$8,158	\$7,536	\$7,434	\$7,865					Cont	Cont
TOTAL		\$208,726	\$29,016	\$29,468	\$32,586	\$33,345						

CLASSIFICATION: **UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: February 2005				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1						ID Code		P-1 ITEM NOMENCLATURE/SUBHEAD Cartridges and Cartridge Actuated Devices (CARTS/CADS)						BLI 018000		
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
	STORES RELEASE															
Q8200	CCU-107 Imp Ctg (MT95)	A		72,206	6.50	469	180,000	5.25	945	180,000	5.58	1,004	180,000	5.68	1,022	
Q8090	JAU-22/B Init. Ctg. (MF64)	A		154,744	14.65	2,267	105,000	13.80	1,449	105,000	17.97	1,887	105,000	18.29	1,920	
	SAFETY															
Q8060	Thermal Battery (CWDR)	A		142	4,009.90	569	301	4,138.16	1,246	132	4,021.59	531	130	4,098.45	533	
Q8060	Thermal Battery (CWDR) - Green	A		86	3,134.00	270				132	3,240.00	428	129	3,310.00	427	
Q8080	BBU-57/A Cutter (SR95)	A		139	7,940.80	1,104	78	10,070.51	785							
Q8140	FLU-12/P Inflator (JL09)	A		18,000	160.77	2,894	21000	143.00	3,003	15,000	134.78	2,022	15000	137.44	2,062	
Q8160	JAU-74 Cartridge Actuated Initiator (WB15)	A								988	1,870.95	1,848	601	1,939.77	1,166	
Q8180	F-18 DIFRS (SR95/WB19)	A										926			1,192	
Q8300	Navy Aircrew Common Ejection Seat	A				1,818			2,269			2,360			2,269	
Q8600	Miscellaneous Devices Under \$500K					11,467			12,235			14,146			14,889	
Q8800	Integrated Logistics Support (ILS)					629			669			697			769	
Q8830	Production Engineering Support (PES)					2,691			3,204			2,991			3,093	
Q8840	Quality Assurance (QA)					437			455			495			537	
Q8850	Product Improvement Program (PIP)					2,730			1,396			1,280			1,369	
Q8860	Acceptance Testing					1,671			1,812			1,971			2,097	
TOTAL				208,726		29,016			29,468			32,586			33,345	

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CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2005		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1					C. P-1 ITEM NOMENCLATURE Cartridges and Cartridge Actuated Devices (CARTS/CADS)				BLI 018000 SUBHEAD 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
<u>STORES RELEASE</u>										
Q8200 CCU-107 Imp Ctg (MT95) FY 04	72,206	6.50	NAVICP	Oct-03	C/FP	Technical Ordnance Inc. St. Bonifacius, MN	Apr-04	Apr-05	YES	
FY05	180,000	5.25	NAVICP	Sep-04	C/FP	Technical Ordnance Inc. St. Bonifacius, MN	Nov-04	Jun-05	YES	
FY 06	180,000	5.58	NAVICP	Oct-05	C/FP	UNKNOWN	Apr-06	Apr-07	YES	
FY 07	180,000	5.68	NAVICP	Oct-06	C/FP	UNKNOWN	Apr-07	Apr-08	YES	
Q8090 JAU-22/B Init. Ctg (MF64) FY04	154,744	14.65	NAVICP	Oct-03	C/FP	AMTEC Corp. Janesville, WI	Dec-03	Oct-04	YES	
FY05	105,000	13.80	NAVICP	Sep-04	C/FP	Special Devices Moorpark, CA	Oct-04	Nov-05	YES	
FY06	105,000	17.97	NAVICP	Oct-05	C/FP	UNKNOWN	Apr-06	Apr-07	YES	
FY07	105,000	18.29	NAVICP	Oct-06	C/FP	UNKNOWN	Apr-07	Apr-08	YES	
D. REMARKS										

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 February 2005		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1					C. P-1 ITEM NOMENCLATURE Cartridge & Cartridge Actuated Devices (CARTS/CADS)			BLI 018000 SUBHEAD 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
<u>SAFETY</u>										
Q8060 Thermal Battery (CWDR) FY 04	142	4,009.90	NAVAIR	Oct-03	SS/FP	Martin-Baker Aircraft Company	Dec-01	Apr-05	YES	
	86	3,134.00	NAVICP	Apr-04	SS/FP	Eagle-Picher Joplin, MO	Aug-04	Apr-05	YES	
FY 05	301	4,138.16	NAVAIR	Oct-04	SS/FP	Martin-Baker Aircraft Company	Apr-05	Apr-06	YES	
FY 06	132	4,021.59	NAVAIR	Oct-05	SS/FP	Martin-Baker Aircraft Company	Apr-06	Apr-07	YES	
	132	3,240.00	NAVICP	Oct-05	SS/FP	Eagle-Picher	Apr-06	Apr-07	YES	
FY 07	130	4,098.45	NAVAIR	Oct-06	SS/FP	Martin-Baker Aircraft Company	Apr-07	Apr-08	YES	
	129	3,310.00	NAVICP	Oct-06	SS/FP	Eagle-Picher	Apr-07	Apr-08	YES	
Q8080 BBU-57/A Cutter (SR95) FY 04	139	7,940.80	NAVICP	N/A	SS/FP	Northrop-Grumman Corp. El Segundo, CA	Apr-04	Apr-05	YES	
FY 05	78	10,070.51	NAVICP	Oct-04	SS/FP	Northrop-Grumman Corp. El Segundo, CA	Apr-05	Apr-06	YES	
Q8140 FLU-12/P Inflator (JL09) FY 04	18,000	160.77	NAVICP	Oct-03	SS/FP	CONAX Florida St Petersburg, Fl	Feb-04	Apr-05	YES	
FY 05	21,000	143.00	NAVICP	Oct-04	SS/FP	CONAX Florida St Petersburg, Fl	Feb-05	Apr-06	YES	
FY06	15,000	134.78	NAVICP	Oct-05	SS/FP	CONAX Florida	Apr-06	Apr-07	YES	
FY07	15,000	137.44	NAVICP	Oct-06	SS/FP	CONAX Florida	Apr-07	Apr-08	YES	
Q8160 JAU-74/A Initiator (WB15) FY06	988	1,870.95	NAVICP	Oct-05	SS/FP	Martin-Baker Aircraft Company	Apr-06	Apr-07	YES	
FY 07	601	1,939.77	NAVICP	Oct-06	SS/FP	Martin-Baker Aircraft Company	Apr-07	Apr-08	YES	
D. REMARKS										
1. FY04 procurement of 86 units is the LIRP Lot of the "Green" configuration of the device. In FY06 the requirement will be evenly split between the two configurations to maintain industrial capabilities.										
2. The BBU-57/A Cutter is the DIFRS for the F-18C/D model aircraft. Its requirement is combined with the BBU-64 cutter (F-18E/F A/C) to form the F-18 DIFRS budget line beginning in FY06.										
3. FY 04/05 FLU-12/P requirement was executed utilizing Congressional plus-up dollars. The FLU-12/P is added to the CART/CAD budget beginning in FY06										
4. Prior to FY06 the JAU-74/A was executed under the Miscellaneous Devices budget line.										

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/ BA-1							P-1 ITEM NOMENCLATURE Aircraft Escape Rockets/Catapults					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total	Total
QUANTITY												
COST (In Millions)	\$85.6	A	\$10.4	\$10.7	\$10.9	\$11.1	\$11.4	\$11.7	\$12.0	\$12.3	Cont	Cont
<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 2006 and 2007 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.</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 PDRM, MK123, MK 124, MK 100, MK 101, MK 86, MK 87, MK 88 USRMs (KU propellant and lead free double base); MK 16 ROCAT; MK 83, MK 85, MK 121 TDRMS; and MK 79, MK 109, MK 113, MK 205 Rocket Motors.</p>												

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CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: February 2005				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/ BA-1						ID Code A		P-1 ITEM NOMENCLATURE/SUBHEAD Aircraft Escape Rockets/Catapults						BLI 018100		
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
	<u>SAFETY</u>															
Q9070	MK122 Parachute Deploy Rkt Motor (MT29)	A		159	2,900.00	461	204	3,059.31	624	233	3,117.60	726	233	3,176.82	740	
Q9080	MK123 Underseat Rkt Motor (MT30)	A		10	8,313.31	83	38	8,935.00	340	47	8,997.00	423	47	9,069.00	426	
Q9081	MK124 Underseat Rkt Motor(MT31)	A		50	8,313.31	416	50	8,935.00	447	97	8,997.00	873	97	9,069.00	880	
Q9130	Miscellaneous Devices Under \$500K					4,609			4,538			3,879			4,000	
Q9820	Reliability Life					675			690			699			707	
Q9800	Integrated Logistics Support (ILS)					450			469			496			507	
Q9830	Production Engineering Support (PES)					1,312			1,341			1,396			1,419	
Q9850	Product Improvement Program (PIP)					1,598			1,337			1,361			1,379	
Q9860	Acceptance Test					792			907			1,007			1,061	
TOTAL			85,610			10,396			10,693			10,860			11,119	

DD FORM 2446, JUN 86

P-1 SHOPPING LIST

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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					Aircraft Escape Rockets/Catapults				J1Q9		
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 04	159	2,900.00	NAVICP	Oct-03	C/FP	BF Goodrich, Phoenix, AZ	MAY 04	APR 05	YES		
FY 05	204	3,059.31	NAVICP	TBD	C/FP	UNKNOWN	APR 05	APR 06	YES		
FY 06	233	3,117.60	NAVICP	TBD	C/FP	UNKNOWN	APR 06	APR 07	YES		
FY07	233	3,176.82	NAVICP	TBD	C/FP	UNKNOWN	APR 07	APR 08	YES		
<u>Q9080 MK 123 Underseat Rkt Mtr (MT30)</u>											
FY 04	10	8,313.31	NAVICP	Oct-03	C/FP	Martin-Baker Aircraft, England	MAY 04	APR 05	YES		
FY 05	38	8,935.00	NAVICP	TBD	C/FP	UNKNOWN	APR 05	APR 06	YES		
FY 06	47	8,997.00	NAVICP	TBD	C/FP	UNKNOWN	APR 06	APR 07	YES		
FY 07	47	9,069.00	NAVICP	TBD	C/FP	UNKNOWN	APR 07	APR 08	YES		
<u>Q9081 MK 124 Underseat Rkt Mtr (MT31)</u>											
FY 04	50	8,313.31	NAVICP	Oct-03	C/FP	Martin-Baker Aircraft, England	MAY 04	APR 05	YES		
FY 05	50	8,935.00	NAVICP	TBD	C/FP	UNKNOWN	APR 05	APR 06	YES		
FY 06	97	8,997.00	NAVICP	TBD	C/FP	UNKNOWN	APR 06	APR 07	YES		
FY 07	97	9,069.00	NAVICP	TBD	C/FP	UNKNOWN	APR 07	APR 08	YES		
D. REMARKS											
FY04 is the first fiscal year where the KU propellant contained within the devices was procured from Nobel Enterprises. Previously the propellant was procured from Royal Ordnance (has since gotten out of the KU propellant business). Indications from Nobel Enterprises is that we can expect an increase in the propellant cost, thus the significant projected increase in cost for the MK 122/123/124s in FY05 over FY04.											

