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



# JUSTIFICATION OF ESTIMATES FEBRUARY 2003

# PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS BUDGET ACTIVITY 1

#### Department of the Navy

#### FY 2004/2005 Procurement Program

Exhibit P-1

					тс	A, \$ IN 1				
NE O ITEM NOMENCLATURE 	IDENT CODE	(DOLLARS) FY 2004 UNIT COST	FY 2 QUANTITY		FY 2 QUANTITY	.003 Cost	FY 2 QUANTITY	2004 Cost	FY 2 QUANTITY	
UDGET ACTIVITY 01: Navy Ammuniti	Lon									
avy Ammunition										
1 0145 General Purpose Bombs	A			63.8		299.5		164.1		226.4
2 0148 JDAM	В	22,501	14553	301.8	12280	275.2	12326	277.3	11014	264.9
3 0151 Airborne Rockets, All Type	es A			20.3		51.4		28.2		38.1
4 0155 Machine Gun Ammunition	A			13.2		30.3		17.9		25.8
5 0160 Practice Bombs	A			34.8		64.5		51.4		53.9
6 0180 Cartridges & Cart Actuated	d De A			23.0		25.9		26.4		26.5
7 0181 Aircraft Escape Rockets	A			9.9		10.6		10.9		10.9
8 0182 Air Expendable Countermeas	sure A			39.2		38.2		44.1		56.7
9 0194 JATOS	A			5.3		4.5		4.6		4.5
0 0250 5 Inch/54 Gun Ammunition	A			16.0		12.0		13.2		20.0
1 0253 Extended Range Guided Muni	itio A			5.1		-		3.8		21.6
2 0265 76mm Gun Ammunition	A			1.0		8.2		1.2		1.2
3 0270 Other Ship Gun Ammunition	A			7.2		9.9		16.4		19.5
4 0335 Small Arms & Landing Party	y Am A			8.8		18.7		17.7		23.3
5 0340 Pyrotechnic and Demolition	n A			8.3		10.2		10.5		10.3
6 0350 Mine Neutralization Device	es A			4.9		2.7		-		-
7 0400 Ammunition less than \$5 mi	illi			1.3		3.1		2.2		3.2
8 0415 CAWCF Closure Costs				6.8		-		-		-
OTAL Navy Ammunition				570.9		864.7		690.0		806.8

\* ITEMS UNDER \$50,000

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

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

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

BUDGE	T ITEM JUS	<b>IFICATION</b>	SHEET			DATE:									
	P-40						<b>FEBRU</b>	ARY 2003							
APPROPRIATION/BUDGET ACTIVITY				P-1 ITEM NO	MENCLATURE	-									
PROCUREMENT OF AMMUNITION, NA	VY & MARINE	E CORPS		General I	Purpose Bon	nbs (J1Q2)(B	LI 014500)								
Program Element for Code B Items:				Other Related	l Program Elen	nents									
B.A.1 - Navy Ammunition	P-40         FEBRUARY 2003           N/BUDGET ACTIVITY         P-1 ITEM NOMENCLATURE         General Purpose Bombs (J1Q2)(BLI 014500)           TO FAMMUNITION, NAVY & MARINE CORPS         General Purpose Bombs (J1Q2)(BLI 014500)         Other Related Program Elements           If or Code B Items:         Dther Related Program Elements         Other Related Program Elements           # Years         Code         FY 2002         FY 2003         FY 2004         FY 2005         FY 2006         FY 2007         FY 2008         FY 2009         Complete         TO           \$ \$327.3         A         \$63.8         \$299.5         \$164.1         \$226.4         \$220.3         \$186.4         \$187.0         \$171.8         Cont         Cot           \$ \$327.3         A         \$63.8         \$299.5         \$164.1         \$226.4         \$220.3         \$186.4         \$187.0         \$171.8         Cont         Cot           \$ \$316.0*         Image: Signal Sig														
	P-40         FEBRUARY 2003           DN/BUDGET ACTIVITY         P-1 ITEM NOMENCLATURE           SMT OF AMMUNITION, NAVY & MARINE CORPS         General Purpose Bombs (J1Q2)(BLI 014500)           If or Code B Items:         Other Related Program Elements           Ammunition         Veriar Code         FY 2002         FY 2003         FY 2004         FY 2005         FY 2006         FY 2007         FY 2008         FY 2009         Complete         To           \$327.3         A         \$63.8         \$299.5         \$164.1         \$226.4         \$220.3         \$186.4         \$187.0         \$171.8         Cont         Cot           \$327.3         A         \$63.8         \$299.5         \$164.1         \$226.4         \$220.3         \$186.4         \$187.0         \$171.8         Cont         Cot           \$12 Cy 2, FY 03, FY 04 and FY 05):         The procurement is for expenditure replacement and to maintain war reserve.         The BLU-111 A/B is a thermally protected 500 lb           tic bonded explosive (PBXN-109) to enhance its insensitivity.         State accommodate training and improve we posture.         Conical Fins, BSU-86A/B Fins, BSU-85 Fins and MK 83 Conical Fins (FY 02, FY 03, FY 04 and FY 05); Procurement will be combined with warheads and fuzes from inventory.         Ta rea to accommodate training and improve or reporter MK84. The BLU-110A/B is a 1,000 lb General Purpose. ThemalLy Protected Bomb that is loaded														
Years Code	P-40         FEBRUARY 2003           UDGET ACTIVITY         P-1 ITEM NOMENCLATURE         General Purpose Bombs (J1Q2)(BLI 014500)           Code B Items:         Other Related Program Elements         Unition           Imition         Prior         ID         FY 2003         FY 2004         FY 2005         FY 2006         FY 2007         FY 2008         FY 2009         Complete           \$327.3         A         \$63.8         \$299.5         \$164.1         \$226.4         \$220.3         \$186.4         \$187.0         \$171.8         Cont           \$316.0*														
QUANTITY	P-40       FEBRUARY 2003         SUDGET ACTIVITY       P-1 ITEM NOMENCLATURE         General Purpose Bombs (J102)(BLI 014500)       General Purpose Bombs (J102)(BLI 014500)         or Code B tems:       Other Related Program Elements         nuntion       ID       Y2002       FY 2003       FY 2004       FY 2005       FY 2006       FY 2007       FY 2008       FY 2009       Complete         \$327.3       A       \$63.8       \$299.5       \$164.1       \$226.4       \$220.3       \$186.4       \$187.0       \$171.8       Cont         (2 , FY 03, FY 04 and FY 05):       The procurement is for expenditure replacement and to maintain war reserve.       The BLU-111 A/B is a thermally protected 500         (2 , FY 03, FY 04 and FY 05):       The procurement is for expenditure replacement and to maintain war reserve.       The BLU-111 A/B is a thermally protected 500         (2 , FY 03, EY 04 and FY 05):       The procurement is for expenditure replacement and to maintain war reserve.       The BLU-111 A/B is a thermally protected 500         (2 = FY 03, EY 04 and FY 05):       The orcurement is for expenditure replacement and to maintain war reserve.       The BLU-111/B weapon is a 2000 lb bomb ive for shipboard use, which is an improved weapon over the older MK84. The BLU-110/AB is a 1,000 lb General Purpose Thermally Protected Bomb that is to place whiph is an improved weapon over the HOP TO avoid further impact of an already degraded Wareseve stockpile.														
COST (In Millions) \$327.3 A	\$327.3       A       \$63.8       \$299.5       \$164.1       \$226.4       \$220.3       \$186.4       \$187.0       \$171.8       Cont         \$316.0*       \$316.0*       \$316.0*       \$100														
Non Add DERF	Y 02 , FY 03, FY 04 and FY 05):       The procurement is for expenditure replacement and to maintain war reserve.       The BLU-111 A/B is a thermally protected 500 bonded explosive (PBXN-109) to enhance its insensitivity.         ed Bomb (LGB) guidance units and airfoils (FY 02, FY 03, FY 04 and FY 05):       Procurement will be combined with warheads and fuzes from inventor														
filled with plastic bonded explosive (PBXN- The Laser Guided Bomb (LGB) guidance procurements are to accommodate training The BSU-33 Conical Fins, BSU-86A/B Fin The BLU -117/B and BLU-110A/B (FY insensitive explosive for shipboard use, we plastic bonded explosive (PBXN-109) to er MK 77 Bombs (FY04-FY05): The procurent The Product Improvement Program (PIP) Agency's more stringent requirements. <u>PES/ILS:</u> Production engineering suppor efforts include providing recommendation award surveys, post award conferences, F buy of end items. <u>Non-Add:</u> Defense Emergency Response Equipment/Facilitization).	109) to enhance <u>e units</u> and airf g and improve th <u>s, BSU-85 Fins a</u> <u>05)</u> : The pro- hich is an impro- hance its insens- ment is to sustain <u>:</u> The PIP effort t (PES) and Intens and assisting first Article Testin <u>e Fund (DERF)</u>	its insensitivity ioils (FY 02, e war reserve   and MK 83 Cor curement is for ved weapon ov- sitive munitions in training requi : is being used grated logistics in rapid resolu- ng or any other : \$316M for 1 ed to procure a	7. <u>FY 03, FY 0</u> posture. <u>nical Fins (FY 0</u> or expenditure ver the older M performance. rements over t d to continue i s support (ILS) tion of mainte technical pro Laser Guided a total of 17,68	<u>A and FY 05)</u> <u>52, FY 03, FY (</u> replacement a IK84. The BLL he FYDP to ave nvestigation re are continuing nance procedu blems which m Bomb Kits, G	Procuremer <u>A and FY 05)</u> nd to maintain J-110A/B is a bid further impa garding hardwa re discrepancia ay arise. Thes eneral Purpos	t will be com <u>:</u> Procurement war reserve. 1,000 lb Genera act of an alread are coating ma port of the proc es to achieve of se funds are pro- se Bombs, fins	bined with wa is to replace ex The BLU-11 al Purpose The y degraded Wa terials necessa curement of GF optimum asset ovided in paral and fuzes (in	arheads and fu xpenditures and 7/B weapon is armally Protecte ar Reserve stoc ary in meeting P bombs and a readiness; aud lel with the FY acludes \$5.9M	uzes from inver a 2000 lb bor ed Bomb that i ekpile. the Environme ncillary compor lits, pre-award 02, FY 03, FY 0 for Special To	ntory. These ar reserve. mb filled with s loaded with nt Protection nents. These surveys, post 04 and FY 05 poling & Test					

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P-1 SHOPPING LIST ITEM NO. 1 PAGE NO. 1 CLASSIFICATION:

#### UNCLASSIFIED

	BUDG	ET ITEM JU		N SHEET FOR /	AGGREGATED	ITEMS		DATE:	Falser	
PPROPRIATION/BUDGET ACTIVITY				P-40a			P-1 ITEM NOMENCLATU		Februa	ary 2003
			CORRE						( 14 O 2)/BL L 04 4500)	
ROCUREMENT OF AMMUNITIC	ID	Prior					Gene	ral Purpose Bombs		r
Procurement Items	Code	Years*	FY 2002	FY 2003	FY 2004	FY 2005			Complete	Tota
GB AFG(MXU-667/B/MXU-650/B)	А		ł – – – – –							
QTY	~		0	13,437	5,288	5,278				
Funding			\$0	\$67,185	\$27,101	\$27,725			Cont	Cont
GB GUIDANCE UNIT(MAU-169 GU)	Α		<u> </u>	<i><b>Q</b>01,100</i>	φ21,101	<i>\\\\\\\\\\\\\</i>			o o i n	00.11
QTY			2,480	13,437	5,288	5,278				
Funding			\$24,922	\$134,370	\$54,202	\$55,451			Cont	Cont
LU117/B (2000LB) TP	Α									
QTY			0	0	0	2,000				
Funding			\$0	\$0	\$0	\$21,554			Cont	Cont
U-111A/B PBX LOAD/MK 82 Live	Α									
QTY			11,670	22,745	25,333	22,070				
FUNDING			\$29,980	\$57,973	\$65,880	\$59,148			Cont	Cont
U-110A/B PBX LOAD (F288)	Α									
QTY			0	0	0	4,980				
FUNDING			\$0	\$0	\$0	\$27,940			Cont	Cont
K 77 Bomb	A									
QTY	-		0	0	500	500			Cont	Cont
FUNDING			\$0	\$0	\$1,794	\$1,839				
SU-86A/B	A									
QTY			1,716	1,884	3,133	3,103				0.1
FUNDING			\$4,208	\$4,753	\$8,067	\$8,158			Cont	Cont
SU-33 Conical Fins	Α		11.040	00.40.4	10.000					
QTY FUNDING			11,940	29,134	13,200	26,000			0 sut	0
			\$1,058	\$2,624	\$1,210	\$2,438			Cont	Cont
MU-143E/B QTY	Α		0	1,500	0	0				
FUNDING	_		\$0	\$3,455	\$0	\$0			Cont	Cont
IK 83 Conical Fins	А		φU	φ3,400	φU	φU			Cont	Cont
QTY	A		0	5,372	1,000	5,000				
FUNDING			\$0	\$1,044	\$199	\$1,021			Cont	Cont
IK 84 Conical Fins	A		ΨŬ	ψ1,044	φ100	ψ1,021			Cont	COIII
QTY	~		0	0	0	0				
FUNDING			\$0	\$0	\$0	\$0			Cont	Cont
SU-85	Α		ψũ	φυ	ψŬ	φυ			Cont	Cont
QTY			0	2,552	1,500	9,050				
FUNDING			\$0	\$2,169	\$1,299	\$7,986			Cont	Cont
MU-139 FUZE	Α			<i> </i>	¢.,_50	÷:,:50				1
QTY			0	4,600	0	3,650				l I
FUNDING			\$0	\$9,200	\$0	\$7,578			Cont	Cont
K 76 (E973)	Α						Ĺ			
QTY			0	10,000	0	0				
FUNDING			\$0	\$302	\$0	\$0			Cont	Cont
DU-48 (E962)	Α									
QTY			0	27,000	0	0				
FUNDING			\$0	\$812	\$0	\$0			Cont	Cont
K 82 INERT (F017)	Α									
QTY			0	1,542	0	0				
FUNDING			\$0	\$1,730	\$0	\$0			Cont	Cont
K 84 INERT	Α									
QTY			0	2,285	0	0				
FUNDING			\$0	\$6,969	\$0	\$0			Cont	Cont
LL OTHER SUPPORT			\$3,642	\$6,881	\$4,353	\$5,588			Cont	Cont
DTAL P-1 FUNDING		\$326,618	63,810	299,467	164,105	226,426			Cont	Cont

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ITEM NO. 1 PAGE NO. 2

#### **UNCLASSIFIED**

	WEA	0113	P-5	ST ANALYS	13				Weapon Sy	3(6)11			Date:	FEBRUA	ARY 2003
PPROF	PRIATION/BUDGET ACTIVITY		r-v						ID Code	P-1 ITEM NO	MENCLATU	RE/SUBHEAD	1		200
OCUF	EMENT OF AMMUNITION, NAVY & MAR	INE CO	RPS												
A. 1 -	Navy Ammunition									GENERAI	- PURPO	SE BOMB	S (J1Q2)(	BLI 014500	0)
			TOTAL COST	T IN THOUSAN	NDS OF DOLI	LARS									
OST	ELEMENT OF COST	ID	Prior		FY 2002			FY 2003			FY 2004			FY 2	2005
CODE		Code	Years Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Co
	GENERAL PURPOSE BOMBS SUBTOTAL					35,246			<u>91,032</u>			78,449			<u>137</u> ,
	BLU-117/B (2000LB BOMB)(EB04)	Α				0			0			0	2,000	10,777.23	21
	BLU-111A/B PBX Load(F289)/MK 82 Live	A		11,670	2,568.96	29,980	22,745	2,548.83	57,973	25,333	2,600.55	65,880		2,680.04	59
	BLU-110A/B PBX LOAD (F288)	A				0			0			0	4,980	5,610.38	27
2TBD	MK 77 Bombs	Α				0			0	500	3,588.00	1,794	500	3,678.00	1
2020	BSU-86A/B	Α		1,716	2,451.96	4,208	1,884	2,523.02	4,753	3,133	2574.96	8,067	3,103	2,629.12	8
2010	BSU-33 Conical Fins(F782)	Α		11,940	88.65	1,058	29,134	90.05	2,624	13,200	91.64	1,210	26,000	93.77	2
2179	FMU-143E/B	Α				0	1,500	2,303.43	3,455			0			
2030	MK 83 Conical Fins	Α				0	5,372	194.40	1,044	1,000	199.26	199	5,000	204.24	1,
2031	BSU-85	А				0	2,552	850.00	2,169	1,500	866.05	1,299	9,050	882.40	7,
	FMU-139 FUZE	Α				0	4,600	2,000.00	9,200	0	2037.76	0	3,650	2,076.23	7
2033	MK 76	Α				0	10,000	30.19	302			0			
	BDU-48 (E962)	Α				0	27,000	30.08	812			0			
	MK82 INERT	Α				0	1,542	1,121.76	1,730			0			
2036	MK 84 INERT	Α				0	2,285	3,050.00	6,969			0			
	LASER GUIDED BOMB KITS SUBTOTAL					<u>24,922</u>			<u>201,555</u>			<u>81,303</u>			<u>83,</u>
2180	AIR FOILS (MXU-667/B) (FW95)	Α				0	6,718	5,000.00	(33,590)			0	1,000	5,253.00	(5,
2180	AIR FOILS (MXU-650/B) (F763)	Α				0	6,719	5,000.00	(33,595)	5,288	5,125.00	(27,101)	4,278	5,253.00	(22,4
2180	GUIDANCE UNIT MAU-169 (FW94)	Α		2,480	10,049.00	(24,922)	13,437	10,000.00	(134,370)	5,288	10,250.00	(54,202)	5,278	10,506.00	(55,4
	PROCUREMENT SPT, MODS, OTHER														
2800	ILS SUBTOTAL					<u>340</u>			<u>600</u>			400			
	ILS (GP Bombs)					(200)			(200)			(200)			(2
	ILS (GBU)					(140)			(400)			(200)			(2
	.20 (020)					(110)			(100)			(200)			(-
2830	PES/NAVY SUBTOTAL					2,751			5,631			3,339			4
	PES (GP Bombs)					(1,951)			(2738)			(1655)			(10
	PES (GBU & LGB)					(800)			(2893)			(1684)			(2,8
	OTHER SUBTOTAL					<u>551</u>			<u>650</u>			<u>614</u>			
2850	PIP					100			100			100			
	Non Standard Items					0			100			100			
	Renovation Components					200			200			164			
	Gaging					251			250			250			
						-									
	FY 2002 DERF - NON-ADD														
	GBU-16 (MXU-667 AFG & MAU-209 GU)			6,657	12,796.00	85,186									
	MAU-169 GUIDANCE UNIT			8,548	10,096.25	86,303									
	GBU-12 (MXU-650)			11,028	4,006.35	44,182									
	BLU-117			3,544	12,666.94	44,892									
	BSU-86A/B					-									
				2,688	2,451.96	6,591									
	FMU-143			1,346	2,226.68	2,997									
	BLU-111A/B			9,864	2,526.32	24,920									
	DSU-33			5,670	1,234.48	7,000									
	FZU-48			18,959	421.96	8,000									
	Special Tooling & Test Eqp/Facilitization					5,929									
	TOTAL		326,618			63,810			299,467			164,105			226

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

									FEBRUAF	RY 2003
					C. P-1 ITEM NO		500)		SUBHEAD	14.00
ROCUREMENT OF AMMUNITION, N 3.A.1 - NAVY AMMUNITION	AVY & M/	ARINE CORI	-5		General Pur	rpose Bombs(BLI 014	500)			J1Q2
				252 100115	CONTRACT			DATE OF	SPECS	DATE
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	FIRST DELIVERY	AVAILABLE NOW	REVISIONS AVAILABLE
ENERAL PURPOSE BOMBS										
2160 BLU-117/B(2000 LB)									1	
FY 02 DERF (BLU-117/B)	3,544	12,666.94	Rock Island, IL	Dec-01	C/FP	MCALESTER, AAP	Apr-02	Sep-03	YES	
FY05	2,000	10,777.23	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-05	Sep-06	YES	
2191 BLU-111A/B PBX Load	,	,	,							
FY02	11,670	2,568.96	Rock Island, IL	Jan-02	C/FP	MCALESTER, AAP	Apr-02	Sep-03	YES	
FY02 DERF (BLU-111A/B PBX Load	9,864	2,526.32	Rock Island, IL	Dec-01	C/FP	UNKNOWN	Apr-02	Sep-03	YES	
FY03	22,745	2,548.83	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Apr-03	Sep-04	YES	
FY04	25,333	2,600.55	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-04	Sep-05	YES	
FY05	22,070	2,680.04	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-05	Sep-06	YES	
2TBD BLU-110A/B	, -									
FY05	4,980	5,610.38	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-05	Sep-06	YES	
2TBD MK 77 Bomb							•	· ·		
FY04	500	3,588.00	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-04	Sep-05	YES	
FY05	500	3,678.00	Rock Island, IL	TBD	C/FP	UNKNOWN	Apr-05	Sep-06	YES	
22020 BSU-86A/B							•	· ·		
FY02	1,716	2,451.96	Rock Island, IL	Jan-02	C/FP	UNKNOWN	Apr-02	Sep-03	YES	
FY02 DERF (BSU-86A/B)	2,688	2,451.96	Rock Island, IL	Dec-01	C/FP	UNKNOWN	Apr-02	Sep-03	YES	
FY03	1,884	2,523.02	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES	
FY04	3,133	2,574.96	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-04	Feb-05	YES	
FY05	3,103	2,629.12	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-05	Feb-06	YES	
2010 BSU-33 Conical Fins	-,	,	,							
FY02	11,940	88.65	Rock Island, IL	Jan-02	C/FP	UNKNOWN	Apr-02	Sep-03	YES	
FY03	29,134	90.05	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES	
FY04	13,200	91.64	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-04	Feb-05	YES	
FY05	26,000	93.77	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-05	Feb-06	YES	
02179 FMU-143E/B(F849)	,_ 0								. = =	
FY03	1,500	2,303.43	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Apr-03	Sep-04	YES	
FY02 DERF (FMU-143E/B)	1,346	2,226.68	Rock Island, IL	Dec-01	C/FP	UNKNOWN	Apr-02	Sep-03	YES	
/K 83 Conical Fins	.,	_,00					····		. = =	
FY03	5,372	194.40	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES	
FY04	1,000	199.26	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-04	Feb-05	YES	
FY05	5,000	204.24	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-05	Feb-06	YES	
3SU-85	2,230								. = =	
FY03	2,552	850.00	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES	
FY04	1,500	866.05	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan 04	Feb-05	YES	
FY05	9,050	882.40	Rock Island, IL	TBD	C/FP	UNKNOWN	Jan-05	Feb-06	YES	
MU-139 Fuze	0,000	002.40			0,11		5un 60	1 00 00	. 20	
FY03	4,600	2,000.00	NAVAIR	Dec-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES	
FY05	3.650	2,000.00	NAVAIR	TBD	C/FP	UNKNOWN	Jan-05	Feb-04	YES	
	0,000	2,070.20	14/10/111	100	0/11	ONNOVIN	5411 00	100.00	120	
. REMARKS:										
DD Form 2446-1, JUL 87		I	P-1 SHOPPING LIST	ITEM NO. 1	PAGE 4			CLASSIFIC	ATION	