DD Form 2446-1, JUL 87

P-1 SHOPPING LIST

Classification:

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2005					
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 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)	\$279.3		\$52.4	\$48.5	\$70.2	\$72.9	\$77.3	\$78.8	\$80.2	\$81.8	CONT	CONT
<p>The Airborne Expendable Countermeasures (AECM) line provides funding for procurement of countermeasure self-protection devices for all Navy and Marine Corps tactical, rotary and other fixed-wing aircraft. The AECM Program is divided into the following threat related categories: (a) air-launched chaff, (b) Radio Frequency (RF) Active Jammers, (c) infrared (IR) decoys, (d) associated impulse cartridges, and (e) support costs. 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>Chaff Countermeasures: 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>Active Jammers: The Advanced Airborne Expendable Decoy (AAED), part of the ALE-50 program, enters the final year of production during FY2006. 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&E, Project E2175.</p> <p>IR Decoys: The MJU-49 is currently used by all aircraft. The SM875 is a dedicated, low cost training device. Procurement of the ALE-39 advanced six-inch solution set (kinematic MJU57) and companion (MJU55) of expendables began in FY 2003.</p> <p>Impulse Cartridges: Used to propel the self-protection devices away from the aircraft.</p> <p>Support costs: Provide for required Production Engineering (PE), Product Improvement (PIP), Quality Assurance (QA), Acceptance Test and Evaluation (AT&E), and Integrated Logistic Support (ILS) by NAVAIR engineering/cognizant field activities.</p> <p>Title IX funding: \$10M FY04 Supplemental Funds (PANMC 1741548/Y1AC) were added to the AECM Program to procure unique 1x1x8" infrared countermeasures in support of USMC KC130J aircraft. Marinized MJU61 magnesium fueled IRCM; Marinized MJU64 pyrophoric decoy device, BBU35 impulse cartridges and HERO safe CCU145A impulse cartridges will be procured during FY05 in support of this requirement. An estimated \$66K will be used to provide support.</p>												

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System						DATE: February 2005						
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)						BLI (018200)					
COST CODE	ELEMENT OF COST (BLI 018200)	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years*	FY 2004			FY 2005			FY 2006			FY 2007			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
QA110	ACTIVE JAMMERS AAED (ALE-50)	A	27,992	311	20,666.00	6,427	400	22,450.00	8,980							
QA120	FOTD / IDECM	B	6,937							340	51,000.00	17,340	375	50,600.00	18,975	
	IR DECOYS															
QA140	MJU-32/B ROTARY WING DECOY	A	16,403	28,490	38.76	1,104	39,039	29.10	1,136	48,061	30.28	1,455	29,335	30.89	906	
QA150	MJU-38/B TACAIR DECOY	A	14,511							13,130	33.00	433	2,000	33.50	67	
QA150	MJU-38/B TACAIR DECOY (IFF)	A	1,257													
QA190	MJU-49/B DECOY DEVICE	A	24,002	46,900	115.39	5,412	90,000	134.83	12,135	106,850	137.53	14,695	106,634	140.28	14,959	
QA190	MJU-49/B DECOY DEVICE (IFF)	A	1,674													
QA260	SM875B (TRAINING FLARE)	A	6,220	52,978	14.44	765	147,000	14.24	2,093	200,000	12.50	2,500	200,000	12.50	2,500	
QA210	MJU-50 (1X1 Pyrophoric)	A	1,205							43,000	68.00	2,924	43,000	68.00	2,924	
QA200	MJU-52 BOL IR	A	14,242													
QA225	MJU-55 Companion	A		19,631	159.98	3,141				37,000	121.90	4,510	42,000	123.12	5,171	
QA230	MJU-57 Kinematic	A	910	15,000	314.93	4,724	25,000	284.08	7,102	37,000	182.30	6,745	42,000	184.13	7,733	
	MJU-61 (Title IX)	A		54,000	30.00	1,620										
	MJU-64 (Title IX)	A		56,000	135.00	7,560										
QA235	M206 (1X1) Magnesium	A	343							40,000	23.50	940	40,000	24.00	960	
	IMPULSE CARTRIDGES															
QA090	CCU-136A/A (HERO SAFE)	A	11,721	1,096,000	4.45	4,876	995,520	4.54	4,520	818,750	3.99	3,267	818,750	4.03	3,300	
QA090	CCU-136A/A (HERO SAFE) (IFF)	A	339													
QA100	CCU-144A	A														
QA115	CCU-145A (Title IX in FY04)	A		60,000	10.00	600				83,000	5.00	415	83,000	5.00	415	
PAGE TOTAL			127,756			36,229			35,966			55,224			57,910	

* FY95 through FY03 only

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2005			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1 Navy Ammunition				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD BLI (018200) AIRBORNE EXPENDABLE C/M PROGRAM (S/H Y1QA)											
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years*	FY 2004			FY 2005			FY 2006			FY 2007			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
QA060	IMPULSE CARTRIDGES CONT'D BBU-35 (Title IX)	A	250	42,000	3.67	154										
	CHAFF COUNTERMEASURES															
QA010	RR-129A CHAFF CM	A	12,291	198,720	7.99	1,588				253,440	7.99	2,025	299,520	8.07	2,417	
QA010	RR-129A CHAFF CM (IFF)	A	570													
QA020	RR-144A TRNG CHAFF	A	3,279	98,315	8.31	817				76,800	8.20	630	76,800	8.20	630	
QA030	RR-170A CHAFF 1X1	A	73													
N/A	VARIOUS (1)		38,344													
	SUPPORT COSTS															
QA830	PRODUCTION ENGINEERING		28,674			3,797			3,699			3,849			3,849	
QA830	PRODUCTION ENG (Title IX)					66										
QA850	PRODUCT IMPROVEMENT		40,083			5,489			2,755			2,575			2,600	
QA860	ACCEPTANCE TEST & EVALUATION		24,385			3,475			5,347			5,152			4,811	
QA800	ILS		3,638			747			719			719			719	
P5 GRAND TOTAL			279,343			52,362			48,486			70,174			72,936	

* FY95 through FY03 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.

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		DATE			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA-1 Navy Ammunition						C. P-1 ITEM NOMENCLATURE AIRBORNE EXPENDABLE C/M PROGRAM			SUBHEAD Y1QA		
Cost Element/ FISCAL YEAR		QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
ACTIVE JAMMERS											
AAED (ALE-50)											
(DWCL) FY 04	311	20,666.00	Robins AFB, GA	N/A	SS/Option	Raytheon, Goleta, CA	Apr-04	Jul-05	YES		
(DWCL) FY 05	400	22,450.00	Robins AFB, GA	Jan-05	SS/FP	Raytheon, Goleta, CA	Mar-05	Aug-06	YES		
FOTD/IDECM (DWDQ) FY 06	340	51,000.00	NAVAIR	Jan-04	SS/FP	BAE, Nashua, NH	Jun-06	Dec-07	NO		
(DWDQ) FY 07	375	50,600.00	NAVAIR	Jan-05	SS/FP	BAE, Nashua, NH	Jun-07	May-08	NO		
INFRARED DECOYS											
MJU-32/B ROTARY WING DECOY											
(LA01) FY 04	28,490	38.76	NICP Mechanicsburg	Dec-03	C/FP	Coachella, CA Kilgore, Toone, TN	Jun-04	Dec-04	YES		
(LA01) FY 05	39,039	29.10	NICP Mechanicsburg	Dec-04	C/FP	Kilgore, Toone, TN	Nov-04	Dec-05	YES		
(LA01) FY 06	48,061	30.28	NICP Mechanicsburg	Dec-05	C/FP	TBD	Jun-06	Dec-06	YES		
(LA01) FY 07	29,335	30.89	NICP Mechanicsburg	Dec-06	C/FP	TBD	Jun-07	Dec-07	YES		
MJU-38/B TACAIR DECOY											
(LA02) FY 06	13,130	33.00	NICP Mechanicsburg	Dec-05	C/FP	Milan, TN TBD	Jun-06	Dec-06	YES		
(LA02) FY 07	2,000	33.50	NICP Mechanicsburg	Dec-06	C/FP	TBD	Jun-07	Dec-07	YES		
D. REMARKS											

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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					(BLI 018200)				February 2005		
BA-1 Navy Ammunition					AIRBORNE EXPENDABLE C/M PROGRAM				Y1QA		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE	
INFRARED DECOYS (CONT'D)											
MJU-49/B DECOY DEVICE (DWC1) FY 04	46,900	115.39	NSWC Crane, IN	Dec-03	SS/FP	Alloy, Chester Township, PA	May-04	Dec-04	YES		
(DWC1) FY 05	90,000	134.83	NSWC Crane, IN	Dec-04	SS/FP	Alloy, Chester Township, PA	May-05	Nov-05	YES		
(DWC1) FY 06	106,850	137.53	NICP Mechanicsburg, PA	Dec-05	SS/FP	Alloy, Chester Township, PA	Feb-06	Mar-06	YES		
(DWC1) FY 07	106,634	140.28	NICP Mechanicsburg, PA	Oct-06	SS/FP	Alloy, Chester Township, PA	Dec-06	Jan-07	YES		
SM875B TRNG FLARE (LA40) FY 04	52,978	14.44	NICP Mechanicsburg, PA	Mar-04	C/FP	Kilgore, TN	Jul-04	Nov-04	YES		
(LA40) FY 05	147,000	14.24	NICP Mechanicsburg, PA	Dec-04	C/FP	TBD	May-05	Nov-05	YES		
(LA40) FY 06	200,000	12.50	NICP Mechanicsburg, PA	Jan-06	C/FP	TBD	May-06	Nov-06	YES		
(LA40) FY 07	200,000	12.50	NICP Mechanicsburg, PA	Jan-07	C/FP	TBD	May-07	Nov-07	YES		
MJU-50 (1X1) (LA19) FY 06	43,000	68.00	NICP Mechanicsburg, PA	Jan-06	SS/FP	Alloy, Chester Township, PA	May-06	Nov-06	YES		
(LA19) FY 07	43,000	68.00	NICP Mechanicsburg, PA	Jan-07	SS/FP	Alloy, Chester Township, PA	May-07	Nov-07	YES		
MJU-55 Companion (LA35) FY 04	19,631	159.98	NSWC Crane, IN	Dec-03	C/FP	NSWC Crane/Crane Army, IN	Jan-04	Jan-05	YES		
(LA35) FY 06	37,000	121.90	NICP Mechanicsburg, PA	Jan-06	C/FP	TBD	Apr-06	Jan-07	YES		
(LA35) FY 07	42,000	123.12	NICP Mechanicsburg, PA	Jan-07	C/FP	TBD	May-07	Dec-07	YES		
D. REMARKS											
* ASTERISK DENOTES IRAQI FREEDOM FUNDS (IFF)											

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

Weapon System

DATE

February 2005

B. APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS

BA-1 Navy Ammunition

C. P-1 ITEM NOMENCLATURE

(BLI 018200)

AIRBORNE EXPENDABLE C/M PROGRAM

SUBHEAD

Y1QA

Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
<u>INFRARED DECOYS (CONT'D)</u>										
MJU-57 Kinematic (LA38) FY 04	15,000	314.93	NSWC Crane, IN	Dec-03	C/FP	NSWC Crane/Crane Army, IN	Jan-04	Jul-04	YES	
(LA38) FY 05	25,000	284.08	NICP Mechanicsburg, PA	Dec-04	C/FP	NSWC Crane/Crane Army, IN	Nov-05	Aug-05	YES	
(LA38) FY 06	37,000	182.30	NICP Mechanicsburg, PA	Jan-06	C/FP	TBD	May-06	Aug-06	YES	
(LA38) FY 07	42,000	184.13	NICP Mechanicsburg, PA	Jan-07	C/FP	TBD	May-07	Dec-07	YES	
MJU-61 Mag/Tef (LA42)** FY04	54,000	30.00	NICP Mechanicsburg, PA	Jan-05	C/FP	TBD	Apr-05	Sep-05	YES	
MJU-64 (LA43)** FY04	56,000	135.00	NICP Mechanicsburg, PA	Jan-05	SS/FP	Alloy, Chester Township, PA	Jan-05	Feb-05	YES	
M206 (L410) FY 06	40,000	23.50	IOC Rock Island, IL	Jan-06	C/FP	TBD	May-06	Aug-06	YES	
(L410) FY 07	40,000	24.00	IOC Rock Island, IL	Jan-07	C/FP	TBD	May-07	Aug-07	YES	
<u>IMPULSE CARTRIDGES</u>										
CCU-136A/A (HERO SAFE) (WA83) FY 04	1,096,000	4.45	NICP Mechanicsburg	Dec-03	C/FP	CAPCO, Grand Junction, CO Hanley Industries, Alton, IL	Jun-04	Sep-04	YES	
(WA83) FY 05	995,520	4.54	NICP Mechanicsburg	Dec-04	C/FP	TBD	Jun-05	Sep-05	YES	
(WA83) FY 06	818,750	3.99	NICP Mechanicsburg	Dec-05	C/FP	TBD	May-06	Sep-06	YES	
(WA83) FY 07	818,750	4.03	NICP Mechanicsburg	Dec-06	C/FP	TBD	May-07	Sep-07	YES	
CCU-145A (HERO SAFE) (WB24)** FY 04	60,000	10.00	NICP Mechanicsburg	Apr-05	C/FP	Tech Ordnance, St. Boniface, MN	May-05	Nov-05	YES	
(WB24) FY 06	83,000	5.00	NICP Mechanicsburg	Jan-06	C/FP	TBD	May-06	Oct-06	YES	
(WB24) FY 07	83,000	5.00	NICP Mechanicsburg	Jan-07	C/FP	TBD	May-07	Oct-07	YES	
BBU-35 (MG62)** FY04	42,000	3.67	NICP Mechanicsburg	Oct-04	C/FP	Tech Ordnance, St. Boniface, MN	Oct-04	May-05	YES	

D. REMARKS

** DOUBLE ASTERISK DENOTES TITLE IX FUNDS (FY04)

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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						(BLI 018200)			February 2005		
BA-1 Navy Ammunition						AIRBORNE EXPENDABLE C/M PROGRAM			Y1QA		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE	
CHAFF COUNTERMEASURES											
RR-129A CHAFF CM											
(DWCF) FY 04	198,720	7.99	NICP Mechanicsburg	Jan-04	C/FP	ARMTEC Defense Prod Co Coachella, CA	Oct-03	Dec-04	YES		
(DWCF) FY 06	253,440	7.99	NICP Mechanicsburg	Jan-06	C/FP	ARMTEC Defense Prod Co Coachella, CA	Apr-06	Dec-06	YES		
(DWCF) FY 07	299,520	8.07	NICP Mechanicsburg	Jan-07	C/FP	ARMTEC Defense Prod Co Coachella, CA	Apr-07	Dec-07	YES		
RR-144A TRNG CHAFF											
(DWCB) FY 04	98,315	8.31	NICP Mechanicsburg	Jan-04	C/FP	ARMTEC Defense Prod Co Coachella, CA	May-04	Dec-04	YES		
(DWCB) FY 06	76,800	8.20	NICP Mechanicsburg	Jan-06	C/FP	ARMTEC Defense Prod Co Coachella, CA	May-06	Dec-06	YES		
(DWCB) FY 07	76,800	8.20	NICP Mechanicsburg	Jan-07	C/FP	ARMTEC Defense Prod Co Coachella, CA	May-07	Dec-07	YES		
D. REMARKS											

CLASSIFICATION: UNCLASSIFIED

FY 2004 BUDGET PRODUCTION SCHEDULE, P-21												DATE February 2005															
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA-1 Navy Ammunition										Weapon System		P-1 ITEM NOMENCLATURE (BLI 018200) AIRBORNE EXPENDABLE C/M PROGRAM (S/H Y1QA)															
Item	Manufacturer's Name and Location					Production Rate			Procurement Leadtimes										Unit of Measure								
						MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total														
AAED (ALE-50)	Raytheon, Goleta, Ca					25	140	300		5																E	
FOTD/IDECM	TBD					TBD	TBD	TBD		5																	E
MJU-49/B	Alloy, Chester Township, PA					1.02	5.76	11.52		8																	K
MJU-57	Crane Army Ammun. Activ.					TBD	TBD	TBD		7																	K

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	
AAED ALE-50 (RAYTHEON)	03		300		300																						0.0			
AAED ALE-50 (RAYTHEON)	04		311		311																						191.0			
AAED ALE-50 (RAYTHEON)	05		400		400																						400.0			
MJU-49/B (ALLOY)*	03		47.0		47.0																						0.0			
MJU-49/B (ALLOY)	04		46.9		46.9																						0.0			
MJU-49/B (ALLOY)	05		90.0		90.0																						90.0			
MJU-57 (CAAA)	04		15.0		15.0																						0.0			
MJU-57 (TBD)	05		25.0		25.0																						0.0			
MJU-64 (TBD)**	04		56.0		56.0																						19.0			

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	
AAED ALE-50 (RAYTHEON)	04		311	120	191	40	40	40	40	31																	0.0			
AAED ALE-50 (RAYTHEON)	05		400		400																						0.0			
FOTD/IDECM	06		340		340																						340.0			
FOTD/IDECM	07		375		375																						375.0			
MJU-49/B (ALLOY)	05		90.0		90.0																						0.0			
MJU-49/B (ALLOY)	06		106.9		106.9																						0.0			
MJU-49/B (ALLOY)	07		106.6		106.6																						0.0			
MJU-55	07		42.0		42.0																						42.0			
MJU-57 (CAAA)	05		25.0	6.0	19.0	3.0	3.0	3.0	3.0	3.0	3.0	1.0														0.0				
MJU-57 (TBD)	06		37.0		37.0																						0.0			
MJU-57 (TBD)	07		42.0		42.0																						42.0			
MJU-64 (TBD)	04		56.0	40.0	16.0	5.0	5.0	5.0	1.0																		0.0			

Remarks:
 * DENOTES IRAQI FREEDOM FUNDS (IFF) ** DENOTES FY04 TITLE IX FUNDS
 Second MJU-49 production line produced 3,846 rounds in 8/04 and will produce 3,846 during 9/04 & 10/04. In 11/04, the second line will produce 6,000 rounds.