CLASSIFICATION:

BUDGET PROCUREMENT HISTO			II (F•3A)			Weapon System		A. DATE	FEBRUAI	RY 2003
APPROPRIATION/BUDGET ACTIVITY ROCUREMENT OF AMMUNITION	N, NAVY & MAI		6		C. P-1 ITEM NON General Pur	I IENCLATURE pose Bombs(BLI 01450	0)	ļ	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>ISU-33</u> FY02 DERF	5,670	1,234.48	Eglin AFB	Jan-02	SS/FP	PRECISION FUZE CO	Feb-02	Jul-03	YES	
<u>ZU-48</u> FY02 DERF 02TBD MK 76	18,959	421.96	NAVAIR	Jan-02	SS/FP	ALLIANT TECH SYS (Janesville, WI)	Mar-02	Jul-03	YES	
FY03 22TBD BDU-48 (E962)	10,000	30.19	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES	
FY03 22TBD MK 82 INERT	27,000	30.08	Rock Island, IL	Jan-03	C/FP	UNKNOWN	Jan-03	Feb-04	YES	
FY03 2TBD MK 84 INERT	1,542	1,121.76	Rock Island, IL	Jan-03	SS/FP	MCALESTER. AAP	Jan-03	Feb-04	YES	
FY03	2,285	3,050.00	Rock Island, IL	Jan-03	SS/FP	MCALESTER, AAP	Jan-03	Feb-04	YES	

D. REMARKS:

CLASSIFICATION:

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D. 1 PAGE 5



UDGET PROCUREMENT HISTORY AND PLA		BII (P-5A)				Weapon System		A. DATE	FEBRUA	RY 2003
APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOM	ENCLATURE			SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & M	ARINE CORF	PS			General Purp	oose Bombs(BLI 014	1500)			J1Q2
3.A.1 - NAVY AMMUNITION					-	•				
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
22180 LASER GUIDED BOMBS KITS										
Dec 01 Award										
FY02 DERF (MXU-667/B/MAU-209 G Unit)	6,657	12,930.75	NAVAIR	Dec-01	SS/FP	LOCKHEED	Dec-01	Jun-02	YES	
Dec 01 Award	44.000	4 000 05		D 04	00/50		D 04	0-1-00	VEO	
FY02 DERF (MXU-650/B) FY02 DERF (MAU-169 G Unit)	11,028 8,548	4,006.35	Hill AFB Hill AFB	Dec-01 Dec-01	SS/FP SS/FP	RAYTHEON RAYTHEON	Dec-01 Dec-01	Oct-02 Oct-02	YES YES	
FY 02 Awards	0,040	10,096.25		Dec-01	33/FP	KATINEON	Dec-01	001-02	TES	
FY02 (MAU-169 G Unit)	2.480	10,049.00	Hill AFB	Dec-01	C/FP	RAYTHEON	Jul-02	Sep-03	YES	
FY 03 Awards	2,100	10,010.00		200 01	0/11	TO THE OIL	00.02	000 00	120	
FY03 (MAU-169 G Unit)	13,437	10,000.00	Hill AFB	Dec-02	C/FP	UNKNOWN	Mar-03	Oct-03	YES	
FY03 (MXU-667/B)	6,718	5,000.00	Hill AFB	Dec-02	C/FP	UNKNOWN	Mar-03	Oct-03	YES	
FY03 (MXU-650/B)	6,719	5,000.00	Hill AFB	Dec-02	C/FP	UNKNOWN	Mar-03	Oct-03	YES	
FY 04 Awards										
FY04 (MAU-169 G Unit)	5,288	10,250.00	Hill AFB	TBD	C/FP	UNKNOWN	Mar-04	Oct-04	YES	
FY04 (MXU-650/B)	5,288	5,125.00	Hill AFB	TBD	C/FP	UNKNOWN	Mar-04	Oct-04	YES	
TY05 Awards										
FY05 (MXU-667)	1,000	5,253.00	Hill AFB	TBD	C/FP	UNKNOWN	Mar-05	Oct-05	YES	
FY05 (MAU-169 G Unit)	5,278	10,506.00	Hill AFB	TBD	C/FP	UNKNOWN	Mar-05	Oct-05	YES	
FY05 (MXU 650/B))	4,278	5,253.00	Hill AFB	TBD	C/FP	UNKNOWN	Mar-05	Oct-05	YES	

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CLASSIFICATION:

P-1 SHOPPING LIST ITEM NO. 1 PAGE 6

CLASSIFICATION



	TION	SCH	HEDULE	E, P-21														DATE										FE	BRUA	RY 2003
APPROPRIATION/BUDGET ACT PROCUREMENT OF AMMUNIT			Y & MA	RINE (	CORPS								N	/eapoi	n Syst	em					ICLAT		S (BLI	014500)	)					
	••••							Producti	ion Rat	0						Procu	irement						- (		<u> </u>					
	1	Ν	Manufac	turor's				Toquet	onnat				LT Prio	r		ALT Aft		Loudin	Initial		1	Reorde	r				Т		Unit of	
Item			me and		20	N4	SR	1-8-5		мах			to Oct 1			Oct 1			/lfg PL	т		Mfg PL			Total				leasure	
LASER GUIDED BOMBS KITS	RAY			LUCali	<u>///</u>	8		600		1000/	mo.					6		IV.	12 12	I		VIIY FL	1		10121	,		IV	E	
LASER GUIDED BOMBS KITS	RAI					0	0	600		1000/	no					0			12						10				E	
LASER GUIDED BOMBS KITS	LOCI		ED			1.0	NK	400		700/m	0					6			12						18				Е	
EASER GOIDED DOMIDS RITS	LOCI			1		01	NIX				10					0			12										E	
ITEM / MANUFACTURER	F	s	Q	D	в	2001		FISCAL	YEAR 20	002			CAL	ENDAR	YEAR 2	002							FISCAL	YEAR 200 CALENE		AR 2003				
	Y	V C	т	Е	А	0	Ν	D	J	F	М	А	М	J	J	A	S	0	Ν	D	J	F	М	A	М	J	J	А	S	в
		С	Y	L	L	С	0	E	A	E	А	Р	A	U	U	U	E	С	0	Е	A	E	А	Р	А	U	U	U	E	A
						Т	V	С	N	В	R	R	Y	Ν	L	G	Р	Т	V	С	N	В	R	R	Y	Ν	L	G	Р	-
																											<u> </u>			
LGB KITS(MXU-667/B) LOCKHEED-MARTIN	DERF	N	6657	2457	4200																600	600	600	600	600	600	600			0
																					600	600		600	600	600	600			
UNKNOWN	03		6,718	0	6718													I					A			+	I	-		6718
	05		1,000	0	1000													I							-	+				1000
LGB KITS(MXU-650/B) RAYTHEON	DERF	N	11028	0100	8905			A										I			825	725	840	915	915	915	915	915	915	1025
UNKNOWN	DERF 03		11028 6719	2123 0	8905 6719			A													825	125	840 A	915	915	915	915	915	915	1025 6719
UNKNOWN	03		5288	0	5288																		A				<u> </u>			5288
UNKNOWN	04		4278	0	4278																					+	+			4278
LGB KITS(MAU-169 G UNIT/MAU 209)	03	N	4270	0	4270																					+				4270
LOCKHEED-MARTIN	DERF		6657	2457	4200																600	600	600	600	600	600	600			0
RAYTHEON	DERF		8548	2573	5975			Α													825	725	750	820	850		850	345		0
RAYTHEON	02		2480	0	2480										Α													505	850	1125
UNKNOWN	03		13437	0	13437																		Α							13437
UNKNOWN	04		5288	0	5288																									5288
			5278	0	5278																									5278
UNKNOWN	05										FISCAL Y	'EAR 200											FISCAL	YEAR 200						
					1									ENDAR		004														
UNKNOWN ITEM / MANUFACTURER	05 F	s	Q	D	в		2003					·	CAL		YEAR 2	004						1		CALENE	DAR YEA	AR 2005	γ			
		V	т	E	А	0	2003 N	D	J	F	М	A	M	J	J	А	s	0	N	D	J	F	м	A	M	J	J	A	S	B
						С	N O	D E	Ā	E	A	Р	M A	J U	IJ	A U	Е	С	0	E	J A	E	А	A P	M A	IJ	U	U	E	B A L
ITEM / MANUFACTURER		V	т	E	А		Ν	D	-				М	J	J	А					J A N			А	м	J		A U G		Α
ITEM / MANUFACTURER	F Y	V	T Y	EL	AL	C T	N O V	D E C	A N	E B	A R	P R	M A Y	J U N	J U L	A U G	E P	С	0	E		E	А	A P	M A	IJ	U	U	E	AL
ITEM / MANUFACTURER LGB KITS(MXU-667/B) UNKNOWN	F Y 03	V	т Ү 6718	E L O	A L 6718	С	N O	D E	Ā	E	A	Р	M A	J U	IJ	A U	Е	С	0	E		E	A R	A P	M A	IJ	U	U	E	A L O
ITEM / MANUFACTURER LGB KITS(MXU-667/B) UNKNOWN UNKNOWN	F Y	V	T Y	EL	AL	C T	N O V	D E C	A N	E B	A R	P R	M A Y	J U N	J U L	A U G	E P	С	0	E		E	А	A P	M A	IJ	U	U	E	AL
ITEM / MANUFACTURER LGB KITS(MXU-667/B) UNKNOWN UNKNOWN LGB(MXU-650/B)	F Y 03 05	V	т Ү 6718 1000	E L 0 0	A L 6718 1000	С Т 560	N O V 560	D E C	A N	E B	A R	P R	M A Y	J U N	J U L	A U G	E P	С	0	E		E	A R	A P	M A	IJ	U	U	E	A L 0 1000
ITEM / MANUFACTURER LGB KITS(MXU-667/B) UNKNOWN UNKNOWN LGB(MXU-650/B) RAYTHEON	F Y 03 05 DERF	V	T Y 6718 1000 11028	E L 0 0 10003	A L 6718 1000 1025	C T 560 700	N O V 560 325	D E C 560	A N 560	Е В 560	A R 560	P R 560	M A Y 560	J U N 560	J U L 560	A U G 560	E P 558	С	0	E		E	A R	A P	M A	IJ	U	U	E	A L 0 1000
ITEM / MANUFACTURER LGB KITS(MXU-667/B) UNKNOWN UNKNOWN LGB(MXU-650/B) RAYTHEON UNKNOWN	F Y 03 05 DERF 03	V	T Y 6718 1000 11028 6719	E L 0 0 10003 0	A L 6718 1000 1025 6719	С Т 560	N O V 560	D E C	A N	E B	A R 560 575	P R	M A Y	J U N	J U L	A U G	E P	С	0 V	EC	N	E B	A R A	A P R	M A Y	JUN		U G	E P	A L 0 1000 0 0
ITEM / MANUFACTURER LGB KITS(MXU-667/B) UNKNOWN UNKNOWN LGB(MXU-650/B) RAYTHEON	F Y 03 05 DERF	V	T Y 6718 1000 11028	E L 0 0 10003	A L 6718 1000 1025 6719 5288	C T 560 700	N O V 560 325	D E C 560	A N 560	Е В 560	A R 560	P R 560	M A Y 560	J U N 560	J U L 560	A U G 560	E P 558	C T	0	E		E	A R	A P	M A	IJ	U	U	E	A L 0 1000
ITEM / MANUFACTURER LGB KITS(MXU-667/B) UNKNOWN UNKNOWN LGB(MXU-650/B) RAYTHEON UNKNOWN UNKNOWN	F Y 03 05 DERF 03 04	V	T Y 6718 1000 11028 6719 5288	E L 0 0 10003 0 0	A L 6718 1000 1025 6719	C T 560 700	N O V 560 325	D E C 560	A N 560	Е В 560	A R 560 575	P R 560	M A Y 560	J U N 560	J U L 560	A U G 560	E P 558	C T	0 V	EC	N	E B	A R A 441	A P R	M A Y	JUN		U G	E P	A L 0 1000 0 0 0 0
ITEM / MANUFACTURER LGB KITS(MXU-667/B) UNKNOWN UNKNOWN LGB(MXU-650/B) RAYTHEON UNKNOWN UNKNOWN UNKNOWN	F Y 03 05 DERF 03 04	V	T Y 6718 1000 11028 6719 5288	E L 0 0 10003 0 0	A L 6718 1000 1025 6719 5288	C T 560 700	N O V 560 325	D E C 560	A N 560	Е В 560	A R 560 575	P R 560	M A Y 560	J U N 560	J U L 560	A U G 560	E P 558	C T	0 V	EC	N	E B	A R A 441	A P R	M A Y	JUN		U G	E P	A L 0 1000 0 0 0 0
ITEM / MANUFACTURER LGB KITS(MXU-667/B) UNKNOWN UNKNOWN LGB(MXU-650/B) RAYTHEON UNKNOWN UNKNOWN UNKNOWN LGB KITS(MAU-169 G UNIT))	F Y 03 05 DERF 03 04 05	V	T Y 6718 1000 11028 6719 5288 4278	E L 0 0 0 10003 0 0 0 0	A L 6718 1000 1025 6719 5288 4278	C T 560 700 190	N O V 560 325 565	D E C 560	A N 560 575	Е В 560	A R 560 575	P R 560 575	M A Y 560	J U 560 575	J U 560 575	A U G 560 575	E P 558	C T	0 V	EC	N	E B	A R A 441	A P R	M A Y	JUN		U G	E P	A L 0 1000 0 0 0 4278
ITEM / MANUFACTURER LGB KITS(MXU-667/B) UNKNOWN UNKNOWN LGB(MXU-600/B) RAYTHEON UNKNOWN UNKNOWN LGB KITS(MAU-169 G UNIT)) RAYTHEON	F Y 03 05 DERF 03 04 05 02	V	T Y 6718 1000 11028 6719 5288 4278 2480	E L 0 0 0 10003 0 0 0 0 0 1355	A L 6718 1000 1025 6719 5288 4278 1125	C T 560 700 190 700	N O V 560 325 565 425	D E C 560 790	A N 560 575	E B 560 575	A R 560 575 A	P R 560 575	M A Y 560 575	J U 560 575	J U 560 575	A U G 560 575	E P 558 574	C T	0 V 441	EC	N	E B	A R A 441	A P R	M A Y	J U N 441	U L 441	U G G 441	E P	A L 0 1000 0 0 0 4278 0

FY 2004/05 BUDGET PRODUC			DULE,	P-21														DATE					FEBRU	ARY 2	2003					
APPROPRIATION/BUDGET AC													V	Veapon	Syste	m		P-1 I	ITEM N	OMEN	CLATUR	E								
PROCUREMENT OF AMMUNIT	ION, M	IAVY	& MARI	NE CO	RPS	1										<b>D</b>		<u> </u>	- differe				GENE	RAL P	URPO	SE BO	MBS (E	3LI 014	500)	
	1		4				F	Produc	tion Rat	e								ent Le	adtimes				la a				-			
Item			Vanufac me and		~		SR	1-8-5		мах			ALT Pr to Oct			ALT Af Oct 1			Initia Mfg PL			Reoro Afg P			Total				nit of asure	
LASER GUIDED BOMBS KITS	RAY	THEC		Locatio	11		8	600		1000/			10 001	1		6	I		12 12	. I	N	nig P	L1		101ai			ivie	E	
EAGER GOIDED DOMIDO RITO	10/11	11120				C	0	000		1000/	mo					0			14						10					
LASER GUIDED BOMBS KITS	LOC	KHEE	D			U	NK	400		700/n	no					6			12						18				Е	
	1							FIS	CAL YEAR	2006								Ĩ.				F	ISCAL YEAR	2007						
ITEM / MANUFACTURER	F	s	Q	D	в	2005							C/		EAR 2	006							C/		R YEAR	2007				
	Y	V C	T Y	E	A	0	N	D	J	F	М	А	М	J	J	А	S	0	N	D	J	F	М	А	М	J	J	А	S	B
		C	ř	L	L	C T	o V	E C	A	E	A R	P R	A Y	U	UL	U G	E	C T	o V	E C	A	E B	A	P R	A Y	U N	U	U G	E P	L
	L	N				_ '	v	U	N	В	ĸ	ĸ	ř	N	L	G	٢		v	U	N	в	R	ĸ	ř	IN	L	G	Р	
LGB KITS (667/B) UNKNOWN	05	N	1,000	0	1,000	83	83	83	83	83	83	83	83	83	83	83	87													0
LGB KITS (650/B)		N	1,000	Ű	1,000	00		00	00		00		00	00	00		0.													•
UNKNOWN	05		4,278	0	4,278	357	357	357	357	357	357	357	357	357	357	357	351													0
LGB KITS (MAU-169 G UNIT)		Ν																												
UNKNOWN	05		5,278	0	5,278	440	440	440	440	440	440	440	440	440	440	440	438													0
	-																													
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			1								FISCAL	YEAR 2	2008						1			F	ISCAL YEAR	2009						
ITEM / MANUFACTURER	F	s	Q	D	в	2007									EAR 2	008									R YEAR	2009				
	Y	V	Т	E	A	0	N	D	J	F	м	А	м	J	J	А	S	0	Ν	D	J	F	М	А	М	J	J	А	s	В
		С	Y	L	L	C T	0	E	A	E	A	Р	A	U	U	U	E	C T	N O V	E	A	E	A	Р	Α	U	U	U	S E P	A L
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Remarks:																														
DD Form 2445, JUL 87				Previous	editions are	obsolete							P-1 SHO	PPING LIS	г								CLASSIF	ICATIO	ON:					
																							LIN			CIE		•		

FY 2004/05 BUDGET PRODU Appropriation/Budget A Procurement of Ammun	CTIVITY								_				We	eapon	Syste				l Purpo		TURE nbs (J10	22)(BLI	01450	00)				RUARY		
							F	roducti	on Rate								rocurem	ent Lea												
			Manufactu										Prior		A	LT Af			Initial	_		Reorder			_				Jnit of	
Item			lame and L	ocation			1000	1-8		MAX		to C	Oct 1			Oct 1			Mfg PL	Γ	N	Ifg PLT			Total			M	easure	
BLU-111A/B	MCAL						1200	2400		300/m	0					9			14						23				K	
BLU-117/B	MCAL						1000	400		1200						4			29						33				K	
BSU-86A/B	UNKN						600	1300		3000						6			18						24				K	
FMU-143E/B	UNKN						1000	1500		2500						6			18						24				K	
-ZU-48	Alliant	lech	. Systems; \	Viscons	sin	-	1000			3000						4			16						20				Κ	
								FISCAI	YEAR 2002													F	FISCAL	YEAR 2003						
ITEM / MANUFACTURER	F	S	Q	D	В	2001							CA	ALENDA	R YEAF	R 2002								CALEN	NDAR YE	AR 2003				
	Y	v c	T Y	EL	A L	o c	N O	D E	J F A E		A F	> ,	A I	U	J	A U	S E	o c	N O	D E	J A	F	M A	A P	M	J	J U	A U	S E	B A L
BLU-117/B	_	N				Т	V	С	A E N B	F	R F	2	Y I		L	G	Ρ	т	V	С	N	В	A R	R	A Y	N	L	G	Ρ	
MCALESTER	99	Ν	500	0	500	-				_	_										500									0
MCALESTER	00		588 1,554	0	588 1554								-+		-+						588		1554		+					0
MCALESTER	00		2,034	0	2034	I												I					1334		-		1			2,03
MCALESTER	DERF		3,544	0	3544	1						4						1						1	+		1		2000	1,54
UNKNOWN BLU-111A/B	05	N	2,000	0	2000	1					Ē													A						2,00
UNKNOWN	DERF	i N	9,864	0	9864	1												I							-		1		1025	8,83
UNKNOWN	02		11,670	0	11670	1				-								1						1	1	1	1		973	10,6
UNKNOWN	03		22,745	0	22745	1												1						A	1		1			22,74
UNKNOWN	04		25,333	0	25333	L																								25,3
UNKNOWN	05		22,070	0	22070	1				-			-																	22,07
BLU-110A/B		N																												
UNKNOWN	05		4,980	0	4980																								4980	0
BSU-86A/B UNKNOWN	DERF	Ν	2,688	0	2688						,																		1400	1,28
UNKNOWN	04		3,133	0	3133							1																	1400	3,13
UNKNOWN	04		3,103	0	3103																									3,10
BSU-85		Ν	0,.00	-																										.,
UNKNOWN	05		9,050	0	9050																									9,05
ZU-48		Ν																												
Alliant Tech. Systems	DERF		18,959	0	18959					/	4																1000	1000	1000	15,95
										FISC	AL YEAF	2004										F	FISCAL	YEAR 2005						
ITEM / MANUFACTURER	F	S	Q	D	В	_	2003			-		-	CA	ALENDA	R YEAF	R 2004				1				CALEN	NDAR YE	AR 2005		1		
	Ŷ	v c	T Y	EL	AL	o c	N	D	J F			A I			J	A	s	0	N	D	J	F	м	A	м	J	J	A	S	B
		Ŭ		-	-	С	o v	E	A E N B	, F	A F		A U	U N	U	U G	E	C T	O V	EC	AN	E B	A R	P R	A	UN	U	U G	E	L
BLU-117/B		N						-				-	-																	
MCALESTER	01		2,034	0	2034		2034																							0
MCALESTER	DERF		3,544	2,000	1544	1544	2004			+			-+		+										1	1	l			0
UNKNOWN	05		2,000	0	2000					-	-1-							1						1	1	1	1			2,00
BLU-111A/B	00	Ν	2,000	Ť	2000	1				-	1			-1-				1						1	1	1	1			2,00
UNKNOWN	DERF		9,864	1,025	8839	1094	968	968	968 96	8 96	68 96	68 9	68 9	969																0
UNKNOWN	02		11,670	973	10697	973	973	973	973 97						973	967														0
UNKNOWN	03		22,745	0	22745												1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	2395		0
UNKNOWN	04		25,333	0	25333						1	4																l	2111	23,22
UNKNOWN	05	NI.	22,070	0	22070	I				_								I						A	+					22,0
BLU-110A/B UNKNOWN		Ν	4,980	0	4980	I				_		_						I						A			I		4980	0
BSU-86A/B	1	N	4,300		4300	1												1							+	-	<u> </u>		4300	0
UNKNOWN	DERF		2,688	1,400	1288	1288																					1			0
UNKNOWN	04		3,133	0	3133	1			A		1							I				1800	1333	I			1			0
UNKNOWN	05		3,103	0	3103					-											A									3,10
3SU-85																												l		L
UNKNOWN	05		9,050	0	9050	I															A				1		I			9,05
ZU-48 Alliant Tech. Systems	DERF	N	18,959	3,000	15959	2000	2000	2000	2000 20	00 20	00 20	00 19	959																	0
Remarks: DD Form 2445, JUL 87					editions are ob		I	I					SHOPPI		I				I	I		I		CLASSI	EICATI		I	I	I	·