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2005				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS, BA-1			P-1 ITEM NOMENCLATURE JATO (JET ASSISTED TAKE OFF) BLI 019400									
Program Element for Code B Items:			Other Related Program Elements									
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY												
COST (In Millions)	\$37.5	A	\$4.4	\$4.5	\$4.6	\$4.7	\$4.8	\$4.8	\$4.9	\$5.0	Continuing	Continuing
<p>Description: The JATOs currently in production are the MK 117 and MK 125. JATOs are relatively small solid propellant rocket motors used to assist aircraft during takeoff, and launch target drones and Remotely Piloted Vehicles (RPVs).</p> <p>Intended use: Two MK 117s are used to launch one BQM 74C target. One MK 125 is used to launch the Pioneer RPV.</p> <p>Product Improvement: Develop and qualify alternative hardware that will result in a lower cost.</p>												

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: February 2005			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE 5"/54 GUN AMMUNITION					
Program Element for Code B Items: SUBHEAD NO. A1AC								Other Related Program Elements BLIN: 025000					
	Prior Years	ID Code		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)				\$12.7	\$19.7	\$25.9	\$22.5	\$23.2	\$23.8	\$24.4	\$25.1		
<p><u>ITEM DESCRIPTION/JUSTIFICATION:</u></p> <p>5"/54 ammunition is fired from cruiser and destroyer type of combatant ships against air, surface, and shore targets. Program procures three types of propelling charges, five types of high-explosive projectiles, two specialty projectiles, two pure training rounds and several ancillary rounds (dummy, gage and test). Program also supports newly developed multi-function fuze and multi-option fuze modernization.</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**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE 5"/54 GUN AMMUNITION					
Program Element for Code B Items: SUBHEAD NO. A1AC								Other Related Program Elements BLIN: 025000					
	Prior Years	ID Code		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)				\$12.7	\$19.7	\$25.9	\$22.5	\$23.2	\$23.8	\$24.4	\$25.1		
<p><u>CONTINUED:</u></p> <p><u>PRODUCT IMPROVEMENT:</u>The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.</p> <p><u>RENOVATION COMPONENTS:</u> The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.</p> <p><u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.</p> <p><u>NON-STANDARD ITEMS:</u> The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.</p> <p>All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.</p>													

CLASSIFICATION: **UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2005		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 025000			P-1 ITEM NOMENCLATURE/SUBHEAD 5"/54 GUN AMMUNITION SUBHEAD NO. A1AC								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			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 AMMUNITION COMPONENTS														
	5"/54 CHG, PROP, FULL, MK 67,	D326		11,037	211.81	2,338	9,750	573.96	5,596	26,286	591.99	15,561	12,090	618.41	7,477
	5"/54 PROJ, BLP/T	D349		18,000	234.15	4,215	18,000	303.64	5,466	20,976	283.39	5,944	18,864	288.73	5,447
	5"/54 PROJ, MULTI OPTION FUZE	MOFN											5,808	915.48	5,317
	PE/QA SMCA					10			13			8			8
AC830	PRODUCTION ENGINEERING					2,004			1,851			1,897			1,960
AC850	PRODUCT IMPROVEMENT					3,254			3,132			1,000			1,000
AC893	RENOVATION COMPONENTS					498			3,080			876			627
AC894	GAUGE REQUIREMENTS					353			425			450			475
AC895	NON-STANDARD								110			187			161
SUBTOTAL (PAGE 1 OF P5)						12,672			19,673			25,923			22,472

CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE 5"/54 GUN AMMUNITION BLIN: 025000				SUBHEAD A1AC		
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 AMMUNITION COMPONENTS											
5"/54 CHG, PROP, FULL, MK 67, UNIVERSAL D326											
FY 2004	11037	211.81	JMC ROCK ISLAND	Oct-03	MIPR	MCALESTER AAP	Mar-04	Jan-06	YES		
FY 2005	9750	573.96	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Jan-07	YES		
FY 2006	26286	591.99	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Mar-06	Jan-08	NO	Jul-05	
FY 2007	12090	618.41	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Mar-07	Jan-09	NO	Jul-06	
5"/54 PROJ, BLP/T D349											
FY 2004	18000	234.15	JMC ROCK ISLAND	Oct-03	MIPR	CRANE AAA	Jan-04	Dec-05	YES		
FY 2005	18000	303.64	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Feb-07	YES		
FY 2006	20976	283.39	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Mar-06	Feb-08	NO	Jul-05	
FY 2007	18864	288.73	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Mar-07	Feb-09	NO	Jul-06	
5"/54 PROJ, MULTI OPTION FUZE - NAVY MOFN											
FY 2007	5808	915.48	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Jan-09	NO	Jul-06	
D. REMARKS											
NOTE: All items shown are priced with available GFM.											

Appropriation Procurement Ammunition Navy & Marine Corps	Production Schedule	Date February 2005
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Budget Activity 1 Navy Ammunition	P-1 Item 5"/54 GUN AMMUNITION	Subhead A1AC
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Cost Code	Item/Mfr	Prg Yr	U / M	S e r v	Prog Qty	Oct 1		Fiscal Year 2005												Fiscal Year 2006												Fiscal Year 2007												Later
						Acc Prior	Bal Due	CY 04			Calendar Year 2005									Calendar Year 2006									Calendar Year 2007															
								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 05	FY 05																																						
AC100	D326 - 5"/54 CHG, PROP, FULL, MK 67, UNIVERSAL																																													
	MCALESTER AAP	04	K	N	11.0	11.0					6.0	5.0																																		
	UNKNOWN	05	K	N	9.8	9.8																																	9.8							
	UNKNOWN	06	K	N	26.3	26.3																																			26.3	26.3				
	UNKNOWN	07	K	N	12.1	12.1																																			12.1	12.1				
	TOTALS				110.2	59.2					6.0	5.0																											9.8	38.4						

Manufacturer's Name and Location	Production Rates			Reached D+
	Min Sust.	1-8-5	Max	
MCALESTER AAP	7500	25000	50000	
UNKNOWN	7500	25000	50000	

	Procurement Lead Time			
	Admin Lead Time		Manu- facturing time	Total After 1-Oct
	Prior 1-Oct	After 1-Oct		
Initial	5	5	22	27
Reorder (Previous Source)	5	5	22	27
P-1 Item Shopping List Item #				Page No
				10
				5

Remarks:

Appropriation										Production Schedule										Date																								
Procurement Ammunition Navy & Marine Corps																				February 2005																								
Budget Activity										P-1 Item Nomenclature										Subhead																								
1 Navy Ammunition										5"/54 GUN AMMUNITION										A1AC																								
Cost Code	Item/Mfr	Prg Yr	U / M	S e r v	Pro g Qty	Oct 1		Fiscal Year 2008												Fiscal Year 2009												Fiscal Year 2010												Later
						Acc	Bal	CY 07			Calendar Year 2008									Calendar Year 2009									Calendar Year 2010															
						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 08 FY 08

AC100	MOFN - 5"/54 PROJ, MULTI OPTION FUZE - NAVY																																					
	UNKNOWN	06	K	N	0.0																																	
	UNKNOWN	07	K	N	5.8		5.8																															
	TOTALS				5.8		5.8																															

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

Procurement Lead Time			
	Admin Lead Time		Total
	Prior 1-Oct	After 1-Oct	
Initial	4	4	23
Reorder (Previous Source)	4	4	23
P-1 Item Shopping List Item #			Page No
			10
			9

Remarks:

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE EXTENDED RANGE MUNITION (ERM)					
Program Element for Code B Items: SUBHEAD NO. A1AK BLIN: 025300								Other Related Program Elements					
	Prior Years	ID Code		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)	\$28.0			\$2.9	\$0.5	\$0.0	\$0.0	\$0.0	\$0.0	\$69.8	\$124.4		
<u>ITEM DESCRIPTION/JUSTIFICATION:</u>													
The Extended Range Munition (ERM) 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**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE EXTENDED RANGE MUNITION (ERM)					
Program Element for Code B Items: SUBHEAD NO. A1AK								Other Related Program Elements BLIN: 025300					
	Prior Years	ID Code		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)	\$28.0			\$2.9	\$0.5	\$0.0	\$0.0	\$0.0	\$0.0	\$69.8	\$124.4		
<p><u>CONTINUED:</u></p> <p><u>PRODUCT IMPROVEMENT:</u>The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.</p> <p><u>RENOVATION COMPONENTS:</u> The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.</p> <p><u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.</p> <p><u>NON-STANDARD ITEMS:</u> The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.</p> <p>All ammo procured with these funds is procured through the Navy.</p>													

CLASSIFICATION:

UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS				Weapon System									DATE:				
P-5													February 2005				
APPROPRIATION/BUDGET ACTIVITY				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD												
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				025300	EXTENDED RANGE MUNITION (ERM) SUBHEAD NO. A1AK												
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS														
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
AK100	AMMUNITION COMPONENTS	DWDC	1,600	384	1953.12	750											
	CHG, PROPELLING EX-167	HDUM	53	10	5000.00	50											
	HANDLING CYCLE DUMMY RO	IBST	2,756	96	7906.25	759											
	INTERNAL BALLISTICS SIM																
	PE/QA SMCA																
AK830	PRODUCTION ENGINEERING		5,296			1,344			498								
AK850	PRODUCT IMPROVEMENT		18,264														
AK893	RENOVATION COMPONENTS																
AK894	GAUGE REQUIREMENTS																
AK895	NON-STANDARD																
SUBTOTAL (PAGE 1 OF P5)			27,969			2,903			498			0					0

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					EXTENDED RANGE MUNITION (ERM)				A1AK	
BLIN: 025300										
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										
AMMUNITION COMPONENTS CHG, PROPELLING EX-167 DWDC FY 2004	384	1953.12	NSWC INDIAN HEAD	Oct-03	WX	NSWC INDIAN HEAD	FEB-04	APR-05	YES	
HANDLING CYCLE DUMMY ROUND HDUM FY 2004	10	5000.00	NSWC DAHLGREN	Oct-03	CONTRACT	UNKNOWN	FEB-05	OCT-05	YES	
INTERNAL BALLISTICS SIMULATOR TEST IBST FY 2004	96	7906.25	NSWC DAHLGREN	Oct-03	CONTRACT	UNKNOWN	FEB-05	OCT-05	YES	
D. REMARKS										
<p>Note: All items shown are priced with available GFM.</p> <p>Note: Location of PCO and contractor are both NSWC Indian Head because work will be performed in-house. No contracts will be awarded.</p>										