PAGE 8



FY 2004/05 BUDGET PROD			EDULE, P-2	21													DATE									FEE	BRUARY	2003	
PPROPRIATION/BUDGET / ROCUREMENT OF AMMUN			& MARINE	CORP	S								Weap	oon Sys			Genera	al Purp	/IENCL/ ose Boi	ATURE <b>nbs (J1</b> 0	Q2)								
							Pr	oductio	on Rat	ie					F	Procurer	nent Lea	adtimes											
			Manufact	urer's								ALT PI	rior		ALT Af	ter		Initial		R	leorder						1	Jnit of	
Item		1	Name and L	_ocation		MSF	र	1-8	-5	MAX		to Oct	t 1		Oct 1	1		Mfg PL	Т	N	lfg PLT			Total			M	leasure	
/K83 CONICAL FINS	UNK					1200	)	150	00	2200					6			18						24				К	
3SU-85	UNK					600		100	00	1500					6			14						20				К	
FMU-139 Fuze	UNK					2000	)	500	00	8000					6			18						24				K	
/K84 INERT	MCA		FR			UNK		360		9000/M	0				6			14						20					
		2201				0.11		000		0000,					0														
								FISCAL	YEAR 2	2002							1					FISCAL	YEAR 2003						
ITEM / MANUFACTURER	F	s	Q	D	в	2001							CALE	NDAR YE	AR 2002	2							CALE	NDAR YE	AR 2003				
	Y	V C	T Y	E	A		N	D	J	F P		м		J	A	s	0	N	D	J	F	м	A	м	J	J	A	s	B A
							O V	E C	A N	E /	A P R R		U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	R	A Y	U N	UL	U G	E P	L
MU-139 Fuze		Ν																									1		
UNKNOWN	03		4,600	0	4600															A						-			4,600
UNKNOWN	05		3,650	0	3650																					-	+		3,650
/K 84 INERT		N																									+	<u> </u>	
UNKNOWN	03		2,285	0	2285															Α							-	-	2,285
											_			-												-			
	-										_																+	+	
	-									FISC/	AL YEAR	2004								l		FISCAL	YEAR 2005						
ITEM / MANUFACTURER	F	s	Q	D	в		2003						CALE	ENDAR YE	AR 2004	ļ.				1				NDAR YE	AR 2005				
	Y	V	т	E	A	0	N	D	J	F I	/ A	М	J	J	А	S	0	N	D	J	F	М	А	м	J	J	А	S	В
		С	Y	L	L	С	0	E	A	E /	A P	A			U	E	С	0	E	A	E	A	Р	A	U	U	U	E	A L
FMU-139 Fuze							V	С	N	BI	R R	Ŷ	N	L	G	Р	т	V	С	N	В	R	R	Y	N	L	G	Ρ	
UNKNOWN	03	N	4.600	0	4600					4600																	+		0
UNKNOWN	05		3,650	0	3650					1000										А							-		3.650
				1													I	1		I						1			
/K 84 INERT		Ν																											
UNKNOWN	03		2,285	0	2285					2285	_																	<u> </u>	0
Remarks:																	I											L	L
Centarks.																													
D Form 2445, JUL 87				Previous	editions are ob	solete						P-1 S	HOPPIN	G LIST									CLASSI	FICAT	ON:				
																									ASS	IFIE	ED		
1/244												ITEM NO	0. 1		PAGE	9									200		-0		

FY 2004/05 BUDGET PRODUC	TION	SCHE	DULE, I	P-21														DATE					FEBRU	JARY 2	2003					
APPROPRIATION/BUDGET AC	GET ACTIVITY     Weapon System     P-1 ITEM NOMENCLATURE       MMUNITION, NAVY & MARINE CORPS     Production Rate     Procurement Leadtimes																													
PROCUREMENT OF AMMUNIT	ION, N	IAVY	& MARI	NE CO	RPS																		GEN	ERAL F	URPO	SE BC	MBS (	BLI 014	500)	
							Р	roduct	ion Rat	e						Pro	cureme	ent Lea	adtime	S										
		Ν	/lanufact	turer's									ALT Pr	ior	ŀ	ALT Af	ter		Initia	l		Reord	der					U	nit of	
Item			me and I	Locatior	า	M	ISR		-8-5		٩X		to Oct	1		Oct 1	1		Mfg PL	.т		Mfg P	νLT		Total			Me	asure	•
BLU-111A/B	MCAL						1200		100	4800						9			14						23				Κ	
BLU-117/B	MCAI						1000		00	12						4			29						33				Κ	
BSU-86A/B		IWOV	N				600		300	30						6			18						24				Κ	
FMU-139 Fuze	UNK	KNOWN         1000         1500         2500         6         18           ant Tech. Systems; Wisconsin         1000         2000         3000         4         16           s         Q         D         B         2005         Calendar year 2006         Calendar year 2006         Calendar year 2006         Calendar year 2006												24				Κ												
FMU-143E/B			Tech. Systems; Wisconsin         1000         2000         3000         4         16           s         Q         D         B         2005         Calendar YEAR 2006         FISCAL YEAR 2006												24				Κ											
FZU-48	Allian	t Tech	ch. Systems; Wisconsin 1000 2000 3000 4 16												20				Κ											
			ech. Systems; Wisconsin 1000 2000 3000 4 16 S Q D B 2005 CALENDAR YEAR 2006 C T E A O N D J F M A M J J A S O N D J F N										FISCAL YEA	R 2007																
ITEM / MANUFACTURER	F		Q	Q         D         B         FISCAL YEAR 2006         FISCAL         FISCAL										C	ALENDA	R YEAR	2007													
	Y			Q         D         B         2005         CALENDAR YEAR 2006           T         E         A         O         N         D         J         F         M         A         M         J         J         A         S         O         N         D         J         F										м	А	М	J	J	А	S	В									
		С	Y	L	L	С	0	E		E	Α	Р	A		U	U	E	С	0	E		E	Α	Р	Α	U	U	U	E	A L
						Т	V	С	N	В	R	R	Y	N	L	G	Р	Т	V	С	N	В	R	R	Y	N	L	G	Р	
BLU-111A/B(F289)		Ν										FISCAL YE           CALENDAR YEAR 2006           M         A         M         J         J         A         S         O         N         D         J         F         M           A         P         A         U         U         E         C         O         E         A         E         A           R         Y         N         L         G         P         T         V         C         N         B         R																		
UNKNOWN	04		25,333		23,222	2111	2111	2111	2111	2111	2111	2111	2111	2111	2111	2112														0
UNKNOWN BLU-110A/B	05		22,070	0	22,070										-		1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1841		0
UNKNOWN	05		4,980	0	4,980												4980													0
BLU-117/B	00	N	4,000	Ŭ	4,000												+300										1			0
UNKNOWN			2,000	0	2,000												2000													0
BSU-86A/B		Ν																												
UKNOWN	05		3,103	0	3,103					1901	1202																			0
BSU-85		Ν																												
	05		9,050	0	9,050					1500	1500	1500	1500	1500	1500	50														0
FMU-139 FUZE UNKNOWN	05	Ν	3,650	0	3,650					1825	1005				-															0
UNKNOWN	05		3,050	0	3,650					1625	1020													-			-			0
																											-			
											FISCAL	YEAR 2	8008									I	FISCAL YEA	R 2009						
ITEM / MANUFACTURER	F	S	Q	D	В	2007	1						CA	ALENDAR '	YEAR 20	008				1			C		R YEAR	2009				
	Y	V C	T Y	EL	A	0	N	D	J	F	М	А	м	J	J	Α	s	0	N	D	J	F	М	A	М	J	J	А	S	B A
		-		_	_	C T	O V	E C	A N	E B	A R	P R	A Y	U N	UL	U G	E	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E	L
						<u> </u>		-		-			+ .		<u> </u>	-		<u> </u>		-		-			-			+ -		
															1	-								1			1			
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Remarks:													1	1		-	1			1			1					1		
DD Form 2445, JUL 87				Previous	editions are	obsolete							P-1 SHO	PPING LIS	т								CLASSIF	-ICATIO	ON:		-			

ITEM NO. 1

## UNCLASSIFIED

	BUD	GET I	<b>FEM JUST</b>	IFICATION	SHEET			DATE:				
			P-4	0					F	ebruary 20	03	
APPROPRIATION/BUDG	GET ACTIVI	TY	BA-1				P-1 ITEM NO	OMENCLATU	RE	BLI 014800		
PROCUREMENT OF	F AMMUN	IITION	, NAVY & I	MARINE CO	ORPS			JOINT DIR	<b>ECT ATTA</b>	CK MUNIT	ION (JDAN	I) J1JD
Program Element for Coo	de B Items:						Other Relate	d Program Ele	ements			
0204162N								None				
	Prior	ID									То	
	Years	Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY	4,533	A/B	14,553	12,280	12,326	11,014	5,380	5,166	4,536	4,380	0	74,168
COST (\$M)	\$165.1		\$301.8	\$275.2	\$277.3	\$264.9	\$136.4	\$136.4	\$126.5	\$126.4	\$0.0	\$1,810.0
Initial Spares (\$M)												
Total (\$M)	\$165.1		\$301.8	\$275.2	\$277.3	\$264.9	\$136.4	\$136.4	\$126.5	\$126.4	\$0.0	\$1,810.0
Unit Cost (\$M)	0.036		0.021	0.022	0.022	0.024	0.025	0.026	0.028	0.029	0.000	0.024
DERF Quantity - Non Add			7,888									7,888
DERF Dollars - Non Add			\$162.5									\$162.5

MISSION AND DESCRIPTION Operation Desert Storm confirmed the need for a more accurate weapon delivery capability in adverse weather conditions and from medium/high altitudes. Failure to satisfy this requirement will allow the enemy to continue to take advantage of the sanctuary of weather and/or prevent US air power from prosecuting a conflict on its terms. JDAM is an Air Force and Navy munitions program to correct these shortfalls, with the Air Force as the executive service. JDAM upgrades the existing inventory of general purpose bombs (MK 84, BLU-109/B, MK83, and MK82) by integrating them with a guidance kit consisting of a global positioning system aided inertial navigation system (GPS/INS). JDAM is integrated with the B-52, B-2, B-1B, F-16, F/A-18C/D/E/F and F-14 aircraft, with follow-on integration on the F-15E, F-22, A-10 ,and AV-8B. The Navy is responsible for fielding a JDAM All-Up-Round (AUR) system; procuring components as required to satisfy that system (tailkits, fuzes and arming systems, warheads, and support equipment). The total production buy for JDAM is 266,179 units (152,011 for AF and 74,168 for Navy, not including any DERF quantites). There is no requirement for initial spares because of the 20 year warranty.

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

DD	Form	2454,	JUN	86
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CLASSIFICATION:

1



	WEAPONS SYSTEM COST ANA P-5	ALYSIS						N	Weapon System				DATE: February	2003	
	PRIATION/BUDGET ACTIVITY JREMENT OF AMMUNITION, NAVY & BA-1	MARIN	E CORPS	ID CODE	05 00114	J1JD			ON (JDAM)	3LI 014800			i obruury		
			TOTAL COST IN T	HOUSANDS	OF DOLLA	RS									
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2002			FY 2003	3		FY 2004			FY 2005	5
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
ID100 ID200 ID300	AIR VEHICLE FUZES WARHEAD	A/B A/B	94,133 7,678 28,376	14,553 0 0	20,090 0 0	292,371 0 0	12,280 9,560 0	19,554 1,616 0	240,123 15,449 0	12,326 9,200 0	19,703 1,656 0	242,859 15,237 0	11,014 7,650 0	21,179 1,683 0	233,2 12,8
D100	ENGINEERING CHANGE ORDERS (ECO)		0	0	0	0	0	0	7,204	0	0	7,286	0	-	6,9
	TOTAL RECURRING FLYAWAY		130,187	14,553	20,090	292,371	12,280	21,399	262,776	12,326	21,530	265,382	11,014	22,983	253,1
ID100 ID830 ID100 ID840 ID100 ID850 ID700	SCHEDULE ACCELERATION PRODUCTION TECH SUPPORT CONTRACTOR INCENTIVE PRODUCTION TEST AIRBORNE TEST EQUIPMENT DATA CABLES		822 21,119 1,094 1,165 447 2 720			0 5,247 2,406 695 0 0 0			0 5,524 2,401 2,020 826 0 0			0 5,677 2,429 1,750 832 0 0			5,7 2,3 1,5 7
	TOTAL NON-RECURRING		25,369			8,347			10,771			10,688			10,4
	TOTAL WEAPON FLYAWAY		155,556	14,553	20,664	300,718	12,280	22,276	273,547	12,326	22,397	276,070	11,014	23,936	263,6
ID940 ID960 ID970 ID990 ID920	LOAD/BUILDUP TRAINERS TEST EQUIPMENT ILS TRAINING DATA (TECHNICAL)		582 4,330 3,801 668 178			0 10 908 89 55			0 0 1,256 314 71			0 0 933 289 55			92
	TOTAL FLEET SUPPORT		9,559			1,062			1,641			1,277			1,3
	TOTAL WEAPON SYSTEM		165,115	14,553	20,737	301,780	12,280	22,409	275,188	12,326	22,501	277,347	11,014	24,054	264,9
	TOTAL PROGRAM COST DERF (NON-ADD)		165,115	14,553	20,737	301,780	12,280	22,409	275,188	12,326	22,501	277,347	11,014	24,054	264,9
ID100 ID200 ID100 ID830	AIR VEHICLE FUZES CONTRACTOR INCENTIVE PRODUCTION TECH SUPPORT			7,888 7,078	20,013 432	157,866 3,055 1,579 0									
	TOTAL DERF			7,888		162,500									
	M 2446, JUN 86		165,115 IOPPING LIST			40,395			275,188 CLASSIFICATION	-		277,347			264,9

## UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCURE	EMENT HISTO	ORY AND	PLANNING EXHIBI	Т (Р-5А)		Weapon System		A. DATE		
								Februa	-	
B. APPROPRIATION/BUDG PROCUREMENT OI		ON, NAVY	BA-1 <b>&amp; MARINE CORPS</b>		C. P-1 ITEM NOM JOINT DIRE BLI 014800	MENCLATURE CT ATTACK MUNITION	I		SUBHEAD	JD
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 REVISION AVAILABLI
FY02 DERF Lot 5A										
JDAM	810	20,013	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Dec 01	Nov 02	N/A <sup>(1)</sup>	N/A
FY02 Lot 6										
JDAM	14,553	20,090	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Dec 01	Jan 03	N/A <sup>(1)</sup>	N/A
FY02 DERF Lot 6A										
JDAM	2,250	20,013	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Dec 01	Sep 03	N/A <sup>(1)</sup>	N/A
FY02 DERF Lot 6B										
JDAM	4,828	20,013	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Mar 02	Nov 03	N/A <sup>(1)</sup>	N/A
FY03 Lot 7										
JDAM	12,280	21,757	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 03	Dec 03	N/A <sup>(1)</sup>	N/A
FY04 Lot 8										
JDAM	12,326	21,530	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 04	May 05	N/A <sup>(1)</sup>	N/A
FY05 Lot 9										
JDAM	11,014	22,983	USAF AAC/YU EGLIN AFB, FL		FFP	Boeing St. Louis, MO	Feb 05	May 06	N/A <sup>(1)</sup>	N/A

(1) SPECIFICATIONS HAVE BEEN WAIVED DUE TO JDAM'S STATUS AS AN ACQUISITION REFORM PILOT PROGRAM.

DD Form 2446-1, JUL 87

CLASSIFICATION:

Classification:

FY 2004/2005 BUDGET PROD	DUCTIO	N SCI	HEDUL	E, P-2	1												DATE			Feb	ruary	200	3						
APPROPRIATION/BUDGET AC PROCUREMENT OF AMMUNI			& MAR		ORPS/E	3A-1						W	eapor	n Syste	em		P-1 IT		-	-	-		/unitic	on (JE	DAM)	<b>J</b> BLI 01	1 <b>JD</b> 4800		
	- ,			-			Pr	oduct	ion Ra	ate					Procu	remer	nt Lead	dtimes						<u> </u>	/	-			
Item			anufact e and L		n	MS	SR	2-8	3-5	MAX		LT Pr			LT Aff Oct 1			Initial Ifg PL			Reorde Ifg PL			Tota	1		-	t of sure	
JDAM	Boeir					283/				3000/mo		0 mc			4			13			13			17			E	04.0	
		ouis, N	ΛO									-																	
ITEM / MANUFACTURER	F	S	Q	D	в	200	01	FIS	CAL YE	AR 2002		CA	LENDAF	R YEAR 2	2002						FI	SCAL Y	'EAR 20 CALEN		EAR 200	3			
	Y	v c	T Y	E L	A L	O C T	N O V	D E C	J A N	F M E A B 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	JAN	F E B	M A R	A P R	M A Y	J U N	J U I	A U G	S E P	B A L
JDAM - Boeing						·				5 K				-				•			5						Ū		
Lot 5A	DERF	Ν	810	0	810			А										242	568										0
Lot 6	02	Ν	14553	0	14553			A/531*												886	1500	1500	1500	1422	1200	1260	1260	500	352
Lot 6A	DERF	Ν	2250	0	2250			Α																				750	150
Lot 6B	DERF	N	4828	0	4828					A																			482
Lot 7	03	N	12280	0	12280																A								
										FISCAL	YEAR 20	004									FI	SCAL Y	EAR 20	05					
ITEM / MANUFACTURER	F	S	Q	D	В	20	03					CA	LENDAF	YEAR	2004						1		CALEN	DAR YI	EAR 200	5			- I
	Y	V C	T Y	E L	A L	O C T	N O V	D E C	J A N	F M E A B 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
Lot 6	02	N	14553	11028	3525	100		1394		5 N				-	Ŭ			•	0		5					-	Ū		531
Lot 6A	DERF	Ν	2250	750	1500	750	750																						0
Lot 6B	DERF	Ν	4828	0	4828		900	900	900	900 900	328																		0
Lot 7	03	N	12280	0	12280			312	726	926 200	200	856	1752	1752	1752	308	200	200	1237	969	890				-				0
Lot 8	04	Ν	12326	0	12326					A														1200	1250	750	1400	1600	6126
Lot 9	05	N	11014	0	11014											-					A								1101
Remarks: * Lot 6 (FY 02) includes 531 Grade B w	eapons a	warded	in Octobe	er and de		n Decen	nber.			· · · · ·			<u>.</u>						<u>_</u>				<u>n</u>			•			

DD Form 2445, JUL 87 311 / 244

FY 2004/2005 BUDGET PROI	DUCTIO	N SC	HEDUL	.E, P-2	21													DATE				ruary		)3						
APPROPRIATION/BUDGET AG PROCUREMENT OF AM	CTIVITY MUNIT	, ION,	BA-1 NAV	Y & I	MARIN		RPS						W	eapor	n Syst	em		P-1	TEM I	NOME Join	ENCLA	TURI	E ack N	luniti	on (JI		I 014 J1JD	800		
			,					oducti	ion Ra	ate						Procu	ireme	nt Lea	dtime						· ·					
Item			anufact e and L		on	MSF		2-8		M	AX		LT Pr o Oct		A	LT Af Oct 1		1	Initia Vfg PL			Reorde Ifg PL			Tota	I		Uni Mea		
JDAM	Boei	ng				283/MC	)	2800	/MO	3000	/mo		0 mc	)		4			13			13			17			Е		
	St. L	ouis, N	NO																											
ITEM / MANUFACTURER	F	s	Q	D	в	2005		FIS	CAL YE	AR 200	6		CA	LENDAF		2006						F	ISCAL Y	EAR 20		AR 200	7			
	Y	V	т	Е	А		N	D	J	F	М	А	M	J	J	A	S	0	N	D	J	F	М	A	м	J	J	Α	S	в
		С	Y	L	L	С	0	Е	A	E	Α	Р	Α	U	U	U	E	С	0	E	A	E	Α	Р	Α	U	U	U	E	A L
	_					Т	V	С	N	В	R	R	Y	N	L	G	Ρ	Т	V	С	N	В	R	R	Y	Ν	L	G	Р	
Lot 8	04	N	12326	6200	6126	100 1	120	1030	1750	1060	1066																			0
2010	04		12020	0200	0120	100 1	120	1000	1700	1000	1000																			
Lot 9	05	Ν	11014	0	11014							1080	1080	1080	1480	1480	880	880	880	910	680	584								0
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ITEM / MANUFACTURER	_		Q	D	в					FI	SCAL Y	EAR 20									r	F	ISCAL Y	EAR 20						
TTEM/ MANOFACTORER	F Y	S V	ц т	E	A	2007 O		6		-			1	LENDAF			-			D		-		1		AR 2009	, 		0	в
		C	Ŷ	L	L		N O	D E	J	F	M A	A P	M	J U	L U	A U	S E	0 C	N O	E	J A	F	M A	A P	M A	J	J	A U	S E	A L
						т	V	С	Ν	В	R	R	Y	Ν	L	G	Р	Т	V	С	Ν	В	R	R	Y	Ν	L	G	Р	-
	_																													
																												<u> </u>		
Remarks:																														
DD Form 2445, JUL 87				Previou	s editions	are obsolete								OPPING					-								<b>.</b>			
311 / 244												11	EM NO	J.	2	2	PAG	E NO	. 5						Exhit	ort P-21	Produc	ction Scl	hedule	

	BUDGE	T ITEM JUS	STIFICATION	N SHEET			DATE:								
		P	-40							February 20	003				
PPROPRIATION/BUD	GET ACTIVITY						P-1 ITEM NO	OMENCLATU	RE		(BLI 015100)				
ROCUREMENT	F AMMUNITIO	N, NAVY & I	MARINE CO	RPS		BA 1			AIRBOR	NE ROCKE	TS, ALL TYPES	(J1Q5)			
		,			Other Related	d Program Elei	ments				-, -				
	UREMENT OF AMMUNITION, NAVY & MARINE CORPS       BA 1       AIRBORNE ROCKETS, ALL TYPES (J1Q5)         Delement for Code B Items:       Other Related Program Elements         Prior Years       ID Code       FY 2002       FY 2003       FY 2004       FY 2005       FY 2006       FY 2007       FY 2008       FY 2009       Complete       Total         ITY       International internationa international international international int														
			FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009		Total			
	ITY A \$20.3 \$51.4 \$28.2 \$38.1 \$39.0 \$17.3 \$40.9 \$41.0 Cont. C s provided prior to FY01 budget request were for the procurement of 2.75 inch rocket components along with associated product improvement, engineering and														
UANTITY															
OST	¢47.0	٨	¢20.2	¢=1 4	¢28.2	£20.4	¢20.0	¢47.0	¢40.0	¢ 4 4 0	Cont	Cont			
n Millions)	\$17.0	A	\$20.3	\$51.4	\$28.Z	\$38.1	\$39.0	\$17.3	\$40.9	\$41.0	Cont.	Cont.			
Product improver improvements to t Upgrade MK66 fro	he MK-66 rocke	t motor, safe	ety improven	nents to Wa	rheads, and i	reliability im	provements	to the 2.75	inch launche	ers.	insensitive mu	nitions			
*Prior years figure	s reflect FY 01 o	only. FY 00	and prior in	the 2.75" Ro	ockets Line.										
AVY RESERVE				<u>FY02</u> \$0.1	<u>FY03</u> \$0.1	<u>FY04</u> \$0.1	<u>FY05</u> \$0.1	<u>FY06</u> \$0.1	<u>FY07</u> \$0.1	<u>FY 08</u> \$0.1	<u>FY 09</u> \$0.1				
Note: DERF non-add	funding in the ar	nount of \$5M	FY 02 provid		34 Smoke Wa	arheads, Qty									
D Form 2454, JUN 86			ITEM NO. 3		PAGE NO. 1										

#### UNCLASSIFIED

BUDGET ITE	EM JUS		I SHEET FOR P-40a	AGGREGATEI	DITEMS		DATE:		February 2003		
APPROPRIATION/BUDGET ACTIVITY	/		-40a		P-1 ITEM NON				rebluary 2005		
								KETS, ALL TYPE	S ( 1405)		(BLI 015100)
PROCUREMENT OF AMMUNITION, N	ID ID	Prior	5 (\$000°S) ВА	1		<i>•</i>		KEIS, ALL ITPE	5 (3143)	То	(BLI015100)
Procurement Items	Code	Years*	FY 2002	FY 2003	FY 2004	FY 2005				Complete	Total
MK 66 Rocket Motor (HA07)	A	Tears	112002	112003	112004	112005				Continuing	Continuing
Quantity	~	22,024	26,668	51,066	11,924	14,614				Continuing	Continuing
Funding		\$9,467	\$11,586	\$25,300	\$9,031	\$12,599				Continuing	Continuing
- arraing		<i><b>Q</b></i> <b>0</b> ,101	\$11,000	420,000	\$0,001	<i><b></b></i>				Containing	Containing
MK 71 Rocket Motor (H547)	A										
Quantity		0	0	2,460	1,553	2,503					
Funding		\$0	\$0	\$13,300	\$8,000	\$13,279				Continuing	Continuing
M229 HE Warhead (MK 146)	А										
Quantity		0	0	1,056	2,300	2,000					
Funding		\$0	\$0	\$1,003	\$1,877	\$1,665				Continuing	Continuing
M255A1 Flechette Warhead	A										
Quantity		0	0	0	0	500					
Funding		\$0	\$0	\$0	\$0	\$350				Continuing	Continuing
WTU-1/B Inert Warhead (H663)	A										
Quantity		0	0	13,704	13,009	12,999					
Funding		\$0	\$0	\$535	\$518	\$528				Continuing	Continuing
LAU-61 Launcher	A										
Quantity		0	0	0	0	0					
Funding		\$0	\$0	\$0	\$0	\$0				Continuing	Continuing
MK 34 Warhead	A							I			
Quantity		0	3,500	3,500	3,500	3,500					
Funding		\$0	\$3,150	\$3,213	\$3,280	\$3,349				Continuing	Continuing
MK34 Smoke Warhead (DERF) NON-ADD											
Quantity			5,555								
Funding			\$5,000								Continuing
D. REMARKS	II		1		1	I	ļļ	Į	Į		Į

\*Prior years figures reflect FY 01 only. FY 00 and prior in the 2.75" Rockets Line.

Pricing is provided by the Army and incorporates other services' buys.

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P-1 SHOPPING LIST

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CLASSIFICATION:

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			P-40a							ebruary 2		
APPROPRIATION/BUDGET /	ACTIVITY			BA 1		P-1 ITEM N						
PROCUREMENT OF AMMUN	NITION, NA	AVY & MAR	INE CORPS	(\$000's)		AIRBOR	NE ROC	KETS, AL	L TYPES	(J1Q5)	(BLI 01510	D)
	ID	Prior									То	
Procurement Items	Code	Years*	FY 2002	FY 2003	FY 2004	FY 2005					Complete	Total
Smokey SAM	A											
Quantity		0	6,008	3,100	3,200	3,200						
Funding		\$0	\$781	\$411	\$433	\$442					Continuing	Continuing
Jpgrade J147 to HA03	A	\$2,562	\$2,209	\$1,693	\$1,693	\$2,193					Continuing	Continuing
Visc Components		\$0	\$0	\$800	\$350	\$578					Continuing	Continuin
Containers		\$0	\$0	\$1,403	\$345	\$362					Continuing	Continuing
M278 Warhead	A											
Quantity		1,520										
Funding		\$2,385										
Summant Casta		\$2,537	\$2,612	\$3,724	\$2,718	\$2,750					Continuing	Cantinuin
Support Costs		φ2,537	<b>ΦΖ,01</b> Ζ	φ3,724	φ <u>2</u> ,710	φ2,750					Continuing	Continuino
Total P-1 Funding		\$16,951	\$20,338	\$51,382	\$28,245	\$38,095					Continuing	Continuing
D. REMARKS												

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	WEAPONS SYSTEM C P-5	OST AN	ALYSIS				Weapon Sy	stem					A. DATE	Februa	ry 2003
	ATION/BUDGET ACTIVITY						ID Code	P-1 ITEM NOM	ENCLATURE/S	SUBHEAD				Feblua	iry 2003
ROCUREM	ENT OF AMMUNITION, NAVY & Marine Corps (\$000's)	BA	1					AIRBORNE	ROCKETS	5, ALL TYP	ES (J1Q5	)		(BLI 015100)	)
			TOTAL COS	IN THOUS	ANDS OF D	OLLARS									
COST CODE	ELEMENT OF COST	ID Code	Prior Years*		FY 2002			FY 2003			FY 2004			FY 2005	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cos
25040 25041 25070	MK 66 Rocket Motor (HA07) MK 71 Rocket Motor (H547) M278 IR Illum. Warhead (HA06)	A A A	9,467 0 2,385	26,668 0 0	434.45 0.00 0.00	11,586 0 0	51,066 2,460 0	495.44 5,000.00 0.00	25,300 13,300 0	11,924 1,553 0	757.39 5,150.00 0.00	9,031 8,000 0	14,614 2,503 0	862.10 5,305.00 0.00	12,5 13,2
25080 25090 25030	M229 HE Warhead (MK 146) M255A1 Flechette Warhead WTU-1/B Inert Warhead (H663)	A A	0	0	0.00 0.00 0.00	0	1,056 0 13,704	950.00 0.00 39.04	1,003 0	2,300 0	816.00 0.00 39.82	1,877	2,000 500 12,999	832.32 700.00 40.62	1,6 3 5
25030 25895 25100 25200	LAU-61 Launcher MK34 Smoke Warhead Smokey SAM	A A A	000000000000000000000000000000000000000	0 0 3,500 6.008	0.00 0.00 900.00 130.00	0 0 3,150 781	13,704 0 3,500 3,100	0.00 918.00 132.60	535 0 3,213 411	13,009 0 3,500 3,200	0.00 937.27 135.38	518 0 3,280 433	0 3,500	40.62 0.00 956.95 138.22	3,3 4
Q5050 FBD FBD	Upgrade J147 to HA03 Misc. Components Containers		2,562 0 0	0,000		2,209 0 0	0,100	.02.00	1,693 800 1,403	0,200		1,693 350 345	0,200		2,1 5 3
25800 25830 25850 25892 25893	Integrated Logistics Support Production Engineering Support(PES) Product Improvement Program Non-Standard Items Renovation Components		310 927 1,200 40 60			334 557 1,621 40 60			334 1,090 1,200 40 1,060			334 1,090 1,194 40 60			; 1,( 1,2
25100	MK34 Smoke Warhead (DERF) NON-ADI	5		5555	900.00	5,000			,						
			16,951			20,338			51,382			28,245			38,0

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CLASSIFICATION:

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P-1 SHOPPING LIST

PAGE NO.

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CLASSIFICATION:

BUDGET PROCURE	EMENT HISTO	RY AND PL	ANNING EXHIB	IT (P-5A)		Weapon System		A. DATE		
				· ·					Februa	ry 2003
B. APPROPRIATION/BUDG	ET ACTIVITY				C. P-1 ITEM NOM				SUBHEAD	•
PROCUREMENT O		N, NAVY &	MARINE CORPS	6 BA1	AIRBORN	E ROCKETS, ALL T	YPES		J1	Q5
						(BLI 015100)			l	
					CONTRACT			DATE OF	SPECS	DATE
Cost Element/	QUANTITY	UNIT	LOCATION	RFP ISSUE	METHOD	CONTRACTOR	AWARD	FIRST	AVAILABLE	REVISIONS
FISCAL YEAR		COST	OF PCO	DATE	& TYPE	AND LOCATION	DATE	DELIVERY	NOW	AVAILABLE
		(000)								
Q5040 MK 66 MOTORS (	HA07)									
FY 01	22,024	429.85	ARMY OSC	N/A	FFP	GENERAL DYNAMICS	May-01	Nov-03	YES	
FY 02	26,668	434.45	ARMY OSC	N/A	FFP	GENERAL DYNAMICS	Mar-02	Sep-04	YES	
FY 03	51,066	495.44	TBD	N/A	FFP	TBD	May-03	Nov-05	YES	
FY 04	11,924	757.39	TBD	N/A	FFP	TBD	May-04	Nov-06	YES	
FY 05	14,614	862.10	TBD	N/A	FFP	TBD	May-05	Nov-07	YES	
Q5041 MK 71 MOTORS (	HA07)									
*FY 03	2,460	5,000.00	TBD	N/A	FFP	TBD	Apr-03	Apr-04	YES	
FY 04	1,553	5,150.00	TBD	N/A	FFP	TBD	Apr-04	Apr-05	YES	
FY 05	2,503	5,305.00	TBD	N/A	FFP	TBD	Apr-05	Apr-06	YES	
M229 HE Warhead										
FY 03	1,056	950.00	TBD	N/A	N/A	TBD	Apr-03	Apr-04	YES	
FY 04	2,300	816.00	TBD	N/A	N/A	TBD	Apr-04	Apr-05	YES	
FY 05	2,000	832.32	TBD	N/A	N/A	TBD	Apr-05	Apr-06	YES	
M255A1 Flechette Warhea	ad									
FY 05	500	700.00	TBD	N/A	N/A	TBD	May-05	Nov-07	NO	
WTU-1/B Inert Warhead (I	H663)									
FY 03	13,704	39.04	TBD	N/A	FFP	TBD	May-03	Nov-05	YES	
FY 04	13,009	39.82	TBD	N/A	N/A	TBD	May-04	Nov-06	YES	
FY 05	12,999	40.62	TBD	N/A	N/A	TBD	May-05	Nov-07	YES	

\*First delivery of MK71 Motors includes an additional 6 months lead time for First Article Acceptance Testing (FAAT)

Pricing is provided by the Army and incorporates other services' buys.

P-1 SHOPPING LIST ITEM NO. 3 PAGE NO. 5

## UNCLASSIFIED

BUDGET PROCUREN	IENT HISTO	ORY AND P	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE	Februa	ry 2003
3. APPROPRIATION/BUDGET PROCUREMENT OF A		N, NAVY &	MARINE CORPS	BA1	C. P-1 ITEM NOM	E ROCKETS, ALL	TYPES	I	SUBHEAD	Q5
						(BLI 015100)				
					CONTRACT			DATE OF	SPECS	DATE
Cost Element/	QUANTITY	UNIT	LOCATION	RFP ISSUE	METHOD	CONTRACTOR	AWARD	FIRST	AVAILABLE	REVISION
FISCAL YEAR		COST (000)	OF PCO	DATE	& TYPE	AND LOCATION	DATE	DELIVERY	NOW	AVAILABL
/K34 Smoke Warhead										
FY 02	3500	900.00	NAVAIR	N/A	PO	TBD	Feb-02	Feb-03	YES	
FY 03	3500	918.00	TBD	N/A	PO	TBD	Apr-03	Apr-04	YES	
FY 04	3500	937.27	TBD	N/A	TBD	TBD	Apr-04	Apr-05	YES	
FY 05	3500	956.95	TBD	N/A	TBD	TBD	Apr-05	Apr-06	YES	
/K34 Smoke Warhead (DEF	RF)									
*FY 02	5555	900.00	NAVAIR	N/A	PO	NSWC, IH	Jan-02	Jul-04	YES	
Smokey SAM (GTR-18)										
* FY 02	6008	130.00	NAVAIR	N/A	PO	NSWC, IH	Feb-02	Aug-03	YES	
FY 03	3100	132.60	TBD	N/A	TBD	TBD	Apr-03	Apr-04	YES	
FY 04	3200	135.38	TBD	N/A	TBD	TBD	Apr-04	Apr-05	YES	
FY 05	3200	138.22	TBD	N/A	TBD	TBD	Apr-05	Apr-06	YES	
D. REMARKS Pricing is provided by the	Army and inc	corporates of	her services' huve for l	MK 66 and W/TI L 1	3	<u> </u>				

\*First delivery includes an additional 6 months lead time for First Article Acceptance Testing (FAAT)

DD Form 2446-1, JUL 87



FY 2004/2005 BUDGET PRC	DUCTIO	N SC	HEDU	LE, P	-21													DATE			F	ebru	Jary	20	03					
APPROPRIATION/BUDGET / PROCUREMENT OF AMMUN			& MAI	RINE	CORF	s		ВA	.1				Weap	pon	Sys	tem		P-1 AIF	ITEI RBO	N NO	ome E R		LATI KE	URE TS,	ALI	(BL _ T`	LI 01 YPE	1510 ES	0)	
							Pro	ducti	ion R	ate					Pro	cure	mer	nt Le												
li e se			nufactu				0.0						T Prio			T Af			Initia			eord	-		<b>T</b> . ( .	1			nit of	
Item MK 66 Rocket Motor			and L				SR	3-1 8	3-5	MA) 15	X	to	Oct '	1	(	Cot 2		IVI	fg Pl 18	_	IVI	fg P 18	LI		Tota 25	-			asur	e
MK 71 Rocket Motor	TBD				5	1		8		15						7			18			18			25			K K		
MK34 Smoke Warhead	NSW	СІН				1		8		15						6			12			12			18			K		
	11011	0, 11			1					FISCA			2002			0			12				CAL Y					N		
ITEM / MANUFACTURER	F	s	Q	D	в		2001			11004			IDAR Y	/FAR	2002	>						110			DAR YE	AR 2	2003			
	Y	V C	T Y	E L	A L	O C T	N O V	D E C	J A N	Е	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 66 Rocket Motor							v	U			IX.	IX.			-	0		-	v	0			K	IX.				Ū	<u> </u>	
GENERAL DYNAMICS	02	N	26.7	0	26.7						А																			26.7
TBD	03	N	51.1	0	51.1																				А					51.1
MK 71 Rocket Motor											-																			┣—
			0.5	_	0.5													_												0.5
TBD	03	N	2.5	0	2.5																			A						2.5
MK34 Smoke Warhear (DERF)	02	Ν	5.6	0	5.6				А																					5.6
				_	_					FISCA	LYE											FIS	CAL Y							
ITEM / MANUFACTURER	F	S V	Q T	D E	B		2003					(	CALEN	DAR	YEAR	R 2004							CA		DAR YE	AR 2	2005			в
	1	c	Y	L	A L	O C T	N O V	D E C	J A N	Е	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	A U G	S E P	A L
MK 66 Rocket Motor							v	C	IN	Б	ĸ	N	I	IN	L	9	Г	-	v	C	IN	Б	ĸ	n.	1	IN		G		
GENERAL DYNAMICS	01	Ν	22.0	0	22.0		4.0	3.0	3.0	3.0	3.0	3.0	3.0																	.0
GENERAL DYNAMICS	02	N	26.7	0	26.7												3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9					.0
TBD	04	N	11.9	0	11.9								А																	11.9
TBD	05	N	14.6	0	14.6																				А					14.6
MK 71 Rocket Motor											-																			
TBD	03	Ν	2.5	0	2.5	1						2.5												l			1			0.0
TBD	04	Ν	1.6	0	1.6							А												1.6	6		1			0.0
TBD	05	Ν	2.5	0	2.5																			A						2.5
MK34 Smoke Warhead (DERF)	02	N	5.6	0	5.6										2.8			2.8												0.0
Remarks:	*Proc	luction	n rates	are e	establis	shed	on t	he c	ontra	ct, th	ey	are i	n tho	usa	nds	of u	nits	and	are o	on a	mor	nthly	bas	is			<u>I</u>		<u> </u>	L
DD Form 2445, JUL 87				Previo	us edition	is are (	obsole	te					P-1 SH	IOPP	ING	.IST														
311 / 244											ITE	M NO						NO.							P-21	Prod	uctior	n Sche	edule	
										С	LA	SSIF	ICATI	ION	:	U	N	Cl	_A	S	SI	FI	E	D						

FY 2002/2003 BUDGET PRO			HEDU	LE, P	<b>-</b> 21											DATE			Fe	br	uary	y 20	03					
APPROPRIATION/BUDGET A PROCUREMENT OF AMMUN			& MA	RINE	CORI	PS BA	.1					Weapo	n Sy	stem		P-1 I <b>AIR</b>	TEM BO	NO RNI	MEN E RO	ICL DC	ATU <b>KE</b>	JRE TS,	AL	LT	YPE	ES		
						Pro	ducti	on R	ate*							nt Lea	adtin	nes										
Item			ufactu and Lo		'n	MSR	1-8	3-5	MA	х		T Prior Oct 1		_T Al Oct			nitial g PL			eorc g P	-		Tota	l			Jnit o easu	
MK 66 RKT MTR (HA07) MK 71 Rocket Motor	GEN TBD	ERAL	DYNA	MICS	6	1	6		15 15					7			18 18			18 18			25 25			K		
MK 71 ROCKEL MOLOF	ТВD	1	1		1	I	Č							1			18			-			-			Κ		
ITEM / MANUFACTURER	F		Q	D	в				FISCA											FISC	CAL Y							
HEWI / MANUFACTURER	Y	S V C	α Τ Υ	E L	A L	2005 O N C O T V	D E C	J A N	E	M A R	A P R	AR YEAR M J A U Y N	2006 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	ALENI P R	DAR Y M A Y	J U N	J U L	A U G	S E P	B A L
MK 66 Rocket Motor																												
TBD	03	Ν	51.1	0	51.1	6.7	6.5	6.5	6.5	6.5	6.1	4.3 4.0	4.0															0.0
TBD	04	N	11.9	0	11.9												1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	1.0			0.0
MK 71 Rocket Motor																												
TBD	05	N	2.5	0	2.5						2.5																	0.0
									FISCA	L YE	AR 2	2008								FISC	CAL Y	'EAR	2009					
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	2007 O N C O	D E	J A	E	M A	A P	AR YEAR M J A U	J U	A U	S E	0 C	N O	D E	J A	F	M A	A P	DAR Y M A	J U	J U	A U	S E	B A L
	_					ΤV	С	Ν	В	R	R	Y N	L	G	Р	Т	V	С	Ν	В	R	R	Y	Ν	L	G	Р	
MK 66 Rocket Motor				•	44.0			<u> </u>		<u> </u>	<b>.</b>																'	
TBD	05	N	14.6	0	14.6	2.1	2.1	2.1	2.1	2.1	2.1	2.0																0.0
	_																											
													1														+'	
													1															
Remarks:	*Proc	luctio	n rates	are e	establi	shed on	the c	contr	act th	hev	are	in thou	sanc	s of	unit	s and	are	on a	mo	hthl	v ba	sis			I			
Pricing is provided by the Army and in								5.111			2.0							5.10			,	5.5						
DD Form 2445, JUL 87		0 00101				ns are obsol	ete					P-1 SHOP	PING	LIST														
311 / 244										ITEN	/I NO	3			PAGE	E NO.	8			•			t P-21				nedule	