Appropriation										Production Schedule										Date																								
Procurement Ammunition Navy & Marine Corps																				February 2005																								
Budget Activity										P-1 Item Nomenclature										Subhead No.																								
1 Navy Ammunition										EXTENDED RANGE MUNITION (ERM)										A1AK																								
Cost Code	Item/Mfr	Prgr Yr	U / M	S e r v	Pr og Qty	Oct 1		Fiscal Year 2004												Fiscal Year 2005												Fiscal Year 2006												Later
						Acc	Bal	CY 03			Calendar Year 2004									Calendar Year 2005									Calendar Year 2006															
						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	

AK100 HDUM - HANDLING CYCLE DUMMY ROUND
 UNKNOWN 04 EA N 10 10
 TOTALS 10 10

Manufacturer's Name and Location	Production Rates			Reached D+
	Min Sust.	1-8-5	Max	
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			6	

Remarks:

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2005					
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. A1AF BLIN: 026500								Other Related Program Elements					
	Prior Years	ID Code		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)				\$1.2	\$1.1								
<u>ITEM DESCRIPTION/JUSTIFICATION:</u> The 76MM caliber cartridge is a fixed round of ammunition for use in the MK 75 gun mount. Navy's primary use is against air targets, but it may be used against surface and short targets. United States Coast Guard's (USCG) primary use is drug interdiction, homeland defense, and Visit, Board, Search and Seize (VBSS). 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 USCG high endurance and medium cutters. Program procures three types of high-explosive projectiles, two pure training rounds and several ancillary rounds (dummy, gage and test).													
<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.													
NOTE: Program transferred in FY06 to PANMC BLIN: 0266000 Intermediate Caliber Ammunition													

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2005					
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. A1AF BLIN: 026500								Other Related Program Elements					
	Prior Years	ID Code		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)				\$1.2	\$1.1								
<p><u>CONTINUED:</u></p> <p><u>PRODUCT IMPROVEMENT:</u>The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.</p> <p><u>RENOVATION COMPONENTS:</u> The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.</p> <p><u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.</p> <p><u>NON-STANDARD ITEMS:</u> The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.</p> <p>All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.</p>													

CLASSIFICATION: **UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System						DATE: February 2005		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 026500		P-1 ITEM NOMENCLATURE/SUBHEAD 76MM GUN AMMUNITION SUBHEAD NO. A1AF						

COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS															
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
AF100	76MM AMMUNITION COMPONENTS																	
	PE/QA SMCA																	13
AF830	PRODUCTION ENGINEERING					636												640
AF850	PRODUCT IMPROVEMENT					426												416
AF893	RENOVATION COMPONENTS																	50
AF894	GAUGE REQUIREMENTS					56												30
AF895	NON-STANDARD					60												
SUBTOTAL (PAGE 1 OF P5)							1,178											1,149
																		0
																		0

UNCLASSIFIED

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40	DATE: February 2005
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APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1	P-1 ITEM NOMENCLATURE INTERMEDIATE CALIBER GUN AMMUNITION
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Program Element for Code B Items: SUBHEAD NO. A1AL	Other Related Program Elements
BLIN: 026600	

	Prior Years	ID Code		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)				\$0.0	\$0.0	\$1.3	\$1.8	\$2.0	\$2.1	\$2.2	\$2.2		

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.

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2005			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1				ID Code 026600	P-1 ITEM NOMENCLATURE/SUBHEAD INTERMEDIATE CALIBER GUN AMMUNITION SUBHEAD NO. A1AL											
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
AL100	INTERMEDIATE CALIBER GUN AMMUNITION COMPONENTS MEDIUM CAL TRAINING ROUND PE/QA SMCA	MDTP									850	516.33	439	1,615	524.70	848
AL830	PRODUCTION ENGINEERING												720			735
AL850	PRODUCT IMPROVEMENT															
AL893	RENOVATION COMPONENTS															150
AL894	GAUGE REQUIREMENTS															50
AL895	NON-STANDARD															44
SUBTOTAL (PAGE 1 OF P5)						0			0			1,252				1,827

CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE				
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE INTERMEDIATE CALIBER GUN AMMUNITION BLIN: 026600			SUBHEAD A1AL			
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	
AL100											
INTERMEDIATE CALIBER GUN AMMUNITION COMPONENTS											
MEDIUM CAL TRAINING ROUND MDTP											
FY 2006	850	516.33	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Oct-07	NO	Jul-05	
FY 2007	1615	524.70	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Apr-07	Oct-08	NO	Jul-06	
D. REMARKS											
NOTE: All items shown are priced with available GFM.											

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2005					
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. A1AG BLIN: 027000								Other Related Program Elements					
	Prior Years	ID Code		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)				\$19.2	\$19.1	\$40.1	\$32.5	\$34.4	\$35.5	\$36.4	\$37.5		
<u>ITEM DESCRIPTION/JUSTIFICATION:</u> The OSGA program consists of 40 medium caliber types of gun ammunition (20MM, 25MM, 30MM, 40MM, 60MM mortars). This supports active Navy ships, and active and reserve ashore warfare forces including mobile construction battalions (MCB), amphibious construction battalion (ACB), mobile security forces (MSF), fleet combat readiness groups, inshore undersea warfare groups and several other type operational units. Program includes support for emergent anti-terrorism/force protection and homeland defense requirements. <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**

BUDGET ITEM JUSTIFICATION SHEET P-40	DATE: February 2005
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APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1	P-1 ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION
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Program Element for Code B Items: SUBHEAD NO. A1AG	Other Related Program Elements
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			BLIN: 027000										
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total	
QUANTITY													
COST (In Millions)			\$19.2	\$19.1	\$40.1	\$32.5	\$34.4	\$35.5	\$36.4	\$37.5			

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.

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: February 2005							
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. A1AG											
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS																
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007						
			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 MK210 CTG, 25MM, SAPHEI-T	A976 A981 A991		209,110	11.26	2,355						198,000	17.88	3,540	235,015	18.21	4,280		
							149,059	29.11	4,339			99,990	23.42	2,342	99,990	23.80	2,380		
												99,990	29.58	2,958	99,990	30.06	3,006		
	30MM CARTRIDGES CART., 30MM APFSDS-T LKD CART., 30MM TP/TP-T LKD CART., 30MM HEI-T/MP LKD	AA71 AA65 AA89				202	1,387	136.22	189			7,200	250.00	1,800					
				2,000	102.00							14,250	100.00	1,425	14,250	100.00	1,425		
	40MM GRENADE CARTRIDGES CTG., 40MM, PRAC., M79 F/M203 CTG 40MM,M430 F/MK19 CTG, 40MM, FIXED, PRAC., F/MK CTG, 40MM, BLANK, SAL (350&20 CTG, 40MM, 300 METER	B519 B542 B576 B650 WM30		43,700	5.05	221	50,000	4.42	221	45,000	4.37	197	40,000	4.45	178				
				207,008	22.05	4,565	150,880	36.46	5,501	150,016	22.07	3,311	150,016	22.45	3,368				
							148,416	16.03	2,379										
							7,992	38.98	312	8,010	89.81	719	8,010	89.33	715				
										50,000	22.46	1,123	50,000	22.82	1,141				
	LCS MINOR CALIBER MINOR CAL SERVICE ROUND MINOR CAL TRAINING ROUND	MISV MITP										2,350	100.00	235	2,620	100.00	262		
												3,000	22.88	69	3,000	23.25	70		
AG200	20MM CARTRIDGES CART., 20MM ELC	AA61		238,700	27.82	6,641	193,673	25.21	4,883	817,150	25.62	20,935	544,800	26.03	14,181				
	PE/QA SMCA-AG100 PE/QA SMCA-AG200					524			504					229			272		
SUBTOTAL (PAGE 1 OF P5)									14,508					18,328			38,883		31,278

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P-1 SHOPPING LIST

CLASSIFICATION:

ITEM NO. 14

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UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2005		
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. A1AG										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	CONTINUED														
AG830	PRODUCTION ENGINEERING					923			741			900			945
AG850	PRODUCT IMPROVEMENT					410			57			340			212
AG893	RENOVATION COMPONENTS														
AG894	GAUGE REQUIREMENTS					19						21			24
AG895	NON-STANDARD														
AG896	PROPELLANT CONTINUOUS					1,367									
	REALIGNMENT OF DDG AT/FP FUNDS					2,000									
	SUBTOTAL (PAGE 2 OF P5)					4719			798			1261			1181
TOTAL						19,227			19,126			40,144			32,459