	BUDG	ET ITEM	JUSTIFIC	CATION S	HEET			DATE:				
		P-40								Februar		
APPROPRIATION/BUI								P-1 ITEM NO			(BLI 015500)	
PROCUREMENT			NAVY &	MARINE	CORPS				IACHINE	GUN AM	MUNITION	(J1Q4)
Program Element for C	code B Item	S:				Other Rela	ted Progra	m Elements				
	Prior	ID									То	
	Years*	Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
COST												
(In Millions) This line funds proc	\$54.1	A	\$13.2	\$30.3	\$17.9	\$25.8	\$26.3	\$18.0	\$27.1	\$27.2	Continuing	Continuning
and the Semi-Armo configured cartridge AH-1 aircraft. All 2 Piercing High Explo Funds requested fo penetrator. (2) Pie: Formerly managed J1Q4.	es are use 0MM amm osive Incer or the Prod zo-Electric under PE0	d in the MG unition is p ndiary (SAF uct Improv Tranduce D(T) and s ly. These	61A1/A2 G procured b PHEI) war rement Pro r consolida ubhead Y <sup>2</sup> programs	Sun Systen y the Army fighting ca ogram (PIP ation effort 1Q4, this p	ns in the F/J /'s Single M rtridge for t ?) are requir . (3) RMAT program was	A-18 and F lanager for the GAU-12 red to: (1) ( S Multi-Pu s transferre	-14 Aircra Conventi 2 gun syst Complete Irpose Stu ed to PEO	aft. The linked onal Ammun em in the AV replacement idy. (4) Bulle P(W). Beginn	d configure ition (SMC '-8B Aircra for PGU-2 t Tip Paint ing with F\	ed cartridge A). 25MM ft. 0/U deplet replaceme /01, it will	es are used ir I funds are for ted Uranium t ent for aerial be executed	n the M197 gun r the Semi-Armor to a Titanium target training.
and Other Procure \$10.0M of Defense		. ,		g (DERF) v FY2003	was receive FY2004	ed to procu FY2005	re an estir FY2006	mated quanti FY2007	ty of 405,3 FY2008	59 PGU-2 FY2009	8A/B Saphei	rounds (Bulk).
NAVY RESERVE			0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		
DD Form 2454, JUN 86	6		ITEM NO.		PPING LIST PAGE NO.		CLASSIFI					
							UNC	LASSII	-IED			

#### UNCLASSIFIED CLASSIFICATION:

BUDGET ITEM JUSTIFI	CATIO	N SHEET FO	R AGGREGA	TED ITEMS	5	DATE:						
P-40a						F	ebruary 2003					
APPROPRIATION/BUD	GET AC	TIVITY			P-1 ITEM NO							
PROCUREMENT OF AMMUNITION,	NAVY & N	MARINE CORPS			MACHINE G		'ION (J1Q4)		(BLI 015500	)		
	ID	Prior									То	
Procurement Items	Code	Years*	FY 2002	FY 2003	FY 2004	FY 2005					Complete	Total
20MM BULK, TP												
Quantity	Α	4,709,115	755,167	329,449	347,711	185,758						
Funding		\$28,997	\$5,188	\$2,092	\$2,129	\$1,159						
20MM, BULK (LINKLES	S). HEI											
Quantity	A	173,074	16,614	113,224	117,800	154,147			1	1		
Funding		\$4,508	\$550	\$3,382		\$4,566						
20MM LINKED, TP,												
Quantity	Α	607,594	497,042	95,112	224,157	251,390						
Funding		\$4,604	\$4,941	\$1,148	\$2,327	\$2,659						
20MM, LINKED, HEI												
Quantity	Α	0	0	656,966	243,666	474,844						
Funding		\$0.0	\$0.0	\$20,655	\$7,433	\$14,764						
20 MM LINKING EFFOR	T, TP,	TPT										
Quantity	Α	395,100	0	0	0	0						
Funding		\$756	\$0	\$0	\$0	\$0						
Other Costs		\$15,198	\$2,551	\$3,069	\$2,617	\$2,647						
Total P-1 Funding		\$54,063	\$13,230	\$30,346	\$17,933	\$25,795						
			. ,		. ,							
Reflects FY1995-FY200	)1 only.	These progr	ams were fur	ided in FY94	and prior from	the Weapons	Procurement I	Navy (WPN	)			
and Other Procurement	Navy (C	DPN) account	S.									
			P-1 SHOP	PING LIST				CLASSIFIC	CATION:			

DD Form 2454, JUN 86

ITEM NO. 4 PAGE NO. 2

#### UNCLASSIFIED

	WEAPONS SYSTEM COST ANALYSIS P-5									DATE: F	ebruary 200	)3			
	PRIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & MARINE CORPS			P-1 ITEM NO	OMENCLAT	JRE/SUBHEA	D		1			-			
						IITION (J1Q4		BLI 015500	)						
			TOTAL COST	T IN THOUS	ANDS OF D	OLLARS									
COST	ELEMENT OF COST	ID	Prior		FY 2002			FY2003			FY2004			FY2005	
CODE		Code													
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
4010	20MM BULK, TP	А	28,997	755,167	6.87	5,188	329,449	6.35	2,092	347,711	6.12	2,129	185,758	6.24	1,
24050	20MM, BULK, HEI	A	4,508	16,614	33.10	550	113,224	29.87	3,382	117,800	29.09	3,427	154,147	29.62	4,
24060	20MM LINK, TP	А	4,604	497,042	9.94	4,941	95,112	12.07	1,148	224,157	10.38	2,327	251,390	10.58	2,6
BD	20MM, LINK HEI	А	0	-	-	-	656,966	31.44	20,655	243,666	30.50	7,433	474,844	31.09	14,
24050	20MM Linking Effort, TP,TPT	А	756	-	-	-	-	-	-	-	-	-	-	-	-
24800	Integrated Logistics Support		1,197			540			555			560			:
24830	Prod. Engr. SupNavy		9,524			1,528			1,879			1,539			1,
24850	Product Improvement Program		4,422			483			635			518			:
24894	Gaging		55												
24050	**20MM, BULK, HEI (DERF) NON-ADD			405,359	23.44	9,500	-	-	-	-	-	-	-	-	-
	*Reflects FY95-FY00 only, these programs were funded in and Other Procurement, Navy (OPN) accounts. Pricing is provided by the Army and incorporates other set			the Weapor	is Procureme	ent, Navy (WF	N)								
	**\$10.0M of Defense Emergency Response Funding (DEF		l l	rocure an es	timated quar	ntity of 405 359	PGU-28A/B Sar	ohei rounds (	(Bulk) NON	-ADD					
	••••••••••••••••••••••••••••••••••••••				1										
	TOTAL		54,063			13,230			30,346			17,933			25,7
															,.

**BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)** Weapon System A. DATE February 2003 B. APPROPRIATION/BUDGET ACTIVITY C. P-1 ITEM NOMENCLATURE SUBHEAD J1Q4 **PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS** MACHINE GUN AMMUNITION (BLI 015500) CONTRACT DATE OF SPECS IF YES Cost Element/ QUANTITY UNIT LOCATION RFP ISSUE METHOD CONTRACTOR AWARD FIRST AVAILABLE WHEN FISCAL YEAR COST OF PCO DATE & TYPE AND LOCATION DATE DELIVERY NOW AVAILABLE (000) 20MM BULK, TP FY02 755.167 ARMY IOC FFP **GENERAL DYNAMICS** YES 6.87 N/A May-02 Dec-02 FFP FY03 329,449 ARMY IOC N/A TBD Apr-03 Oct-03 YES 6.35 FFP TBD YES FY04 347,711 6.12 ARMY IOC N/A Apr-04 Oct-04 FY05 185,758 6.24 ARMY IOC N/A FFP TBD Oct-05 YES Apr-05 20MM, BULK, HEI FY03 113,224 29.87 ARMY IOC N/A FFP TBD Oct-03 YES Apr-03 FFP FY04 117,800 29.09 ARMY IOC N/A TBD Apr-04 Oct-04 YES FY05 154,147 29.62 ARMY IOC N/A FFP TBD Apr-05 Oct-05 YES 20MM LINKED, TP FFP GENERAL DYNAMICS **FY00** 112,052 8.79 ARMY IOC YES N/A Aug-01 May-03 FFP TBD YES FY02 497,042 9.94 ARMY IOC N/A Apr-03 Oct-03 FY03 95,112 12.07 ARMY IOC N/A FFP TBD Apr-03 Oct-03 YES TBD YES FY04 224,157 10.38 ARMY IOC N/A FFP Apr-04 Oct-04 FY05 251,390 10.58 ARMY IOC N/A FFP TBD Apr-05 Oct-05 YES 20MM, LINKED, HEI FY03 656,966 31.44 ARMY IOC N/A FFP TBD Apr-03 Oct-03 YES 30.50 ARMY IOC N/A FFP TBD Oct-04 YES FY04 243,666 Apr-04 FFP FY05 474,844 31.09 ARMY IOC N/A TBD Oct-05 YES Apr-05 D. REMARKS: Pricing is provided by the Army and incorporates other services' buys.

4

CLASSIFICATION:

CLASSIFICATION:



FY 2004/2005 BUDGET PROD			EDULE, F	<b>-</b> 21								1						DATE				Februa	ry 2003							
APPROPRIATION/BUDGET AC PROCUREMENT OF AMMUNI				CORPS			(I	BLI 015	5500)			I	(F	Weapo 3LI 0155	n System	1		P-1 ITE	M NOME	ENCLAT	URE MACHII									
							P	Product	tion Rate				(-	2.0.00	00)	Pro	curemer	nt Leadtir	mes											
			Manufact										ALT Pric			ALT Afte	r		*Initial			*Reorde							nit of	
Item	051		ame and L				SR		8-5		AX		to Oct 1			Oct 1			Mfg PLT	-		Mfg PLT			Total				asure	
20MM, BULK, TP 20MM, BULK, HEI	GEN	ERALL	YNAMICS	S, MARIC	ON IL		66 66		70 70		90 90		6			6			6			6			12 12			TH TH		
20MM, BULK, HEI 20MM, LINK, TP			YNAMICS				6		70		90 90		6			6			6			6			12			TH		
20MM, LINK, HEI	TBD						6		70		90		6			6			6			6			12			тн		
												'EAR 20									1	-		EAR 20						1
ITEM/MANUFACTURER	F	S	Q	D	в		2001					CA	LENDAR		2002										DAR YE	AB 2002				
TEM/MANOFACTORER	Y	v	т	Е	А	0	N	D	J	F	М	A	M		J	A	S	0	N	D	J	F	М	A		.1	J	A	S	в
		Ċ	Ŷ	L	L	С	0	Е	A	Ē	A	Р	A	Ŭ	Ŭ	U	E	С	0	E	Ă	Е	А	P	A	Ŭ	U	U	E	А
20MM. BULK. TP	_					Т	V	С	N	В	R	R	Y	N	L	G	Р	Т	V	С	N	В	R	R	Y	N	L	G	Р	L
GENERAL DYNAMICS	02	N	755.2	0.0	755.2	+						+	A		+				-	187.5	150.0	150.0	150.0	117.7				1		0.0
TBD	02	N	329.4	0.0	329.4	1						1			1									A				1		329.4
	1					1						1			1															
20MM, BULK, HEI																														
TBD	03	Ν	113.2	0.0	113.2																			Α						113.2
**20MM, BULK, HEI (DERF)	00		105 1		105 1							1			1				45.6	016	50.0	00.0	55.0		55.0	00.0				
GENERAL DYNAMICS	02	Ν	405.4	0.0	405.4			A											45.2	64.9	50.0	60.0	55.0	55.0	55.0	20.3				0.0
COMMA LINK TO																														
20MM, LINK, TP GENERAL DYNAMICS	00	N	112.1	0.0	112.1																				112.1					0.0
TBD	00	N	497.0	0.0	497.0																			А	112.1					497.0
TBD	02	N	95.1	0.0	95.1																			A						95.1
			00.1	0.0	00.1																									00.1
20MM, LINK, HEI																														
TBD	03	Ν	657.0	0.0	657.0																			А						657.0
										F	ISCAL Y	'EAR 20										F	SCAL Y	EAR 20						
ITEM / MANUFACTURER	F	S	Q	D	В		200				1			1	YEAR 2	1								r	DAR YE			1		_
	Y	V	T Y	E	A	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	В
		С	Y	L	L	C T	O V	E C	A N	E B	A	P R	A Y	U N	U	U G	E	C T	O V	E C	A N	E B	A R	P R	A	UN	U	U G	E	A
20MM, BULK, TP	_						V	U	IN	в	R	ĸ	Ť	IN	L	G	Р	1	V	U	IN	в	ĸ	ĸ	ř	IN	L	G	Р	L
TBD	03	N	329.4	0.0	329.4	180.0	149.4																							0.0
TBD	04	N	347.7	0.0	347.7	100.0	143.4					А						191.0	156.7											0.0
TBD	05	N	185.8	0.0	185.8																			Α						185.8
	L																													
20MM, BULK, HEI																														
TBD	03	Ν	113.2	0.0	113.2	113.2																								0.0
TBD	04	N	117.8	0.0	117.8							A						117.8												0.0
TBD	05	Ν	154.1	0.0	154.1																			A						154.1
20MM. LINK. TP						-						-			-		-			-									-	-
TBD	02	N	497.0	0.0	497.0	180.0	180.0	137.0																						0.0
TBD	02	N	95.1	0.0	95.1	95.1	100.0	101.0				1			1															0.0
TBD	03	N	224.2	0.0	224.2	00.1						А						115.0	109.2									1		0.0
TBD	05	N	251.4	0.0	251.4	1						1		1	1						1			Α				1		251.4
						1						1			1															1
	+		057.0		057.0	100.5	100.0	100.0	117.0			-			-															
		Ν	657.0	0.0	657.0 243.7	180.0	180.0	180.0	117.0			A			-		-	144.0	100 7	-									-	0.0
TBD	03	NI											1		1	1	1	141.0	102.7	1	1			1				1	1	0.0
TBD	04	N	243.7									~			-									٨						474.0
TBD TBD TBD	04 05	Ν	474.8	0.0	474.8	anat a	alaratad -	abadul																А						474.8
TBD TBD	04 05 prically	N been d	474.8 elivered ir	0.0 6 mont	474.8 ns at a no					of 105 2	50 PCU		anhoi ro	unde (P										A						474.

FY 2004/2005 BUDGET PROD			EDULE, F	P-21														DATE				Februa	ary 2003							
APPROPRIATION/BUDGET AC								(BLI 01	5500)					Weapon		ı		P-1 ITE	M NOME											
PROCUREMENT OF AMMUNI	FION, I	NAVY 8		CORPS	5			Product	tion Rate			1	(B	LI 01550	00)	Dro		nt Leadti			MACHIN	NE GUN	AMMU	NITION						
			Manufact	urer's				FIUUUCI	IOTINALE				ALT Prior	r		ALT Afte		Leadu	*Initial		,	*Reorde	r				1	U	nit of	
Item			ame and L			М	ISR	1-	8-5	M	AX		to Oct 1			Oct 1	•		Mfg PLT			Mfg PLT			Total				asure	
OMM BULK, TP			YNAMICS				66		70		90		6			6			6			6			12			TH		
0MM, BULK, HEI	TBD						66		70		90		6			6			6			6			12			TH		
OMM, LINK, TP		ERAL D	YNAMICS	6, MARIO	ON IL		66		70		90		6			6			6			6			12			TH		
0MM, LINK, HEI	TBD					6	66	2	70	1	90		6			6			6			6			12			TH		
				1	1					F	SCAL Y	EAR 200	)6									F	ISCAL Y	EAR 20	07					1
			Q	D	в	-																								
ITEM/MANUFACTURER	F	S	_	_			2005					-	ENDAR											1	DAR YE	1				_
	Y	V C	T Y	E L	A L	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 I	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	J U I	A U G	S E P	B
OMM, BULK, TP							v	U	IN	в	ĸ	ĸ	ř	IN	L	G	Р	1	v	U	IN	в	ĸ	ĸ	Ť	N	L	G	Р	L
IBD	05	N	185.8	0.0	185.8	100.0	85.8																							0.0
20MM, BULK, HEI FBD	05	Ν	154.1	0.0	154.1	100.0	54.1																							0.0
20MM, LINK, TP																														
TBD	05	Ν	251.4	0.0	251.4	126.4	125.0																							0.0
20MM, LINK, HEI																														
IBD	05	Ν	474.8	0.0	474.8	180.0	180.0	114.8																						0.0
										F	SCAL Y	EAR 200	)8									F	ISCAL Y	EAR 20	09					
ITEM / MANUFACTURER	F	S V	Q	D	В		-	007					-	ENDAR		1	-	-				_		-	DAR YE				-	_
	Y	v C	T Y	E	A	0 C	N O	D E	J	F	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F	M	A P	M A	J	J	A U	S E	B
		U		L	L	т	v	Ċ	Ň	B	R	R	Ŷ	N	L	G	P	Т	v	Ċ	N	B	R	R	Y	N	L	G	P	Ĺ
									_																					
	-																													
	_																													-
							-																							1
							-																							
	_																													
Remarks: Navy qtys have historically bee	n deliv	ered in	6 months	at a no-o	cost accele	erated so	chedule.																							
				Danui			-1-4-						P-1 SHC		LICT				CLASSIF		N.I.		SSIFIED							
D Form 2445, JUL 87				Previou	us editions	are obs	olete						P-1 SHC	PHNG	LIST						IN.									

			BUDGE	<b>FITEM JUST</b>	<b>IFICATION</b>	SHEET				DATE:		
				P-40							FEBR	UARY 2003
APPROPRIATION/BUDG	ET ACTIVIT	Ϋ́						P-1 ITEM NO	MENCLATURE			
PROCUREMENT OF		TION,	NAVY & MA	ARINE CORF	•				PRACTICE	BOMBS (J1	Q1)(BLI 016000	))
Program Element for Coc B.A.1 - Navy Ammu								Other Related	Program Elen	nents		
	Prior	ID									То	
	Years	Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY												
COST (In Millions)	\$248.7	Α	\$34.8	\$64.5	\$51.4	\$53.9	\$56.5	\$49.7	\$60.5	\$61.4	CONT	CONT
	<b>φ</b> 240.7	A	<b>77</b>	<b>\$04.</b> 5	<b>φ31.4</b>	<b>\$</b> 55.9	\$30.5	<b>φ49.</b> 7	<b>400.</b> 5	<b>Φ</b> 01.4	CONT	CONT
CXU-3 signal which prov material and have the sa These items are procure is utilized on the BDU-45 The Laser Guided Trainii which requires coordinat Congressionally directed advanced tactics develop greatly reduced cost whil The Production Engineer Cartridge, BDU-45/B, MH article and quality assura Miscellaneous Items line Navy Reserves	me weight, s d by the Arm ng Round (L ion between procuremer oment; and is le maintainin ring Support K 76, LGTR, ince testing; includes M7	Size, cen ay as a S GTR) is the aircr at of the I s suitable g LGB s and Inte fins and ECP re	ter of gravity a single Manager procured direct rew and the lass Laser Guided <sup>1</sup> e for launch fro tockpiles. grated Logistic other practice view/comment cables, Mk 85 04 05	nd ballistics of a r for Conventior tly by the Navy ser designator. Training Round om all Navy and cs Support are of weapons. The s/recommenda d) Adapters, Arm <u>5 06 0</u>	a live bomb. T hal Ammunition . This round en Development ( (LGTR) is cap Marine Corps continuing annu se efforts inclu tion, technical n hing Wires, Lug 7. 08.	The BDU-45 use The BSU-86 nhances the eff of delivery optic able of replicati aircraft used to ualized efforts a de maintenanc manual update	es a CXU-4 sig GA/B fin at pilot fective use of t ons and multi-a ing the kinema o deploy LGBs associated with e of PDP (Pro- , evaluation of	inal cartridge fo option can extern he PAVEWAY I aircraft tactics re- tics of LGBs to . LGTR provide n ongoing procu- curement Data	r spotting local and four fin bla I Laser Guideo equire extensiv provide increa as actual hardv urements of the Packages), pa	tion and simula des which deca d Bombs (LGB) ve cost effective sed basic train vare for aircrew e Practice Bom rticipation in po	tes a 500 lb G. P. E elerate bomb speed precision guided we training. The ing capability and for and tactics develo bs associated Signa ost award conference	Bomb. d. This fin veapon ollow-on opment at a al
					D 4 CHOSE							
				ITEM NO	P-1 SHOPP			4	CLASSIFICAT	HON:		
DD Form 2454, JUN 86				ITEM NO.	5	PAGE NO.		1				

## UNCLASSIFIED

	E	BUDGET IT	EM JUSTIFIC	CATION SHI P-40		GREGATE	D ITEMS		DATE:	FEBRUA	RY 2003
APPROPRIATION/BUD	DGET ACT	IVITY					P-1 ITEM NOMENCLAT	URE	•		
PROCUREMENT C								PRACTICE BOME	85 ( 1101)/BLL01	6000)	
		Prior									
Procurement Items	Code	Years	FY 2002	FY 2003	FY 2004	FY 2005				To Complete	Total
MK 76	A		112002	112000	112001	112000				re complete	Total
QTY			133,509	150,000	0	196,000					
FUNDING			\$4,087	\$4,529	\$0	\$6,156				Cont	Cont
BDU-45/MK 82	A										
QTY	/ (		13,998	10,000	14,891	11,500					
FUNDING			\$15,896	\$11,218	\$17,031	\$13,429				Cont	Cont
BSU-86A/B	A										
QTY			0	6,087	0	0					
FUNDING			\$Ŭ	\$12,919	\$Ŭ	\$0				Cont	Cont
LGTR	A										
QTY			4,623	6,476	6,050	5,550					
FUNDING			\$9,485	\$13,608	\$13,030	\$12,252				Cont	Cont
MK 83 INERT	A										
QTY			0	8,183	6,918	7,147					
FUNDING			\$0	\$15,968	\$13,768	\$14,523				Cont	Cont
BDU-48(E962)	A										
QTY			0	0	20,000	20,000					
FUNDING			\$0	\$0	\$617	\$630				Cont	Cont
OTHER COSTS			\$3,847	\$4,256	\$4,971	\$4,892				Cont	Cont
Miscellaneous Items			\$1,499	\$2,000	\$2,000	\$2,000				Cont	Cont
TOTAL:		\$248,678	\$34,814	\$64,498	\$51,417	\$53,882				Cont	Cont
		1			P-1 SHOPPIN	G LIST	CLASSIF	CATION:		1 1	

DD Form 2454, JUN 86

ITEM NO. 5 PAGE NO. 2

2

	W	EAPONS	S SYSTEM C P-5	OST ANALY	SIS				Weapon Sy	vstem			DATE: Fe	bruary 2	003
APPRC	PRIATION/BUDGET ACTIVITY								ID Code	P-1 ITEM NO	MENCLATUR	E/SUBHEAD			
PROCU	REMENT OF AMMUNITION, NAVY &	MARIN	E CORPS												
B.A. 1	Navy Ammunition									PRACTICE	E BOMBS (	J1Q1)(BLI (	016000)		
			TOTAL COST	IN THOUSA	NDS OF DOL	LARS									
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2002			FY 2003			FY 2004			FY 2005	
CODE		Couo	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	PROCUREMENTS														
Q1010	MK 76 (E973)	А		133,509	30.61	4,087	150,000	30.19	4,529			0	196,000	31.41	6,156
Q1040	BDU-45/B/MK 82 INERT (F017)	Α		13,998	1,135.56	15,896	10,000	1,121.76	· · ·		1,143.68	17,031	11,500	1,167.71	13,429
	BSU-86A/B FIN (EA53)	Α				0	6,087	2,122.36	· · ·			0			0
Q1300	LASER GUIDED TRAINING ROUND	A		4,623	2,000.00	9,485	6,476	2,101.25	- /	6,050	2,153.78	13,030	5,550	2,207.62	12,252
Q1060	MK 83 INERT (E511)	A				0	8,183	1,951.31	15,968		1,990.16	13,768	7,147	2,032.03	14,523
	BDU-48(E962) REMENT SUPPORT AND OTHER	A							0	20,000	30.83	617	20,000	31.48	630
Q1800	ILS					402			400			400			400
Q1830	PES					2,857			3,266			3,981			3,892
Q1850	PIP					341			340			340			350
Q1894	GAGING					247			250			250			250
Q1TBA	MISCELLANEOUS ITEMS					1,499			2,000	)		2,000			2,000
			248,678			34,814			64,498			51,417			53,882
DD FOR	M 2446, JUN 86	P-1 SH	OPPING LIST	•					•	•		CLASSIFICA	TION:		<u> </u>

ITEM NO.

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PAGE NO.

 $_{\rm 3}$  UNCLASSIFIED

# UNCLASSIFIED

BUDGET PROCUREM	ENT HISTO	RY AND PLA	ANNING EXHIBIT (P-	5A)		Weapon System		A. DATE	BRUARY	2003
APPROPRIATION/BUDGET A	ACTIVITY				C. P-1 ITEM NOM	IENCLATURE			SUBHEAD	2005
PROCUREMENT OF A	MMUNITIO	N, NAVY & N	ARINE CORPS			30MBS (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 REVISION AVAILABL
Q1010 <u>MK 76 (E973)</u>										
FY 02 FY 03 FY 05 Q1040 <u>BDU-45/B /MK 8</u>	133,509 150,000 196,000 32 INERT (F	30.61 30.19 31.41 <u>017)</u>	Rock Island, IL Rock Island, IL Rock Island, IL	TBD TBD TBD	C/FP C/FP C/FP	UNKNOWN UNKNOWN UNKNOWN	Apr 02 Apr 03 Apr 05	May-03 May-04 May-06	YES YES YES	
FY 02 FY 03 FY 04 FY 05	13,998 10,000 14,891 11,500	1135.56 1121.76 1143.68 1167.71	Rock Island, IL Rock Island, IL Rock Island, IL Rock Island, IL	TBD TBD TBD TBD	SS/FP SS/FP SS/FP SS/FP	MCALESTER, AAP MCALESTER, AAP MCALESTER, AAP MCALESTER, AAP	Feb-02 Feb-03 Feb-04 Feb-05	Jun-04 Jun-05 Jun-06 Jun-07	YES YES YES YES	
Q1300 Laser Guided Tr	raining Rour I	<u>nd</u>								
FY 02 FY 03 FY 04 FY 05 Q1060 <u>MK 83 Inert (E5</u>	4,623 6,476 6,050 5,550 11)	2,000.00 2,101.25 2,153.78 2,207.62	NAVAIR NAVAIR NAVAIR NAVAIR	Jan-02 Aug-02 TBD TBD	C/FP C/FP C/FP C/FP	LOCKHEED-MARTIN UNKNOWN UNKNOWN UNKNOWN	Apr-02 Apr-03 Apr-04 Apr-05	Jun-03 Jun-04 Jun-05 Jun-06	YES YES YES YES	
FY 03 FY 04 FY 05 Q1046 <u>BSU-86A/B FIN</u>	8,183 6,918 7,147	1,951.31 1,990.16 2,032.03	Rock Island, IL Rock Island, IL Rock Island, IL	Aug-02 TBD TBD	SS/FP SS/FP SS/FP	MCALESTER, AAP MCALESTER, AAP MCALESTER, AAP	Jan 03 Jan 04 Jan 05	Apr 06 Apr 07 Apr 08	YES YES YES	
FY 03 Q1061 <u>BDU-48(E962)</u>	6,087	2,122.36	Rock Island, IL	TBD	SS/FP	MCALESTER, AAP	Dec 03	Jan 05	YES	
FY 04 FY 05	20,000 20,000	30.83 31.48	Rock Island, IL Rock Island, IL	TBD TBD	C/FP C/FP	UNKNOWN UNKNOWN	Jan 04 Jan 05	Feb 05 Feb 06	YES YES	

DD Form 2446-1, JUL 87

Classification: UNCLASSIFIED

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FY 2004/05 BUDGET PRODUC	TION	SCHE	DULE, P	P-21														DATE		Fel	oruary	2003								
APPROPRIATION/BUDGET AC PROCUREMENT OF AMMUNIT			& MARII		PS								V	Veapo	n Syst	em		P-1 N	omeno	clature	PRAC	TICE B	OMBS	(		(BL	I 0160	000)		
								Produc	tion Rat	e						Pro	ocurem	nent Le	adtime	s				Ì		•				
			Manufac	turer's								A	LT Pri	or		ALT Aft	er		Initial			Reorde	er					Ur	nit of	
Item		Na	me and	Locatio	n	м	SR	1	-8-5	MA	X	t	o Oct	1		Oct 1		1	Mfg PL	Т		Mfg PL	т		Total			Me	asure	
			into ana	Locatio									0 0 0.			000.1			g			g. =							100.0	
MK 76		MCA	LESTER				10000		30000	90000/n	00					6			14						20			/BULK		
BDU-45			LESTER				4500									6			14						20		T VVIIN,		(1 <u>11)</u> K	
BDU-45		NICA	LEGIER	.(UK)			4500		8000	16000/1	10					0			14						20				ĸ	
										FISC A	L YEAR 2	2002											FISCAL YE	AR 2003	5					
ITEM / MANUFACTURER	F	S	Q	D	В	2001							CALE	ENDAR Y	EAR 20	02		_						CALENE	DAR YEAR	2003	_			1
	Y	v C	T Y	E L	A L	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) (Qty in Thousands)		Ν																												
UNKNOWN	01		275.0	265.4	9.6																9.6							(	1	0
UNKNOWN	05		196.0	0	196.0																								1	196.0
BDU-45/B(F017) (Qty in Thousands)																													I	
MACALESTER	01		11.5	0	11.5																								I	11.5
MCALESTER	02		14.0	0	14.0					Α																				14.0
MCALESTER	03		10.0	0	10.0																	A						1	i	10.0
MCALESTER	04		14.9	0	14.9																									14.9
MCALESTER	05		11.5	0	11.5																							<sup> </sup>		11.5
										FISC	AL YEAR	2004											FISCAL YE	AR 2005	;					
ITEM / MANUFACTURER	F	S	Q	D	В	2003						_	CALE	ENDAR Y	EAR 20	04								CALENE	DAR YEAR	2005				
	Y	V C	T	E	A L	0	N	D	J	F	м	A	м	J	J	A	S	0	N	D	J	F	м	A	м	J	J	A	S	B A
						C T	O V	E C	A N	E B	A R	R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	R	A Y	U N	U L	U G	E P	L
MK 76(E973) (Qty in Thousands)		Ν																												
UNKNOWN	05		196.0	0	196.0																			A				Ļ'	I'	196.0
BDU-45/B(F017) (Qty in Thousands)		Ν												1				1	1					I				Ļ'	'	<u> </u>
MCALESTER	01		11.5	0	11.5		11.5																	I				<b>└──</b> ′	'	0
MCALESTER	02		14.0	0	14.0	I								14.0										I		10.0		<u> </u>	<u> </u>	0
MCALESTER MCALESTER	03		10.0	0	10.0																			I		10.0		<u> </u>	<u> </u>	0
MCALESTER	04 05		14.9 11.5	0	14.9 11.5					A								1				А						'	·'	14.9 11.5
Remarks:	00		11.0	v	11.0			1		I			1	1		1	1		I			~	1		1					11.5
DD Form 2445, JUL 87				Previous e	ditions are ob	solete							P-1 SHO	OPPING	LIST										CLASS	SIFICA	TION:			
												ITI	EM NO	5		PAGE	5								UN	CL	AS	SIF	IEC	)

FY 2004/05 BUDGET PRODUCT		HEDU	JLE, P-2	21											_			DATE						oruary	2003					
APPROPRIATION/BUDGET ACT PROCUREMENT OF AMMUNITION		VY & I	MARINE	COR	PS								We	apon				P-1 I1						BOMB	S (B	LI 0160	00)			
								Produ	uction Ra	ate					Р	rocure	emen	t Lead	ltimes	;										
			anufactu										LT Pri		A	LT Aft	ter		Initial			Reord						Ur	nit of	
Item		Nam	e and L	ocatior	า	M	ISR	1	-8-5	M	٩X		to Oct	1		Oct 1		M	fg PL	Т	N	/lfg PL	T		Tota	al		Me	asure	9
MK 76		MCA	LESTEF	R(OK)			10000		30000	9000	0/mo					6			14						20		TWIN	I/BULł	K(TH	)
BDU-45		MCA	LESTEF	R(OK)			4500		8000	1600	0/MO					6			14						20			Κ		
			-	-																										
ITEM / MANUFACTURER	F	s	Q	D	в	200		FISCA	AL YEAR 20	06		0	ALENDAF		2006								FISC	AL YEAR		'EAR 2007				
	Y	V C	T Y	EL	A L	0 C	N O	D E	J A	F	M A	A P	MA	JU	J U	A U	S E	O C	N O	D E	J A	F	M A	A	M A	J U	J U	A U	S E	B A L
						T	v	c	N	В	R	R	Ŷ	N	Ľ	G	P	T	V	c	N	В	R	R	Y	N	L	G	P	L
MK 76 (Qty in Thousands)		Ν																												
UNKNOWN	05	I	196.0	0	196.0								40	40	40	40	36										1	$\square$		0
BDU-45/B(F017) (Qty in Thousands) MCALESTER	04	Ν	44.0	0	110									7.0	7.0													$\parallel$		0
MCALESTER	04		14.9 11.5	0	14.9 11.5									7.9	7.0											6.5	5.0	+		0
MCALESTER	05		11.5	0	11.5																					0.0	5.0	+		0
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	-									5100													5100		0000					
ITEM / MANUFACTURER	F	s	Q	D	в	200	17			FISC	AL YEAR 2		ALENDAR		2008								FISC	AL YEAR		'EAR 2009				
TEM/ MARCING ROTORER	Y	3	т	E	A	0	N	D	Ļ	F	М	Α	M		2008 J	А	s	0	Ν	D	J	F	м	A	M	J	J	А	S	в
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311 / 244												ſ	TEM NO	5		PAGE	6							UN	ICL	.ASS	SIFI	ED		

FY 2004/05 BUDGET PRODUCTION SCHEDUL	E, P-21																	Date					Fe	ebrua	ry 20	03			
PPROPRIATION/BUDGET ACTIVITY													We	eapon	Syster	m	1	P-1	Item Nor	nencla	ture								
Procurement of Ammunition, Marine Corps	1																					P	RACT	ICE B	OMB	S (B	SLI 01	6000)	,
· · ·							F	Produ	ction Ra	ate					Pr	ocure	ment	Lea	dtimes									,	
		Ν	/lanufactu	irer's					011011110			Δ	LT Pri	or		T Afte			nitial		Reorde	۶r					U	Init of	
Item			me and L			MS	P	1	-8-5	м	AX		o Oct			Oct 1			fg PLT		Mfg PL			Total				easure	
	1.001/		MARTIN(L			UNK				UNK	AA		0.000	1		6		IVI	14		VIIG FL			20			F	easure	;
Laser Guided Training Round (LGTR)				LORAL)						-						-				-							E		
BSU-86A/B	-	NOM				600				3000/					(	6			18					24					
MK 83 Inert	MCAL	ESTEF	2			UNK			3600	9000/	MO					6			14					20			Κ		
								FIS	CAL YEAR	2002											F	SCAL '	YEAR 2	003					
ITEM / MANUFACTURER	F	s	Q	D	в	200	1						CALEND	AR YEA	R 2002								CALEN	DAR YE	AR 2003	3			1
	Y	V	т	E	А	0	N	D		F	М	А	м		J	А	s	0	N D		F	М	А	М	J	J	А	s	в
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Laser Guided Training Round		Ν																											1
LOCKHEED-MARTIN	01		8468	4925	3543															705	705	705	705	705	18				0
LOCKHEED-MARTIN	02		4623	0	4623							Α													385	385	385	385	3083
UNKNOWN	03		6476	0	6476																		Α						6476
UNKNOWN	04		6050	0	6050																								6050
UNKNOWN	05		5550	0	5550																								5550
BSU-86A/B(EA53)																													
MCALESTER	01		1956	0	1956										A											1956			0
MCALESTER	03		6087	0	6087																								6087
MK 83 Inert(E511)		Ν		0504	0.045															1000	1000	4000	1000	4000	1000	4000	1000	0.45	
MCALESTER MCALESTER	00		11,809	3594	8,215 11,509															1000	1000	1000	1000	1000		1000 3836	1000	215	0
MCALESTER	01		11,509 8,183	0	11,509 8,183																				3836	3836	3837		0 8,183
MCALESTER	03		6,918	0	6,918															A									6,918
MCALESTER	04		7,147	0	7,147																								7,14
MICALESTER	05		7,147	0	7,147																								7,14
	1									FIOC	AL YEAF	0004					-						YEAR 2	005					<u> </u>
ITEM / MANUFACTURER	_		Q	D	в		_			FISC	AL YEAR									1	F								-
ITEM / MANUFACTURER	F	s v	ц т	E	A	200	1			1	1		CALEND	AR YEA	R 2004		-				1	1	CALEN	T	AR 2005		<u> </u>		в
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Laser Guided Training Round	-	N						Ũ		-					-	0					5					-	Ŭ		┢───
LOCKHEED-MARTIN	02	IN	4623	1540	3083	385	385	385	385	385	385	385	388																0
UNKNOWN	02		6476	0	6476	303	303	303	303	303	505	303	500	540	540	540	540	540	540 540	540	540	540	540	536					0
UNKNOWN	03		6050	0	6050							А		340	340	340	340	540	340 340	340	540	340	340	330	504	504	504	504	4034
UNKNOWN	05		5550	0	5550																		А		001	001	00.		5550
BSU-86A/B(EA53)		Ν																											
MCALESTER	03		6.087	0	6,087			А												3043	3044								0
MK 83 Inert(E511)		Ν			-,																								
MCALESTER	03		8183	0	8183																								8183
MCALESTER	04	1	6918	0	6918				А	1	1												l i						6918
WOALESTER	05		7147	0	7147															Α									7147

FY 2004/05 BUDGET PRODUCTIO		IEDUL	E, P-21															DATE					Fel	oruary	/ 2003					
PPROPRIATION/BUDGET ACTIVI					_								We	apon	Syste	em		P-1 I	EM	NOM										
ROCUREMENT OF AMMUNITION	, NAV	Y&M	ARINE	CORPS	5	1															PR/	<b>\CTI</b>	CEE	<u>BOM</u>	BS (B	LI 0160	00)			
	1							Produ	uction R	ate		L .						t Leac		-	_							<u> </u>		
14			anufactu				100		0.5		A V.		ALT Prie			LT Aft			nitial			Reord			т.,	-1		-	nit of	
Item aser Guided Training Round (LGTR			ne and L				/ISR UNK	1	-8-5	UNK	AX		to Oct			Oct 1		IVI	fg PL 14		N	/lfg PL	. I		Tot	-			asure	)
aser Guided Training Round (LGTR	) LOCr	(HEEL	D-MARTIN	NLORA	L)		UNK		300	UNK						6			14						20	)	_	Е		
/K 83 Inert	MCA	LESTE	D				UNK		3600	9000/M	0					6			14						20	)	-	К		
in 05 men	NCA	LLOIL	IX				UNIX		3000	3000/10	0					0			14						20	,		N		
		1		-	1																									
ITEM / MANUFACTURER	F	s	Q	D	в	20	0E	FISCA	L YEAR 2	006		0	ALENDAR	VEAD	2006								FISC	AL YEA		YEAR 2007				
	Y	v	т	E	A	0	N	D		F	м	A	M	IEAR	2006	A	S	0	N	D		F	М		M	J	J	А	S	в
		С	Y	L	L	с т	O V	E	AN	E	A	PR	A	U N	U L	U G	EP	C T	O V	E	AN	E	A	P	A	UN	UL	UG	EP	A L
ASER GUIDED TRAINING ROUND		N																										+		
UNKNOWN	04		6050	2016	4034	504	504	504	504	504	504	504	506																ł	0
UNKNOWN	05		5550	0	5550									462	462	462	462	462	462	462	462	462	462	462	468					0
1K 83 INERT (E511)		N																												
MCALESTER	03		8183	0	8183							682	682	682	682	682	682	682	682	682	682	682	681					_		0
MCALESTER	04		6918	0	6918																			577	577	577	577	577	577	3450
MCALESTER	05		7147	0	7147																									741
				_						FISC	AL YEAR												FISC		R 2009					
ITEM / MANUFACTURER	F Y	S	Q T	DE	В	20						1	ALENDAR	YEAR	2008	1				:			1	CA	1	YEAR 2009				в
	Ŷ		Y	L	A L	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	A U G	S E P	AL
K 83 INERT (E511)		N					v	C	IN	Б	K	K		IN	-	0	r	'	v	C	N	D	K	K		in	-	0		
MCALESTER	04		6918	3462	3456	577	577	577	577	577	571																		ł	0
MCALESTER	05		7147	0	7147							596	596	596	596	596	596	596	596	596	596	596	591							0
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emarks:																														
D Form 2445, JUL 87				Previous	editions a	are obsol	lete						P-1 SHO	PPING	LIST									CLASS	SIFICATIO	N:				

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ITEM NO 5 PAGE 8

## UNCLASSIFIED

		BU	DGET ITEM	JUSTIFICA	TION SHEE	Т			DATE:			
			P-4	0						February 2003	i	
APPROPRIATION/BL	JDGET ACTIVI	TY					P-1 ITEM NO	MENCLATURE		(BLI 018000)		
PROCUREMENT	OF AMMUN	IITION,	NAVY & MA	<b>RINE CORF</b>	PS S		Cartridges	and Cartrid	ge Actuated	Devices (CAR	RTS/CADS)	(J1Q8)
Program Element for	Code B Items:						Other Related	Program Elem	nents			
B.A.1 - Navy Amr	munition											
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)	\$158.0	А	\$23.0	\$25.9	\$26.4	\$26.5	\$26.9	\$27.4	\$27.8	\$28.3	Cont	Cont

#### Escape System/Life Support Devices

These items, such as safety/arming devices, sequence controls, shielded mild detonating cords, gas generators, initiators, thrusters, thermal batteries, etc, are used in aircraft emergency escape systems. The total number and type of devices installed varies with the type of aircraft, for example: F-14/A(273); F/A-18(136); S-3(105); EA-6B(45), T-45(76), T/AV-8(90) and AH-1(27). These explosives have finite service lives and are replaced during scheduled maintenance. An aircraft may be grounded if a single one of these items does not meet the standard. The devices age at the same rate whether the aircraft is operating in a war time or peace time environment, and thus the requirement is calendar driven. Life support devices such as the Sea Water Activated Release System and the FLU-8B/P automatic life vest inflator are essential to crew survival after ejection. The budget request provides funding for the procurement of Naval Aircrew Common Ejection Seat (NACES) items, JAU-52/B initiators, BBU-57/A Cutters and other miscellaneous devices.

#### Weapons/Stores Release Cartridges

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.

#### Integrated Logistics Support

Integrated Logistics Support (ILS) efforts will provide ILS planning, maintenance standardization, supply support, other technical ILS production efforts.

#### Production Engineering Support

Production Engineering Support (PES) efforts include the development/review of procurement requests, monitoring of the production, disposition of waivers and deviations, and technical support for First Article Testing/Lot Acceptance Testing. Conformance with new EPA regulations is part of the PES review.

#### Product Improvement Programs

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.

Formally managed under PEO(T) subhead Y1Q8, this program was transferred to PEO(W) in FY01 to be executed under subhead J1Q8. \*FY 95/96/97 only. Prior to FY 95, this program was funded in the Other Procurement, Navy BA-5 appropriation.