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2005		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION BLIN: 027000				SUBHEAD A1AG	
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 2004	209110	11.26	JMC ROCK ISLAND	Oct-03	MIPR	GENERAL DYNAMICS ORD	Jan-04	Mar-05	YES	
FY 2006	198000	17.88	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Jun-07	NO	Jul-05
FY 2007	235015	18.21	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Apr-07	Jun-08	NO	Jul-06
CTG 25MM MK210 A981										
FY 2006	99990	23.42	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Jun-07	NO	Jul-05
FY 2007	99990	23.80	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Jun-08	NO	Jul-06
CTG, 25MM, SAPHEI-T A991										
FY 2005	149059	29.11	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Jun-06	YES	
FY 2006	99990	29.58	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Jun-07	NO	Jul-05
FY 2007	99990	30.06	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Jun-08	NO	Jul-06
30MM CARTRIDGES CART., 30MM APFSDS-T LKD AA71										
FY 2006	7200	250.00	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	NO	Jul-05
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			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION BLIN: 027000				SUBHEAD A1AG	
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										
30MM CARTRIDGES										
CART., 30MM HEI-T/MP LKD AA89										
FY 2004	2000	102.00	NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-05	Oct-06	YES	
FY 2005	1387	136.22	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Oct-06	YES	
FY 2006	14250	100.00	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	NO	Jul-05
FY 2007	14250	100.00	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Oct-08	NO	Jul-06
40MM GRENADE CARTRIDGES										
CTG., 40MM, PRAC., M79 F/M203 B519										
FY 2004	43700	5.05	JMC ROCK ISLAND	Oct-03	MIPR	MAST TECHNOLOGY INC.	Jun-04	Jul-05	YES	
FY 2005	50000	4.42	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Apr-06	YES	
FY 2006	45000	4.37	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Mar-06	Apr-07	NO	Jul-05
FY 2007	40000	4.45	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Mar-07	Apr-08	NO	Jul-06
CTG 40MM,M430 F/MK19 B542										
FY 2004	207008	22.05	JMC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Mar 05	Jul-06	YES	
FY 2005	150880	36.46	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar 05	Oct-06	YES	
FY 2006	150016	22.07	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Jan-06	Aug-07	NO	Jul-05
FY 2007	150016	22.45	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Jan-07	Aug-08	NO	Jul-06
CTG, 40MM, FIXED, PRAC., F/MK19 B576										
FY 2005	148416	16.03	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar 05	Dec-06	YES	
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 2005		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION BLIN: 027000				SUBHEAD A1AG	
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, BLANK, SAL (350&200 GRAMS) B650										
FY 2005	7992	38.98	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Sep-06	YES	
FY 2006	8010	89.81	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Jan-06	Jul-07	NO	Jul-05
FY 2007	8010	89.33	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Jan-07	Jul-08	NO	Jul-06
CTG, 40MM, 300 METER WM30										
FY 2006	50000	22.46	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Mar-06	Mar-07	NO	Jul-05
FY 2007	50000	22.82	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Mar-07	Mar-08	NO	Jul-06
LCS MINOR CALIBER										
MINOR CAL SERVICE ROUND MISV										
FY 2006	2350	100.00	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Mar-06	Sep-07	NO	Jul-05
FY 2007	2620	100.00	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Mar-07	Sep-08	NO	Jul-06
MINOR CAL TRAINING ROUND MITP										
FY 2006	3000	22.88	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Mar-06	Jun-07	NO	Jul-05
FY 2007	3000	23.25	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Mar-07	Jun-08	NO	Jul-06
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 2005			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION BLIN: 027000				SUBHEAD A1AG	
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
AG200										
20MM CARTRIDGES CART., 20MM ELC AA61										
FY 2004	238700	27.82	NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Feb-05	Oct-06	YES	
FY 2005	193673	25.21	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Feb-05	Oct-06	YES	
FY 2006	817150	25.62	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Feb-06	Oct-07	NO	Jul-05
FY 2007	544800	26.03	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Oct-08	NO	Jul-06
D. REMARKS										
NOTE: All items shown are priced with available GFM.										

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: February 2005			
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE SMALL ARMS AND LANDING PARTY AMMUNITION					
Program Element for Code B Items: SUBHEAD NO. A1AH								Other Related Program Elements BLIN: 033500					
	Prior Years	ID Code		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)				\$17.8	\$23.1	\$35.6	\$9.3	\$10.1	\$10.3	\$10.6	\$11.1		
<u>ITEM DESCRIPTION/JUSTIFICATION:</u> The Small Arms and Landing Party program consists of approximately 93 types of ammunition (shotgun, handgun, rifle, machine guns, grenades, and land mines). This supports all active Navy ships, and active and reserve ashore warfare forces including mobile construction battalions (MCB), amphibious construction battalion (ACB), mobile security forces (MSF), fleet combat readiness groups, inshore undersea warfare groups and several other type operational units. Program includes support for emergent anti-terrorism/force protection and homeland defense requirements. <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**

BUDGET ITEM JUSTIFICATION SHEET										DATE: February 2005			
P-40													
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE SMALL ARMS AND LANDING PARTY AMMUNITION					
Program Element for Code B Items: SUBHEAD NO. A1AH								Other Related Program Elements BLIN: 033500					
	Prior Years	ID Code		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)				\$17.8	\$23.1	\$35.6	\$9.3	\$10.1	\$10.3	\$10.6	\$11.1		
<p><u>CONTINUED:</u></p> <p><u>PRODUCT IMPROVEMENT:</u>The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.</p> <p><u>RENOVATION COMPONENTS:</u> The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.</p> <p><u>GAUGE:</u> These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.</p> <p><u>NON-STANDARD ITEMS:</u> The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.</p>													

CLASSIFICATION:

UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2005		
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. A1AH										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007		
			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 CTG, 12 GA NO.9 CTG, 12 GA WARNING MUNITION, CTG, 12 GA WARNING MUNITION,	A011 A017 WM10 WM20		2,021,760	0.34	687	1,000,000	0.35	350	1,000,000	0.36	360	1,699,840	0.36	612
										70,000	0.19	14			
										70,700	7.75	548	25,200	7.87	198
										70,700	7.75	548	25,200	7.87	198
	5.56MM CARTRIDGES CTG, 5.56MM M855 CTG, 5.56MM, BLANK	A059 A080		2,378,880	0.21	500				8,500,800	0.25	2,125	1,002,960	0.25	251
				962,160	0.10	101				2,359,800	0.12	283	980,400	0.12	118
	7.62MM CARTRIDGES CTG, 7.62MM BLNK CTG, 7.62MM, LKD, BALL AND TR CTG, 7.62MM, BALL, M80, LKD CTG, 7.62MM, LKD	A111 A131 A143 A165					3,424,000	0.46	1,589	2,178,400	0.54	1,177	10,050,400	0.52	5,226
													1,864,000	0.53	988
													250,000	0.54	135
							3,039,000	0.44	1,335				387,000	0.52	201
	9MM CARTRIDGES CTG, 9MM, BALL CTG, 9MM, FRANGIBLE	A363 AA16								500,000	0.12	60	13,434,000	0.12	1,612
										1,000,000	0.18	180	1,000,000	0.18	180
	.50 CAL CARTRIDGES CTG, .50 CAL, LKD, BALL CTG, .50 CAL, LKD & TRACER CTG, .50 CAL, MK 211, APIT, M	A555 A557 AA06		250,000	1.69	423									
				969,600	1.76	1,709	1,127,400	1.97	2,221	4,000,000	2.03	8,120	204,000	2.11	431
				1,665,600	6.01	10,005	2,813,463	6.30	17,725	2,565,000	6.37	16,339	403,000	6.48	2,612
AH350	MATCH AMMO CTG, .22 CAL, BALL, LR, MATCH CTG., 5.56MM Match PE/QA SMCA	A097 AA53					200,000	0.18	36				316,000	0.19	60
							425,000	0.53	225	400,000	0.54	216	400,000	0.55	220
							104			57		205			220
SUBTOTAL (PAGE 1 OF P5)						16,453			21,791			34,424			8,036

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2005				
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. A1AH												
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS														
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
	CONTINUED																
AH830	PRODUCTION ENGINEERING					618			750			800					820
AH850	PRODUCT IMPROVEMENT																
AH893	RENOVATION COMPONENTS																
AH894	GAUGE REQUIREMENTS																
AH895	NON-STANDARD					530			400			180					150
AH350	MATCH AMMO					154			204			235					245
	SUBTOTAL (PAGE 2 OF P5)					1302			1354			1215					1215
TOTAL						17,755			23,145			35,639					9,251

CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					SMALL ARMS AND LANDING PARTY AMMUNITION				A1AH	
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 2004	2021760	0.34	JMC ROCK ISLAND	Oct-03	MIPR	OLIN CORP	Mar-04	Nov-04	YES	
FY 2005	1000000	0.35	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Sep-05	YES	
FY 2006	1000000	0.36	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Aug-06	NO	Jul-05
FY 2007	1699840	0.36	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Aug-07	NO	Jul-06
CTG,12 GA NO.9 A017										
FY 2006	70000	0.19	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Aug-06	NO	Jul-05
CTG, 12 GA WARNING MUNITION, 100 METER WM10										
FY 2006	70700	7.75	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Feb-06	Nov-06	NO	Jul-05
FY 2007	25200	7.87	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG, 12 GA WARNING MUNITION, 200 METER WM20										
FY 2006	70700	7.75	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Feb-06	Nov-06	NO	Jul-05
FY 2007	25200	7.87	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
5.56MM CARTRIDGES CTG,5.56MM M855 A059										
FY 2004	2378880	0.21	JMC ROCK ISLAND	Oct-03	MIPR	ALLIANT TECHSYSTEMS	Mar-04	Jun-05	YES	
FY 2006	8500800	0.25	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	NO	Jul-05
FY 2007	1002960	0.25	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
D. REMARKS										
NOTE: All items shown are priced with available GFM.										

UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
								February 2005		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					SMALL ARMS AND LANDING PARTY AMMUNITION				A1AH	
					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, BLANK A080										
FY 2004	962160	0.10	JMC ROCK ISLAND	Oct-03	MIPR	ALLIANT TECHSYSTEMS	Mar-04	Feb-05	YES	
FY 2006	2359800	0.12	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	NO	Jul-05
FY 2007	980400	0.12	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
7.62MM CARTRIDGES										
CTG, 7.62MM BLNK A111										
FY 2006	500000	0.40	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	NO	Jul-05
CTG, 7.62MM, LKD, BALL AND TRACER A131										
FY 2004	3424000	0.46	JMC ROCK ISLAND	Oct-03	MIPR	ALLIANT TECHSYSTEMS	Jun-04	Sep-05	YES	
FY 2005	2178400	0.54	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Dec-05	YES	
FY 2006	10050400	0.52	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	NO	Jul-05
FY 2007	1864000	0.53	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
CTG, 7.62MM, BALL, M80, LKD A143										
FY 2007	250000	0.54	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
D. REMARKS										
NOTE: All items shown are priced with available GFM.										