CLASSIFICATION:



## UNCLASSIFIED

BU	DGET IT	TEM JUSTI	FICATION S	6HEET FOR 40a	AGGREGA	TED ITEM	3	DATE:	February 2	003	
APPROPRIATION/BUDGET AC			F •	40a			P-1 ITEM NOMENCLATU		(BLI 018000)	003	
									· /		
PROCUREMENT OF AMM			MARINE C	ORPS			Cartridges and Cartr	idge Actuated	Devices (C		<u>5) (J1Q8)</u>
_	ID	Prior								То	
Procurement Items	Code	Years	FY 2002	FY 2003	FY 2004	FY 2005				Complete	Total
CCU-107 Init. Ctg. (MT95)	A										
QTY			165,000	180,000	180,000	180,000					
Funding			\$952	\$945	\$965	\$986					
QTY *(MT95)			80,000								
Funding			\$478								
AU-22/B Init. Ctg. (MF64)	A										
QTY			46,048	105,000	105,000	105,000					
Funding			\$757	\$1,756	\$1,788	\$1,821					
Thermal Battery (CWDR)	A										-
QTY			86	193	142	201					
Funding			\$322	\$734	\$550	\$793					
BBU-57/A Cutter (SR95)	A										
QTY			0	0	58	78					
Funding			\$0	\$0	\$573	\$785					
IAU-52 (MJ91)	A										
QTY			192	697	129	0					
Funding			\$581	\$2,143	\$404	\$0					
lavy Aircrew Common Ejection Sea	A										
QTY											
Funding			\$650	\$1,050	\$1,130	\$1,300					
Miss Davisso			¢10.000	<b>\$10,000</b>	¢14.070	¢44.070					
Misc Devices			\$12,330	\$10,396	\$11,972	\$11,679					
Dther Support			\$6,949	\$8,877	\$8,992	\$9,126					
TOTAL		\$158,010	\$23,019	\$25,901	\$26,374	\$26,490				Cont	Cont
		φ100,010	ψ20,019	ψ20,301	ψ20,074	ψ20,490					
					P-1 SHOPPIN		CLASSIFIC				

DD Form 2454, JUN 86

ITEM NO. 6 PAGE NO. 2

	WEAPONS SYSTEM P-5		LYSIS			Weapon Sy	stem							DATE: <b>February</b>	2003
PROCUF	PRIATION/BUDGET ACTIVITY REMENT OF AMMUNITION, NAVY & MA Navy Ammunition	RINE COR	PS						JRE/SUBHEA			(BLI 018000		-	
			TOTAL COS	T IN THOUS	SANDS OF DO		earting		and go / a		(1			,	
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2002			FY 2003			FY 2004			FY 2005	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
Q8200 Q8090	<u>STORES RELEASE</u> CCU-107 Imp Ctg (MT95) CCU-107 Imp Ctg (MT95) JAU-22/B Init. Ctg. (MF64)	A		165,000 80,000 46,048	5.97	952 478 757	180,000	5.25 16.72	945 1,756	180,000 105,000	5.36		180,000	5.48 17.34	98 1,82
Q8060 Q8080 Q8120 Q8300 Q8600 Q8800 Q8830 Q8840 Q8850 Q8860	SAFETY Thermal Battery (CWDR) BBU-57/A Cutter (SR95) JAU-52/B Init.Ctg (MJ91) Navy Aircrew Common Ejection Seat Miscellaneous Devices Under \$500K Integrated Logistics Support (ILS) Production Engineering Support (PES) Quality Assurance (QA) Product Improvement Program (PIP) Acceptance Testing	A A A		86 192	3,741.00 3,023.67	322 0 581 650 12,330 1,787 1,774 398 1,767 1,223	193 697	3,804.15 3,074.75	734 0 2,143 1,050 10,396 1,824 2,565 422 2,730 1,336	142 58 129	3,873.94 9,884.48 3,130.83		201 78	3,946.77 10,070.51	79: 78: 1,300 11,67: 2,600 45: 2,755 1,41:
	<b>TOTAL</b> 1 2446, JUN 86		<b>158,010</b> DPPING LIST			23,019			25,901			26,374			26,49

BUDGET PROCUREMENT HISTORY	YAND PLANNIN	ig exhibit (p-{	5A)			Weapon System		A. DATE February 2003		
. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMEN	ICLATURE			SUBHEAD	
PROCUREMENT OF AMMUNITION,	NAVY & MARIN	IE CORPS					(BLI 018000)			
B.A.1 - Navy Ammunition					Cartridges a	and Cartridge Actuated De	evices(CAR	TS/CADS)	J1Q8	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISION AVAILABLI
STORES RELEASE										
08200 CCU-107 Imp Ctg (MT95)										
FY 01	180,000	4.59	NAVICP	Sep-00	C/FP	Hanley Industries, Inc Alton, IL	Jun-01	Apr-02	YES	
FY 02	165,000	5.77	NAVICP	Nov-01	C/FP	Technical Ordnance Inc. St. Bonifacius, MN	Dec-01	Apr-03	YES	
*	80,000	5.97	NAVICP	Sep-01	C/FP	Technical Ordnance Inc. St. Bonifacius, MN	Oct-01	Dec-01	YES	
FY 03	180,000	5.25	NAVICP	Oct-02	C/FP	UNKNOWN	Apr-03	Apr-04	YES	
FY 04	180,000	5.36	NAVICP	TBD	C/FP	UNKNOWN	Apr-04	Apr-05	YES	
FY 05	180,000	5.48	NAVICP	TBD	C/FP	UNKNOWN	Apr-05	Apr-06	YES	
28090 JAU-22/B Init. Ctg (MF64)										
FY 01	109,490	16.33	NAVICP	Jan-01	C/FP	AMTEC Corp. Janesville, WI	Feb-01	Apr-01	YES	
FY 02	46,048	16.44	NAVICP	Oct-01	C/FP	Bulova Technologies L.L.C Lancaster, PA	Nov-01	Apr-03	YES	
FY 03	105,000	16.72	NAVICP	Oct-02	C/FP	AMTEC Corp. Janesville, WI	Dec-02	Apr-04	YES	
FY 04	105,000	17.03	NAVICP	TBD	C/FP	UNKNOWN	Apr-04	Apr-05	YES	
FY 05	105,000	17.34	NAVICP	TBD	C/FP	UNKNOWN	Apr-05	Apr-06	YES	

D. REMARKS

CLASSIFICATION:

\*FY02 Emergency Buy to support war efforts

CLASSIFICATION:

BUDGET PROCUREMENT HISTO	RY AND PLANNI	NG EXHIBIT (P-5	A)			Weapon System		A. DATE February 2003		
3. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOME	I IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		February 2003	SUBHEAD	
PROCUREMENT OF AMMUNITIO	N, NAVY & MARII	NE CORPS					(BLI 018000)	)		
B.A.1 - Navy Ammunition						Cartridge Actuated Device	es (CARTS		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
SAFETY		(000)								
Q8060 Thermal Battery (CWDR) FY 01	286	2,818.00	NAVAIR	Feb-01	SS/FP	Martin-Baker Aircraft Company	Mar-01	Apr-02	YES	
FY 02	86	3,741.00	NAVAIR	Oct-01	SS/FP	Higher Denham, UK Martin-Baker Aircraft Company	Dec-01	Apr-03	YES	
FY 03	193	3,804.15	NAVAIR	Oct-02	SS/FP	Martin-Baker Aircraft Company	Apr-03	Apr-04	YES	
FY 04	142	3,873.94	NAVAIR	TBD	C/FP	UNKNOWN	Apr-04	Apr-05	YES	
FY 05	201	3,946.77	NAVAIR	TBD	C/FP	UNKNOWN	Apr-05	Apr-06	YES	
28080 BBU-57/A Cutter (SR95) FY 01	52	10,168.81	NAVICP	Aug-00	SS/FP	Northrop-Grumman Corp. El Segundo, CA	Jul-01	Jan-03	YES	
FY 02	0	0.00	N/A	N/A	SS/FP	N/A	N/A	N/A	YES	
FY 03	0	0.00	N/A	N/A	SS/FP	N/A	N/A	N/A	YES	
FY 04	58	9,884.48	N/A	N/A	SS/FP	Northrop-Grumman Corp.	Apr-04	Apr-05	YES	
FY 05	78	10,070.51	N/A	N/A	SS/FP	Northrop-Grumman Corp.	Apr-05	Apr-06	YES	
Q8120 JAU-52/B Init. Ctg (MJ91) FY 01	227	3,170.00	NAVICP	Oct-00	SS/FP	General Dynamics OTS, Redmond, WA	Apr 01	Apr 02	YES	
FY 02	192	3,023.67	NAVICP	Oct-01	SS/FP	General Dynamics OTS,	Feb-02	Apr 03	YES	
FY 03	697	3,074.75	NAVICP	Oct-02	SS/FP	General Dynamics OTS,	Apr-03	Apr-04	YES	
FY 04	129	3,130.83	NAVICP	TBD	SS/FP	General Dynamics OTS,	Apr-04	Apr-05	YES	
FY 05	0	0.00	N/A	N/A	SS/FP	N/A	Apr-05	Apr-06	YES	

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## UNCLASSIFIED

		BU	DGET ITEM	JUSTIFICA	TION SHEE	Т			DATE:			
			P-4	0						February 2003		
APPROPRIATION/BU	IDGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE		(BLI 018100)		
PROCUREMENT	OF AMMUN	IITION, I	NAVY & MA	RINE CORP	S		Aircraft Ese	cape Rocke	ts/Catapult	s (J1Q9)		
Program Element for (	Code B Items:						Other Related	Program Elen	nents			
B.A.1 - Navy Amn	nunition											
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total	Total
QUANTITY												
COST												
(In Millions)	\$65.2	А	\$9.9	\$10.6	\$10.9	\$10.9	\$11.1	\$11.2	\$11.4	\$11.6	Cont	Cont

This program provides funding for rocket motors, rocket catapults and catapults used to eject aircrewmen from disabled aircraft. The program is structured to meet replacement requirements that are based on aircraft inventories and the escape rocket/catapults service lives. The devices age at the same rate whether operating in a war or peace-time environment, and thus the requirement is calendar driven. An aircraft containing a single escape rocket/catapult not up to man-rated standards is grounded for safety-of-flight. Spare inventories are limited to the lowest level that can be maintained without causing aircraft grounding due to shortfalls. Devices are also used to function aircraft emergency safety systems. The FY 2004 and 2005 budget request provides continued funding for the procurement of MK 122 parachute deployment rocket motors, Mk 123/124 underseat rocket motors, various miscellaneous devices, Product Improvement Programs (PIP), and associated production engineering and integrated logistics support.

PES: Production Engineering Support efforts include the development/review of procurement requests, monitoring of the production, disposition of waivers and deviations, and technical support for First Article Testing/Lot Acceptance Testing. Conformance with new EPA regulations is part of the PES review.

ILS: Integrated Logistics Support efforts will provide ILS planning, maintenance standardization, supply support, other technical ILS production efforts.

PIP: Multi-year Product Improvement Programs consists of programs to ensure producibility and safety for the MK 122, MK123, MK 124, MK 100, MK 101, MK 74, MK 75, MK 86, MK 87, MK 88 USRMs (KU propellant and lead free double base), MK 16 ROCAT (10407 ROCAT), MK 83, MK 85, MK 121 TDRMS, and MK 79, MK 109, MK 113, Rocket Motors.

Formally managed under PEO(T) subhead Y1Q9, this program was transferred to PEO(W), beginning in FY01 to be executed under subhead J1Q9.

	P-1 SHOF	PPING LIST	CLASSIFICATION:	
DD Form 2454, JUN 86	ITEM NO. 7	PAGE NO. 1		
			UNCLASSIFIED	

# UNCLASSIFIED

	BUDGE	ET ITEM JU	JSTIFICATIO	ON SHEET F		<b>EGATED ITI</b>	EMS	DATE:		
				P-40a					Februa	ry 2003
APPROPRIATION/BUD	GET ACT	IVITY					P-1 ITEM NOMENCLATUR	-	(BLI 018100)	-
PROCUREMENT O			NAVY & MA	RINE CORP	S		Aircraft Escape Rocke	ets/Catapult	s (J1Q9)	
Procurement Items	ID Code	Prior Years	FY 2002	FY 2003	FY 2004	FY 2005				Total
Floculement items	Code	Tears	FT 2002	FT 2003	F1 2004	FT 2003			+	TOLAI
MK 122	A									Cont
QTY			246	212	159	204				
Funding			\$514	\$625	\$486	\$624				
MK 123	Α			45	07				╉─────┤	
QTY Funding			20 \$84	15 \$116	27 \$213	38 \$305				
			φ04	φΠΟ	φ213	\$305			+	
MK 124	Α								1	
QTY			40	30	50	50				
Funding			\$168	\$232	\$394	\$401				
*Misc. Devices			\$4,247	\$3,930	\$4,082	\$3,689				
	-									
Other Support			\$4,867	\$5,680	\$5,729	\$5,875			┥───┤	
									╉────┤	
TOTAL		\$65,183	\$9,880	\$10,583	\$10,904	\$10,894	1		+	Cont
TOTAL		φ00,100	ψ0,000	φ10,505	φ10,50 <del>4</del>	φ10,00η			1 1	00111
									<u> </u>	
	<b> </b>						<u> </u>		<u> </u>	
DD Form 2454, JUN 86				ITEM NO.	P-1 SHOPPII 7	NG LIST PAGE NO.	CLASSIFICA 2	HON:		

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DD Form 2454, JUN 86

CLASSIFICATION:

	WEAPONS SYSTEM CO	OST ANA	LYSIS			Weapon Sy	stem							DATE:	
	P-5													Februar	y 2003
APPROF	PRIATION/BUDGET ACTIVITY					ID Code	P-1 ITEM N	OMENCLAT	URE/SUBHE/	٩D					
PROCUP	REMENT OF AMMUNITION, NAVY & MAR	NE COR	PS												
3.A.1 -	Navy Ammunition					Α	Aircraft E	scape Ro	ckets/Cata	pults (J1	Q9)		(BLI 0181	00)	
			TOTAL COST	F IN THOUS	ANDS OF D	OLLARS									
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2002			FY 2003			FY 2004			FY 2005	
CODE		Code	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Co
				quantity			Quantity	01111 0 0001		Quantity		rolar ocor	Quantity		rotal oo
	0.45571														
9070	SAFETY MK122 Parachute Deploy Rkt Motor (MT29)	А		246	2,090.00	514	212	2,949.06	625	159	3,054.72	486	204	3,059.31	
9080	MK123 Underseat Rkt Motor (MT30)	A		240	4,189.10		15	7,738.33	116	27	7,881.48	213	38	8,028.95	
29081	MK124 Underseat Rkt Motor(MT31)	A		40	4,189.10		30	7,738.33	232	50	7,881.48	394	50	8,028.95	
29130	Miscellaneous Devices Under \$500K				.,	4,247		.,	3,930		1,001110	4,082		0,020.00	3,
9820	Reliability Life					639			668			675			
29800	Integrated Logistics Support (ILS)					1,020			1,033			995			1,0
29830	Production Engineering Support (PES)					1,273			1,275			1,312			1,:
29850	Product Improvement Program (PIP)					1,221 714			1,947 757			1,955 792			1,9 8
29860	Acceptance Test					714			/5/			792			(
		D 4 CU				9,880			10,583						10,8
	<b>TOTAL</b> // 2446, JUN 86	P-1 SH	65,183 OPPING LIST 7			<b>9,880</b> PAGE NO.	3		10,583			10,904 CLASSIFICA			

	MENT HISTO	DRY AND PL	ANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
									February 20	03
APPROPRIATION/BUDG ROCUREMENT OF					C. P-1 ITEM N	IOMENCLATURE			SUBHEAD	
B.A.1 - Navy Am					Aircraft Es	scape Rockets/Catapults	(BLI 018	3100)	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 REVISION AVAILABL
09070 MK 122 Parach	nute Deploymer	nt Rkt Mtr (MT2	<u>29)</u>							
FY 01 FY 02	245 246	2,220.00 2,090.00	NAVICP NAVICP	Oct-00 Oct-01	C/FP C/FP	BF Goodrich, Phoenix, AZ BF Goodrich, Phoenix, AZ	MAR 01 FEB 02	APR 03	YES YES	
FY 03 FY 04 FY 05	212 159 204	2,949.06 3,054.72 3,059.31	NAVICP NAVICP NAVICP	Oct-02 TBD TBD	C/FP C/FP C/FP	UNKNOWN UNKNOWN UNKNOWN	APR 03 APR 04 APR 05	APR 04 APR 05 APR 06	YES YES YES	
29080 MK 123 Unders	seat Rkt Mtr (M	<u>T30)</u>								
FY 01 FY 02 FY 03 FY 04 FY 05	10 20 15 27 38	4,745.70 4,189.10 7,738.33 7,881.48 8,028.95	NAVICP NAVICP NAVICP NAVICP NAVICP	Oct-00 Oct-01 Oct-02 TBD TBD	C/FP C/FP C/FP C/FP C/FP	MARTIN-BAKER, UK MARTIN-BAKER, UK UNKNOWN UNKNOWN UNKNOWN	MAR 01 FEB 02 APR 03 APR 04 APR 05	APR 02 APR 03 APR 04 APR 05 APR 06	YES YES YES YES YES	
29081 MK 124 Unders	eat Rkt Mtr (M	<u>T31)</u>								
FY 01 FY 02 FY 03 FY 04 FY 05	20 40 30 50 50	4,745.70 4,189.10 7,738.33 7,881.48 8,028.95	NAVICP NAVICP NAVICP NAVICP NAVICP	Oct-00 Oct-01 Oct-02 TBD TBD	C/FP C/FP C/FP C/FP C/FP	MARTIN-BAKER, UK MARTIN-BAKER, UK UNKNOWN UNKNOWN UNKNOWN	MAR01 FEB 02 APR 03 APR 04 APR 05	APR 02 APR 03 APR 04 APR 05 APR 06	YES YES YES YES YES	

### D. REMARKS

CLASSIFICATION:

FY01 and FY02 unit price for the MK 122, MK 123 and Mk 124 units reflects that the KU propellant contained within the devices was supplied as GFM (previous years and in FY03 and out, the material was purchased by the rocket motor manufacturer). Due to the closure of the previous sole source of the propellant in 2001, we purchased a stockpile of the propellant for use until a new source is qualified. This purchase was executed utilizing FY00 procurement dollars from the misc. devices budget line. The worth of the GFM is \$410 and \$3450 for the MK 122 and MK 123/124s respectively. Thus the unit price for the devices in FY02 including the GFM worth is \$2500 and \$7639 respectively.

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DD Form 2446-1, JUL 87

	BUD	GET IT	EM JUSTIF	ICATION S	SHEET			DATE:				
			P-40						FE	BRUARY 2	003	
APPROPRIATION/E	BUDGET ACTIVIT	Ϋ́					P-1 ITEM NO	DMENCLATU	RE	(BLI 018200	)	
PROCUREMENT O	F AMMUNITION,	NAVY &	MARINE CO	RPS/BA-1 Na	avy Ammunit	ion	А	IRBORNE EX	PENDABLE	C/M PROGR	AM (S/H Y1Q	A)
Program Element fo	r Code B Items:						Other Relate	d Program El	ements			
RDT&E 0604270N	J											
	Prior	ID									То	
	Years	Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY												L
COST												
(In Millions)	\$198.1		\$39.2	\$38.2	\$44.1	\$56.7	\$59.6	\$62.4	\$63.5	\$64.6	CONT	CONT

FY2002 includes a \$3.3M Congressional Add for MJU-52/B IR.

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.

**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.

Active Jammers: The Advanced Airborne Expendable Decoy (AAED), part of the ALE-50 program, enters the final year of production during FY03. The Fiber Optic Towed Decoy (FOTD) is part of the Integrated Defensive Electronic Countermeasure (IDECM) Radio Frequency Countermeasure (RFCM) program and is scheduled to replace the AAED. AAED and FOTD were developed under PE 0604270N RDT&E, Project E2175.

**IR Decoys**: The MJU-49 is currently used by all aircraft. The SM875A is a dedicated, low cost training device. Procurement of the MJU-52 (BOL IR) device began in FY 2000. Procurement of the Advanced Strategic and Tactical infrared Expendable (ASTE) MJU-47 and MJU-48 for the F/A-18 E/F begins in FY 2005. Procurement of the ALE 39 six inch kinematic (MJU57) and companion (MJU55) solution set of expendables begins in FY 2003. These expendables will provide enhanced protection for aircraft not slated to receive ASTE rounds.

**Impulse Cartridges**: Used to propel the self-protection devices away from the aircraft. Beginning FY 2000 a Hazards of Electromagnetic Radiation (HERO) safe impulse cartridge CCU136A/A replaces the CCU136A. The BBU-36 is used with the MJU-47 and the BBU-35 is used with the MJU-48. The CCU-144A and CCU145A are HERO safe versions of and will replace the BBU 36 and BBU35 respectively. The CCU144A and CCU145A IC's are being fielded as Product Improvements (PIPs) under this budget line.

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.