CLASSIFICATION:

UNCLASSIFIED

B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE			A. DATE		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					SMALL ARMS AND LANDING PARTY AMMUNITION			SUBHEAD		
					BLIN: 033500			A1AH		
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										
7.62MM CARTRIDGES										
CTG, 7.62MM, LKD A165										
FY 2004	3039000	0.44	JMC ROCK ISLAND	Oct-03	MIPR	ALLIANT TECHSYSTEMS	Feb-04	Jul-05	YES	
FY 2007	387000	0.52	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06
9MM CARTRIDGES										
CTG, 9MM, BALL A363										
FY 2006	500000	0.12	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Aug-06	NO	Jul-05
FY 2007	13434000	0.12	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Aug-07	NO	Jul-06
CTG, 9MM, FRANGIBLE AA16										
FY 2006	1000000	0.18	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	NO	Jul-05
FY 2007	1000000	0.18	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
.50 CAL CARTRIDGES										
CTG, .50 CAL, LKD, BALL A555										
FY 2004	250000	1.69	JMC ROCK ISLAND	Oct-03	MIPR	ALLIANT TECHSYSTEMS	Mar-04	Oct-04	YES	

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			
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			
								A1AH			
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 & TRACER A557											
FY 2004	969600	1.76	JMC ROCK ISLAND	Oct-03	MIPR	MULTIPLE CONTRACTORS	Mar-04	Sep-04	YES		
FY 2005	1127400	1.97	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Dec-05	YES		
FY 2006	4000000	2.03	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Feb-06	Nov-06	NO	Jul-05	
FY 2007	204000	2.11	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Feb-07	Nov-07	NO	Jul-06	
CTG, .50 CAL, MK 211, APIT, M20 4 & 1 LK AA06											
FY 2004	1665600	6.01	JMC ROCK ISLAND	Oct-03	MIPR	ALLIANT TECHSYSTEMS	May-04	Dec-05	YES		
FY 2005	2813463	6.30	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Jul-05	Jun-06	YES		
FY 2006	2565000	6.37	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	NO	Jul-05	
FY 2007	403000	6.48	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06	
AH350											
MATCH AMMO											
CTG, .22 CAL, BALL, LR, MATCH, RIFLE A097											
FY 2005	200000	0.18	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	YES		
FY 2007	316000	0.19	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06	
D. REMARKS											
NOTE: All items shown are priced with available GFM.											

UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2005			
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 A1AH		
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	
AH350 CONTINUED MATCH AMMO CTG., 5.56MM Match AA53 FY 2005 FY 2006 FY 2007	425000 400000 400000	0.53 0.54 0.55	NSWC CRANE NSWC CRANE NSWC CRANE	Oct-04 Oct-05 Oct-06	CONTRACT CONTRACT CONTRACT	UNKNOWN UNKNOWN UNKNOWN	Apr-05 Apr-06 Apr-07	Apr-06 Apr-07 Apr-08	YES NO NO	 Jul-05 Jul-06	
D. REMARKS NOTE: All items shown are priced with available GFM.											

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL					
Program Element for Code B Items: SUBHEAD NO. A1AJ								Other Related Program Elements BLIN: 034000					
	Prior Years	ID Code		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)				\$10.1	\$10.1	\$13.9	\$10.4	\$10.9	\$11.2	\$11.5	\$11.9		
<u>ITEM DESCRIPTION/JUSTIFICATION:</u> The Pyrotechnics/Demolition program consists of approximately 230 different types of pyrotechnics/demolition items that are required to support the surface, air, ground, and underwater Navy requirements. This program provides pyrotechnics and demolition materials for all active naval vessels, amphibious and mobile construction battalions (ACB and MCB), mobile diving and salvage units, cargo handling and port groups, naval security groups, fleet composite operational readiness groups and explosive ordnance disposal groups/mobile units/detachments/teams. This program also provides materials to support the ship shock test program. These pyrotechnics items consist of illumination, signaling, identification, and location devices using flare or smoke as the primary signaling 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. <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**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL					
Program Element for Code B Items: SUBHEAD NO. A1AJ								Other Related Program Elements BLIN: 034000					
	Prior Years	ID Code		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)				\$10.1	\$10.1	\$13.9	\$10.4	\$10.9	\$11.2	\$11.5	\$11.9		

CONTINUED:

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

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

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

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

CLASSIFICATION:

UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2005				
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. A1AJ											
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS														
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007				
			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											4,992	93.75	468		
	SIGNAL, ILLUM, MARINE, YELLOW	L192											4,992	94.01	469		
	SIGNAL, ILLUM, MARINE, RED ST	L193											6,456	95.33	616		
	SIG, SMK ILLUM, MAR, MK124/13	L283		34,840	48.78	1,700	10,008	55.55	556	40,480	62.87	2,545					
	SIG, SMK ILLUM, MAR, MK 117,	LA26		141	1588.06	225	900	1262.14	1,136	760	1282.46	975					
	TRAINING DEVICES																
	SIM, HAND GRENADE, M116	L601								4,050	8.41	34	4,500	8.55	38		
	MINE CHARGES & CHARGE CUTTERS																
	CONTAINER, MCD, MK 788	DWDF		2,196	61.24	135							2,496	64.17	160		
	CHARGE, LIDD, MK171	DWDN					1,169	127.87	150				2,900	121.53	353		
	CHG, DML, BLK, COMP C-4, 1.25	M023								19,500	15.66	305					
	CHG, DML, BLK, M118, PETN, 2L	M024					2,500	58.58	146				3,340	56.58	189		
	CHG, ASSY, DML, M183/37	M757								1,500	437.86	657					
SUBTOTAL (PAGE 1 OF P5)						2,060			1,988			4,516			2,293		

CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2005					
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. A1AJ												
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS															
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007					
			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																	
	AFS NON-ELECTRIC FIRING KIT	AFSK					1,500	151.00	227							2,500	155.90	390
	DETONATOR, DEL, 175MS, MK156	DWEJ													10,000	10.29	103	
	DETONATOR, DEL, 200MS, MK157	DWEK													10,000	10.29	103	
	DETONATOR, DEL, 17MS, MK 158	DWEL									5,050	13.39	68					
	DETONATOR, DEL, 42MS, MK 159	DWEM									5,050	13.39	68					
	DETONATOR, DEL, 25MS, MK 160	DWEN									5,050	13.39	68					
	FIRING DEVICE, ACOUSTIC, MK 5	DWES		1,074	1452.70	1,560									1,146	1547.45	1,773	
	REMOTE FIRING DEVICE, MK 64 M	DWFD									14,000	63.81	893					
	BREECH PLUG ASSEMBLY, TITANIUM	DWFL					1,530	111.77	171									
	CAP, BLASTING, ELECTRIC, MK 1	DWFP		41,444	59.38	2,461									26,900	69.90	1,880	
	CAP, BLASTING, ELEC, INERT	M098									4,000	7.86	31					
	CAP, BLASTING, NON-ELEC, M7	M131		35,920	9.60	345					35,000	10.39	364					
	CORD, DETONATING, PRIMACORD,	M456		704,000	0.32	227					1,000,000	0.43	430					
	FUZE, BLASTING, TIME	M670		200,000	0.22	44	440,000	0.31	138	400,000	0.23	92						
	SQUIB, ELECTRIC, MK 20	MG61					9,000	84.91	764	9,110	86.28	786						
	FIRING DEVICE, DML MULTIPURPO	ML03								15,008	32.61	489						
	RADIO FIRING DEVICE (RFD) MK	ML06					50	18390.00	920	44	18686.08	822						
	DET, NON-EL, 50' DUAL, MK 153	MN51					138	54.88	8									
	FIRING DEVICE, MK 62	MN81					2,380	852.11	2,028									
	CONNECTOR, DET CORD, PLASTIC	MW49													30,000	0.48	15	
	SUBTOTAL (PAGE 2 OF P5)					4637			4256			4111					4264	
TOTAL						6,697			6,244			8,627					6,557	

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2005			
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. A1AJ											
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2004			FY 2005			FY 2006			FY 2007			
			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															
	BOLT, EXPL, MK5/0	M254					72	4532.15	326							
	CTG, IMPULSE, MK 148	M663								100	971.41	97				
	CTG, 50 CAL BLANK, ELEC, MK20	SS01								22,000	67.74	1,490				
	SHOCK TEST CHARGES															
	CHARGE, SHOCK TEST, 60 LB	XW65		314	1432.71	450	525	1501.55	788	550	1601.01	881	550	1628.95	896	
	PE/QA SMCA					16			100			161			173	
AJ830	PRODUCTION ENGINEERING					981			1,157			1,300			1,339	
AJ850	PRODUCT IMPROVEMENT					1,593			1,190			1,017			1,050	
AJ893	RENOVATION COMPONENTS					110			111			115			117	
AJ894	GAUGE REQUIREMENTS					16			17			18			19	
AJ895	NON-STANDARD					196			161			204			212	
SUBTOTAL (PAGE 3 OF P5)						3362			3850			5283			3806	
TOTAL						10,059			10,094			13,910			10,363	

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CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE February 2005				
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL BLIN: 034000			SUBHEAD A1AJ			
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 2007	4992	93.75	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06	
SIGNAL, ILLUM, MARINE, YELLOW COMET L192											
FY 2007	4992	94.01	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06	
SIGNAL, ILLUM, MARINE, RED STAR MK1 L193											
FY 2007	6456	95.33	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Feb-08	NO	Jul-06	
SIG, SMK ILLUM, MAR, MK124/13, DISTRESS L283											
FY 2004	34840	48.78	JMC ROCK ISLAND	Oct-03	MIPR	PYROTECHNIC SPECIALTIE	Sep-04	Mar-06	YES		
FY 2005	10008	55.55	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Oct-05	Apr-07	NO	Jun-05	
FY 2006	40480	62.87	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	NO	Jul-05	
SIG, SMK ILLUM, MAR, MK 117, GREEN LA26											
FY 2004	141	1588.06	NSWC CRANE	Oct-03	CONTRACT	CRANE AAA	Nov-04	Jun-05	YES		
FY 2005	900	1262.14	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Oct-06	YES		
FY 2006	760	1282.46	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Oct-07	NO	Jul-05	

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				A1AJ	
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										
TRAINING DEVICES										
SIM, HAND GRENADE, M116 L601										
FY 2006	4050	8.41	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Sep-06	Sep-07	NO	Jul-05
FY 2007	4500	8.55	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Sep-07	Sep-08	NO	Jul-06
MINE CHARGES & CHARGE CUTTERS										
CONTAINER, MCD, MK 788 DWDF										
FY 2002	1812	61.15	NSWC CRANE	Oct-01	CONTRACT	NSWC CRANE, CODE 4053	Mar-04	Mar-05	YES	
FY 2004	2196	61.24	NSWC CRANE	Oct-03	CONTRACT	NSWC CRANE, CODE 4053	Mar-04	Mar-05	YES	
FY 2007	2496	64.17	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
CHARGE, LIDD, MK171 DWDN										
FY 2005	1169	127.87	NSWC CRANE	Oct-04	CONTRACT	CRANE AAA	Jan-06	Feb-06	YES	
FY 2007	2900	121.53	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	May-08	NO	Jul-06
CHG, DML, BLK, COMP C-4, 1.25/2.5LB M023										
FY 2006	19500	15.66	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Aug-06	Aug-07	NO	Jul-05
CHG, DML, BLK, M118, PETN, 2LB M024										
FY 2005	2500	58.58	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Apr-05	Feb-06	YES	
FY 2007	3340	56.58	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Apr-07	Feb-08	NO	Jul-06
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 PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL BLIN: 034000				SUBHEAD A1AJ	
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 CHG, ASSY, DML, M183/37 M757 FY 2006	1500	437.86	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Apr-07	NO	Jul-05
DET CORDS, CAPS & FUZES AFS NON-ELECTRIC FIRING KIT AFSK FY 2005	1500	151.00	NSWC CRANE	Apr-05	CONTRACT	UNKNOWN	Aug-05	Aug-06	NO	Mar-05
FY 2007	2500	155.90	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
DETONATOR, DEL, 175MS, MK156 MOD 0, 30FT DWEJ FY 2007	10000	10.29	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
DETONATOR, DEL, 200MS, MK157 MOD 0, 16FT DWEK FY 2007	10000	10.29	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
DETONATOR, DEL, 17MS, MK 158 MOD 0, 12FT DWEL FY 2006	5050	13.39	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	NO	Jul-05
DETONATOR, DEL, 42MS, MK 159 MOD 0, 12FT DWEM FY 2006	5050	13.39	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	NO	Jul-05
DETONATOR, DEL, 25MS, MK 160 MOD 0, 12FT DWEN FY 2006	5050	13.39	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	NO	Jul-05
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		
								February 2005		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					PYROTECHNICS AND DEMOLITION MATERIAL				A1AJ	
					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										
DET CORDS, CAPS & FUZES FIRING DEVICE, ACOUSTIC, MK 58 DWES										
FY 2004	1074	1452.70	NSWC CRANE	Oct-03	CONTRACT	HI-SHEAR TECHNOLOGY CO	May-04	Aug-06	YES	
FY 2007	1146	1547.45	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Oct-08	NO	Jul-06
REMOTE FIRING DEVICE, MK 64 MOD 0 DWFD										
FY 2006	14000	63.81	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	NO	Jul-05
BREECH PLUG ASSEMBLY, TITANIUM DISRUPTER DWFL										
FY 2005	1530	111.77	NSWC CRANE	Feb-05	CONTRACT	UNKNOWN	Apr-05	Jun-06	YES	
CAP, BLASTING, ELECTRIC, MK 17 MOD 1 DWFP										
FY 2004	41444	59.38	NSWC CRANE	Jan-05	CONTRACT	UNKNOWN	Mar-05	Dec-05	YES	
FY 2007	26900	69.90	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Apr-08	NO	Jul-06
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 February 2005		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL BLIN: 034000				SUBHEAD A1AJ	
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 CAP, BLASTING, ELEC, INERT M098 FY 2006	4000	7.86	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Feb-07	NO	Jul-05
CAP, BLASTING, NON-ELEC, M7 M131 FY 2004	35920	9.60	NSWC CRANE	Oct-03	CONTRACT	STRESAU LABORATORY	May-04	Mar-05	YES	
FY 2006	35000	10.39	NSWC CRANE	Oct-05	MIPR	UNKNOWN	Apr-06	Feb-07	NO	Jul-05
CORD, DETONATING, PRIMACORD, PETN M456 FY 2004	704000	0.32	JMC ROCK ISLAND	Oct-03	MIPR	ENSIGN BICKFORD SIMSBU	Jun-04	Jan-05	YES	
FY 2006	1000000	0.43	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Jun-06	Jan-07	NO	Jul-05
FUZE, BLASTING, TIME M670 FY 2004	200000	0.22	JMC ROCK ISLAND	Oct-03	MIPR	ENSIGN BICKFORD SIMSBU	May-04	Dec-05	YES	
FY 2005	440000	0.31	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Apr-05	Feb-06	YES	
FY 2006	400000	0.23	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Apr-06	Feb-07	NO	Jul-05
SQUIB, ELECTRIC, MK 20 MG61 FY 2005	9000	84.91	NSWC CRANE	Jun-05	CONTRACT	UNKNOWN	Oct-05	Oct-06	NO	Apr-05
FY 2006	9110	86.28	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	NO	Jul-05

D. REMARKS

NOTE: All items shown are priced with available GFM.

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL BLIN: 034000			SUBHEAD			
								A1AJ			
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 FIRING DEVICE, DML MULTIPURPOSE ML03 FY 2006	15008	32.61	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Jan-06	Nov-06	NO	Jul-05	
RADIO FIRING DEVICE (RFD) MK 186 ML06 FY 2005	50	18390.00	NSWC CRANE	Oct-04	CONTRACT	ROTHENBUHLER ENG	Jan-05	Apr-08	YES		
FY 2006	44	18686.08	NSWC CRANE	Oct-05	CONTRACT	UNKNOWN	Apr-06	Sep-08	NO	Jul-05	
DET, NON-EL, 50' DUAL, MK 153 MN51 FY 2005	138	54.88	NSWC CRANE	Oct-04	CONTRACT	ENSIGN BICKFORD SIMSBU	Jan-05	Apr-05	YES		
FIRING DEVICE, MK 62 MN81 FY 2005	2380	852.11	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	YES		
CONNECTOR, DET CORD, PLASTIC MW49 FY 2007	30000	0.48	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Apr-07	Feb-08	NO	Jul-06	
CUTTERS & CARTRIDGES BOLT, EXPL, MK5/0 M254 FY 2005	72	4532.15	UNKNOWN	Oct-04	CONTRACT	UNKNOWN	Apr-05	Oct-06	YES		
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 PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE PYROTECHNICS AND DEMOLITION MATERIAL BLIN: 034000				SUBHEAD A1AJ		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE	
AJ100 CONTINUED											
CUTTERS & CARTRIDGES CTG, IMPULSE, MK 148 M663 FY 2006	100	971.41	INDIAN HEAD	Oct-05	CONTRACT	UNKNOWN	Apr-06	Jun-07	NO	Jul-05	
CTG, 50 CAL BLANK, ELEC, MK209 SS01 FY 2006	22000	67.74	NSWC CRANE	Nov-05	CONTRACT	UNKNOWN	Apr-06	Apr-07	NO	Sep-05	
SHOCK TEST CHARGES CHARGE, SHOCK TEST, 60 LB XW65											
FY 2004	314	1432.71	JMC ROCK ISLAND	Oct-03	MIPR	CRANE AAA	Feb-04	Feb-05	YES		
FY 2005	205	1527.15	NSWC CRANE	Oct-04	CONTRACT	NSWC INDIAN HEAD	Nov-04	Nov-05	YES		
FY 2005	320	1485.15	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Nov-05	YES		
FY 2006	550	1601.01	JMC ROCK ISLAND	Oct-05	MIPR	UNKNOWN	Jan-06	Jan-07	NO	Jul-05	
FY 2007	550	1628.95	JMC ROCK ISLAND	Oct-06	MIPR	UNKNOWN	Jan-07	Jan-08	NO	Jul-06	

D. REMARKS

NOTE: All items shown are priced with available GFM.

CLASSIFICATION: **UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								P-1 ITEM NOMENCLATURE JUDGEMENT FUND - BLI 0365					
Program Element for Code B Items:								Other Related Program Elements					
	Prior Years	ID Code		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY													
COST (In Millions)				\$20.1									
<p><u>ITEM DESCRIPTION/JUSTIFICATION:</u></p> <p>PJ001: Funding required for payment of Judgement fund</p> <p>.</p>													

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET				DATE: FEBRUARY 2005								
P-40				P-1 ITEM NOMENCLATURE BLI 040000								
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/ BA-1				Ammunition less than \$5 million (J1A5)								
Program Element for Code B Items: BLI: 040000			Other Related Program Elements									
	Prior Years	ID Code	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total
QUANTITY											continuing	continuing
COST (In Millions)	\$12.6	A	\$2.1	\$3.1	\$3.2	\$1.2	\$3.2	\$3.2	\$3.3	\$3.4	continuing	continuing
<p>Beginning in FY 2000, Marine Location Markers budgeted in the Ammunition less than \$5 million line item.</p> <p>Ammunition Less than \$5 Million These items include both air-launched and hand-launched pyrotechnic devices. The aircraft launched units visually assist in the location of sonobouys during anti-submarine operations. The hand launched units are used in a variety of situations to include SAR operations, Man Overboard drills and Target Marking. The MK 58 was designed for day or night use in any condition calling for long burning, smoke and flame reference-point marking on the ocean. It produces yellow flame and white smoke for 40-60 minutes which is visible for at least three miles under normal operating conditions. The MK 25 is designed to launch from aircraft (primary) or surface craft to provide day/night reference-points in marking the course of enemy contacts. It is suitable for any type of sea surface reference point marking that requires both smoke and flame propagation for approximately fifteen minutes.</p> <p>The current budget profile provides funding for support efforts (PES, ILS), procurement of non-standard items, and renovation components for future procurements.</p>												