DD FORM 2454, JUN 86

P-1 SHOPPING LIST ITEM NO. 8 PAGE NO. 1 CLASSIFICATION:



### UNCLASSIFIED

BUDGET ITEM JUS	STIFICATIO		OR AGGREG	ATED ITEN	IS	DATE:	FERDI				
APPROPRIATION/BUDGET ACTIV		P-40a						JARY 2003		(BLI 018200)	
				•.•							
PROCUREMENT OF AMMUNITION	N,NAVY & MA		BA-1 Navy Am	munition			AIRBORNE	EXPENDABLE C	/M PROGRAM (S/		
Procurement Items	Code	Prior Years	FY 2002	FY 2003	FY 2004	FY 2005				Complete	Total
ACTIVE JAMMERS	0000	reals	112002	112000	112004	112000				Complete	Total
AAED (ALE-50)	Α										
Quantity		790	214	292							
Funding		16,550	4,785	6,660							
FOTD (IDECM)	В										
Quantity		30			35	89					
Funding		6,937			7,854	15,842					
IR DECOYS											
MJU-32/B	A										
Quantity		465,036	26,250	32,340	38,229	22,050					
Funding		13,541	1,455	1,232	1,482	915					
MJU-38/B	A										
Quantity		305,268		81,740	10,000						
Funding		10,145		3,472	388						
MJU-49/B (Helo)	A										
Quantity		85,234	50,350	60,480	50,400	35,176					
Funding		10,997	6,201	7,497	6,315	4,496					
SM875A	A										
Quantity		1,042,200				100,020					
Funding		6,220				800					
MJU-50 (1X1 Pyrophoric)	A										
Quantity		5,527	5,743	6,000	6,000	6,000					
Funding		373	402	431	435	439					
MJU-52 BOL IR	A										
Quantity		412,443	153,909								
Funding		10,433	3,809								
Page Total		75,196	16,652	19,292	16,474	22,492					

\* FY95 through FY01 only



### UNCLASSIFIED

CLASSIFICATION:						1					
BUDGET ITEM JUS	TIFICATIO	N SHEET FO	OR AGGREG	SATED ITEN	IS	DATE:					
		P-40a						ARY 2003			
APPROPRIATION/BUDGET ACTIVI	ITY					P-1 ITEM NOM	/IENCLATURE			(BLI 018200)	
PROCUREMENT OF AMMUNITION	,NAVY & MA	RINE CORPS/	BA-1 Navy Am	munition			AIRBORNE	EXPENDABLE C/M P	ROGRAM (S/H	Y1QA)	
	ID	Prior								То	
Procurement Items	Code	Years *	FY 2002	FY 2003	FY 2004	FY 2005				Complete	Total
MJU-55 Companion	A										
Quantity				2,000	25,955						
Funding				360	3,141	4,908					
MJU-57 Kinematic	A										
Quantity	~ ~			2,000	25,955	40,525					
Funding				2,000	4,724						
T unuing				550	4,724	7,300					
MJU-47 ASTE Kinematic	A										
Quantity						5,025					
Funding						930					
MJU-48 ASTE Companion	A										
Quantity						5,025					
Funding						688					
M206 (1X1) Mag	А										
Quantity		8,100	6,100	5,453	8,200	8,200					
Funding		99	120	124	127	128					
IMPULSE CARTRIDGES											
	•										
CCU-136A (GENERIC) Quantity	A	1,839,504									
Funding		4,635									
Funding		4,035									
CCU-136A/A (HERO SAFE)	Α										
Quantity	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1,255,104	920,990	150,232	700,000	748,000					
Funding		6,307	3,945	649	3,150						
- ananig		0,001	0,010	0.0	0,.00	0,000					
CCU-144A (HERO SAFE)	Α										
Quantity					6,000	5,100					
Funding					48						
									1		
CCU-145A (HERO SAFE)	A										
Quantity					33,500						
Funding					268						
Page Total		11,041	4,065	1,683	11,458	17,702					

\* FY95 through FY01 only

DD FORM 2454, JUN 86



### UNCLASSIFIED

BUDGET ITEM JUSTI	FICATIO		OR AGGREC	GATED ITEN	IS	DATE:						
		P-40a						BRUARY 2	003		-	
APPROPRIATION/BUDGET ACTIVIT						P-1 ITEM NON	/IENCLATURE				(BLI 018200)	
PROCUREMENT OF AMMUNITION,N			BA-1 Navy An	munition			AIRBO	RNE EXPEN	DABLE C/M F	ROGRAM (S/		
_	ID	Prior									То	
Procurement Items	Code	Years *	FY 2002	FY 2003	FY 2004	FY 2005					Complete	Total
BBU-35	A											
Quantity	~	27,000	23,991	21,000								
Funding		84	86	68								
		-										
CHAFF COUNTERMEASURES												
RR-129A CHAFF CM	Α											
Quantity		758,880	262,800	299,520								
Funding		6,985	2,223	2,630	2,639	2,253						
RR-144A TRNG CHAFF	A											
Quantity	~	198,000	99,840	20,000	49,920	88,320						
Funding		2.066	952	199	499							
		_,	001									
RR-170A CHAFF 1X1	Α											
Quantity		6,480	6,480	6,480	12,960	13,000						
Funding		25	22	26	52	53						
		00 700										
VARIOUS (1)		33,709										
SUPPORT COSTS												
PRODUCTION ENGR		20,672	3,836	3,688	4,567	4,597						
PROD IMPROVEMENT		26,019	8,393	6,352	4,523	4,493						
ACCEP TEST & EVAL		19,888	2,465	3,875	3,358	3,736						
ILS	+	2,455	501	376	498	498						
		2,400	501	570	490	490						
	1								+	+		
Page Total		111,903	18,478	17,214	16,136	16,511						
Grand Total		198,140	39,195	38,189	44,068	56,705						
(1) The amount identified against this (	cost eleme						tinanced in EY	2002 and hey	ond		•	

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

\* FY95 through FY01 only



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

\* FY95 through FY01 only

P-1 SHOPPING LIST ITEM NO. 8 PAGE NO. 5





CLASSI	FICATION: UNC		IFIED			Weapon Sy	stem							DATE:	
	P-5 PRIATION/BUDGET ACTIVITY					ID Code		MENCLATURE					FEI	BRUARY 200	)3
	REMENT OF AMMUNITION, NAVY 8	MARIN	E CORPS/B	A-1 Navy		ID Code	P-1 ITEM NO								
	Ammunition	1	1					TOTAL COST I			NOGRAM (S/H	i fiqa)			
									N THOUSAN						
COST CODE	ELEMENT OF COST	ID Code	Prior Years*		FY 2002			FY 2003			FY 2004			FY 2005	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Co:
<b>DA115</b>	IMPULSE CARTRIDGES CONT'D CCU-145A	А								33,500	8.00	268	33,000	7.14	236
QA060	BBU-35	A	84	23,991	3.59	86	21.000	3.23	68	55,500	0.00	200	33,000	7.14	200
	CHAFF COUNTERMEASURES			- ,			,								
QA010	RR-129A CHAFF CM	А	6,985	262,800	8.46	2,223	299,520	8.78	2,630	299,520	8.81	2,639	252,020	8.94	2,253
QA020	RR-144A TRNG CHAFF	Α	2,066	99,840	9.54	952	20,000	9.95	199	49,920	9.99	499	88,320	9.98	881
QA030	RR-170A CHAFF 1X1	A	25	6,480	3.46	22	6,480	3.98	26	12,960	4.02	52	13,000	4.05	53
N/A	VARIOUS (1)		33,709												
QA830	SUPPORT COSTS PRODUCTION ENGINEERING		20,672			3,836			3,688			4,567			4,597
QA850	PRODUCT IMPROVEMENT		26,019			8,393			6,352			4,523			4,493
QA860	ACCEPTANCE TEST & EVALUATION		19,888			2,465			3,875			3,358			3,736
QA800	ILS		2,455			501			376			498			498
	P5 GRAND TOTAL		198,140			39,195			38,189			44,068			56,70

\* FY95 through FY01 only

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



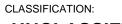
		BUD		MENT HISTORY AND PL	ANNING EX	HIBIT (P-5A)	Weapon System		DATE FE	BRUARY 20	003
B. APPROPRIATI PROCUREMEN			AVY & MARINE	CORPS		C. P-1 ITEM NO AIRBOR	DMENCLATURE	(BLI 018200) <b>AM</b>		SUBHEAD	QA
BA-1 Navy Amr	munition	r			r.						
Cost Element/ FISCAL YEAR		QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
ACTIVE JAMME	ERS										
AAED (ALE-50) (DWCL)	FY 02	214	22,359.00	Robins AFB, GA	N/A	SS/Option	Raytheon, Goleta, CA	Aug-02	Jun-04	YES	
(DWCL)	FY 03	292	22,807.00	Robins AFB, GA	N/A	SS/Option	Raytheon, Goleta, CA	May-03	Jun-05	YES	
FOTD (IDECM) (DWDQ)	FY 01	30	226,300.00	NAVAIR PAX River	Jan-01	SS/FP	Sanders,Nashua, NH	Mar-01	Jul-04	YES	
(DWDQ)	FY 04	35	224,400.00	NAVAIR PAX River	Jan-04	SS/FP	Sanders,Nashua, NH	Mar-04	Jul-05	YES	
(DWDQ)	FY 05	89	178,000.00	NAVAIR PAX River	Jan-05	SS/FP	Sanders,Nashua, NH	Mar-05	Jul-06	YES	
INFRARED DEC	COYS										
MJU-32/B ROTA		DECOY									
(LA01)	FY 01	88,200	30.93	NICP Mechanicsburg	Dec-00	C/FP	Kilgore, Toone, TN	Oct-01	Jul-03	YES	
(LA01)	FY 02	26,250	55.44	NSWC Crane, IN	Dec-01	C/FP	NSWC Crane/Crane Army, IN	Dec-01	Dec-02	YES	
(LA01)	FY 03	32,340	38.10	NICP Mechanicsburg	Jan-03	C/FP	TBD	Jun-03	Dec-03	YES	
(LA01)	FY 04	38,229	38.76	NICP Mechanicsburg	Dec-03	C/FP	TBD	Jun-04	Dec-04	YES	
(LA01)	FY 05	22,050	41.50	NICP Mechanicsburg	Dec-04	C/FP	TBD	Jun-05	Dec-05	YES	
	AIR DECO FY 00	r 130,074	27.69	NICP Mechanicsburg	Dec-99	C/FP	Kilgoro Toopo TN	Aug 00	Mov 02	YES	
(LA02)	FTUU	130,074	27.09	NICP Mechanicsburg	Dec-99	C/FP	Kilgore, Toone, TN	Aug-00	May-02	TEO	
(LA02)	FY 01	44,100	27.69	NICP Mechanicsburg	Dec-00	C/FP	Kilgore, Toone, TN	Nov-00	May-03	YES	
(LA02)	FY 03	61,740	38.10	NICP Mechanicsburg	Jan-03	C/FP	TBD	Jun-03	Dec-03	YES	
(LA02)	FY 03	20,000	56.00	NSWC Crane, IN	Jan-03	C/FP	NSWC Crane/Crane Army, IN	Jan-03	Apr-03	YES	



		BUDG	ET PROCURE	MENT HISTORY AND PL	ANNING EXI	HIBIT (P-5A)	Weapon System		DATE	BRUARY 20	103
	NT OF AMM		AVY & MARINE	CORPS		C. P-1 ITEM NO AIRBOR	L DMENCLATURE RNE EXPENDABLE C/M PROGR	AM	<u> </u> Гб	SUBHEAD	QA
Cost Element/		QUANTITY	UNIT COST	LOCATION	RFP ISSUE	CONTRACT METHOD	CONTRACTOR	AWARD	DATE OF FIRST	SPECS AVAILABLE	DATE REVISIONS
FISCAL YEAR		חידא)		OF PCO	DATE	& TYPE	AND LOCATION	DATE	DELIVERY	NOW	AVAILABLE
MJU-38/B TAC											
(LA02)	FY 04	10,000	38.76	NICP Mechanicsburg	Dec-03	C/FP	TBD	Jun-04	Dec-04	YES	
MJU-49/B DE		=									
(DWCI)	FY 02	50,350	123.16	NSWC Crane, IN	Dec-01	SS/FP	Alloy, Chester Township, PA	Dec-01	Oct-02	YES	
(DWCI)	FY 03	60,480	123.96	NSWC Crane, IN	Feb-03	SS/FP	Alloy, Chester Township, PA	May-03	Nov-03	YES	
(DWCI)	FY 04	50,400	125.30	NSWC Crane, IN	Dec-03	SS/FP	Alloy, Chester Township, PA	May-04	Nov-04	YES	
(DWCI)	FY 05	35,176	127.81	NSWC Crane, IN	Dec-04	SS/FP	Alloy, Chester Township, PA	May-05	Nov-05	YES	
SM875A TRN	GELARE										
(LA10)	FY 01	200,640	5.23	NICP Mechanicsburg	Dec-00	C/FP	Martin Electronics, Perry, FL	Sep-01	Nov-02	YES	
(LA10)	FY 04	100,020	8.00	NICP Mechanicsburg	Dec-03	C/FP	TBD	May-04	Nov-04	YES	
MJU-50 (1X1 I	Pvrophoric)										
(LA19)	FY 01	5,527	67.49	NSWC Crane, IN	Jan-01	SS/FP	Alloy, Chester Township, PA	Sep-01	Oct-02	YES	
(LA19)	FY 02	5,743	70.06	NSWC Crane, IN	Jan-02	SS/FP	Alloy, Chester Township, PA	Apr-02	Dec-02	YES	
(LA19)	FY 03	6,000	71.76	NSWC Crane, IN	Feb-03	SS/FP	Alloy, Chester Township, PA	Apr-03	Jan-04	YES	
(LA19)	FY 04	6,000	72.48	NSWC Crane, IN	Jan-04	SS/FP	Alloy, Chester Township, PA	Apr-04	Jan-05	YES	
(LA19)	FY 05	6,000	73.18	NSWC Crane, IN	Jan-05	SS/FP	Alloy, Chester Township, PA	Apr-05	Jan-06	YES	
. REMARKS		<u> </u>			<u> </u>		1	I	I	I	<u> </u>



				MENT HISTORY AND PL	ANNING EXI	HIBIT (P-5A)	Weapon System		DATE FE	BRUARY 20	003
B. APPROPRIAT PROCUREMEN BA-1 Navy Am	NT OF AMN		VY & MARINE	CORPS		C. P-1 ITEM NO AIRBOR	MENCLATURE	АМ	I	SUBHEAD Y1	QA
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
NFRARED DE		NT'D)									
BOL IR MJU-52 (DWCO)	2 FY 01	258,203	25.08	NSWC Crane, IN	Dec-00	SS/FP	Alloy, Chester Township, PA	Jul-01	Jun-02	YES	
(DWCO)	FY 02	153,909	24.75	NSWC Crane, IN	Dec-01	SS/FP	Alloy, Chester Township, PA	Jul-02	May-03	YES	
MJU-55 Compa	anion										
(TBD)	FY 03	2,000	180.00	NSWC Crane, IN	May-03	C/FP	NSWC Crane/Crane Army, IN	Jun-03	Mar-04	NO	Nov-02
(TBD)	FY 04	25,955	121.00	NSWC Crane, IN	Dec-03	C/FP	TBD	Apr-04	Jan-05	NO	Nov-02
(TBD)	FY 05	40,525	121.10	NSWC Crane, IN	Dec-04	C/FP	TBD	Apr-05	Jan-06	NO	Nov-02
MJU-57 Kinema	atic										
(TBD)	FY 03	2,000	275.00	NSWC Crane, IN	May-03	C/FP	NSWC Crane/Crane Army, IN	Jun-03	Mar-04	NO	Nov-02
(TBD)	FY 04	25,955	182.00	NSWC Crane, IN	Dec-03	C/FP	TBD	Apr-04	Jan-05	NO	Nov-02
(TBD)	FY 05	40,525	182.10	NSWC Crane, IN	Dec-04	C/FP	TBD	Apr-05	Jan-06	NO	Nov-02
MJU-47 ASTE I (LA30)	Kinematic FY 05	5,025	185.07	NSWC Crane, IN	Dec-04	C/FP	TBD	Apr-05	Jan-06	NO	Sep-03
MJU-48 ASTE ( (LA31)	Companion FY 05	5,025	136.92	NSWC Crane, IN	Dec-04	C/FP	TBD	Apr-05	Jan-06	NO	Sep-03
M206											
(L410)	FY 02	6,100	19.73	IOC Rock Island, IL	Jan-02	C/FP	Kilgore Flares, Toone, TN	Aug-02	May-04	YES	
(L410)	FY 03	5,453	22.81	IOC Rock Island, IL	Jan-03	C/FP	TBD	Aug-03	Jun-04	YES	
(L410)	FY 04	8,200	15.43	IOC Rock Island, IL	Jan-04	C/FP	TBD	Aug-04	Jun-05	YES	
(L410) D. REMARKS	FY 05	8,200	15.61	IOC Rock Island, IL	Jan-05	C/FP	TBD	Aug-05	Jun-05	YES	





	BUDG	SET PROCURE	MENT HISTORY AND PL	ANNING EXI	HIBIT (P-5A)	Weapon System			BRUARY 20	03	
NT OF AMM		AVY & MARINE	CORPS				AM		SUBHEAD	QA	
	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	
RTRIDGES											
(HERO SAFI FY 02	E) 920,990	4.28	NICP Mechanicsburg	Dec-01	C/FP	CAPCO, Grand Junction,CO	Feb-02	Sep-02	YES		
FY 03	150,232	4.32	NICP Mechanicsburg	Dec-02	C/FP	CAPCO, Grand Junction,CO	Dec-02	Jun-03	YES		
FY 04	700,000	4.50	NICP Mechanicsburg	Dec-03	C/FP	TBD	Jun-04	Sep-04	YES		
FY 05	748,000	4.54	NICP Mechanicsburg	Dec-04	C/FP	TBD	Jun-05	Sep-05	YES		
ERO SAFE) FY 04	6,000	8.00	NICP Mechanicsburg	Dec-03	C/FP	TBD	May-04	Feb-05	YES		
FY 05	5,100	7.14	NICP Mechanicsburg	Dec-04	C/FP	TBD	May-05	Feb-06	YES		
ERO SAFE) FY 04	33,500	8.00	NICP Mechanicsburg	Dec-03	C/FP	TBD	May-04	Feb-05	YES		
FY 05	33,000	7.14	NICP Mechanicsburg	Dec-04	C/FP	TBD	May-05	Feb-06	YES		
FY 02	23,991	3.59	NICP Mechanicsburg	Jan-02	C/FP	Technical Ordnance Inc St. Bonifacius, MN	Aug-02	May-03	YES		
FY 03	21,000	3.23	NICP Mechanicsburg	Jan-03	C/FP	TBD	Jun-03	May-04	YES		
	AT OF AMM munition ATRIDGES (HERO SAFE) FY 02 FY 03 FY 04 FY 05 ERO SAFE) FY 04 FY 05 ERO SAFE) FY 04 FY 05 ERO SAFE) FY 04 FY 05 FY 02	TION/BUDGET ACTIVITY NT OF AMMUNITION, NA munition QUANTITY RTRIDGES (HERO SAFE) FY 02 920,990 FY 03 150,232 FY 04 700,000 FY 05 748,000 ERO SAFE) FY 04 6,000 FY 05 5,100 ERO SAFE) FY 04 33,500 FY 05 33,000 FY 05 23,991	TION/BUDGET ACTIVITY           NT OF AMMUNITION, NAVY & MARINE munition           QUANTITY         UNIT COST           RTRIDGES (HERO SAFE) FY 02         920,990         4.28           FY 03         150,232         4.32           FY 04         700,000         4.50           FY 05         748,000         4.54           ERO SAFE) FY 04         6,000         8.00           FY 05         5,100         7.14           ERO SAFE) FY 04         33,500         8.00           FY 05         33,000         7.14           ERO SAFE) FY 04         33,500         8.00           FY 05         33,000         7.14           ERO SAFE) FY 04         33,500         8.00           FY 05         33,000         7.14	TION/BUDGET ACTIVITYNT OF AMMUNITION, NAVY & MARINE CORPSImmunitionUNITLOCATION OF PCOQUANTITYUNIT COSTLOCATION OF PCORTRIDGES (HERO SAFE) FY 02920,9904.28NICP MechanicsburgFY 03150,2324.32NICP MechanicsburgFY 04700,0004.50NICP MechanicsburgFY 05748,0004.54NICP MechanicsburgFY 055,1007.14NICP MechanicsburgFY 046,0008.00NICP MechanicsburgFY 055,1007.14NICP MechanicsburgFY 0433,5008.00NICP MechanicsburgFY 0533,0007.14NICP MechanicsburgFY 0223,9913.59NICP Mechanicsburg	TION/BUDGET ACTIVITY NT OF AMMUNITION, NAVY & MARINE CORPS munitionQUANTITYUNIT COSTLOCATION OF PCORFP ISSUE DATERTRIDGES (HERO SAFE) FY 02920,9904.28NICP MechanicsburgDec-01EY 03150,2324.32NICP MechanicsburgDec-02FY 04700,0004.50NICP MechanicsburgDec-03FY 05748,0004.54NICP MechanicsburgDec-04ERO SAFE) FY 046,0008.00NICP MechanicsburgDec-03FY 055,1007.14NICP MechanicsburgDec-03FY 0433,5008.00NICP MechanicsburgDec-03FY 0533,0007.14NICP MechanicsburgDec-03FY 0533,0007.14NICP MechanicsburgDec-03FY 0533,0007.14NICP MechanicsburgDec-03FY 0223,9913.59NICP MechanicsburgDec-04	NT OF AMMUNITION, NAVY & MARINE CORPSAIRBORmunitionQUANTITYUNIT COSTLOCATION OF PCORFP ISSUE DATECONTRACT METHOD & TYPERTRIDGES (HERO SAFE) FY 02920,9904.28NICP MechanicsburgDec-01C/FPFY 03150,2324.32NICP MechanicsburgDec-02C/FPFY 04700,0004.50NICP MechanicsburgDec-03C/FPFY 05748,0004.54NICP MechanicsburgDec-04C/FPFY 055,1007.14NICP MechanicsburgDec-03C/FPFY 055,1007.14NICP MechanicsburgDec-03C/FPFY 0533,0007.14NICP MechanicsburgDec-03C/FPFY 0533,0007.14NICP MechanicsburgDec-04C/FPFY 0533,0007.14NICP MechanicsburgDec-03C/FPFY 0533,0007.14NICP MechanicsburgDec-04C/FPFY 0223,9913.59NICP MechanicsburgDec-04C/FP	TION/BUDGET ACTIVITY         C. P-1 ITEM NOMENCLATURE         AIRBORNE EXPENDABLE C/M PROGR         INT OF AMMUNITION, NAVY & MARINE CORPS         INT OF AMMUNITION, NAVY & MARINE CORPS         INT OF AMMUNITION, NAVY & MARINE CORPS         INTENDES         CONTRACT         CONTRACTOR         ALPO ADDOC         ALPO ADDOC         CONTRACTOR         CONTRACTOR         CONTRACTOR	BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT           INONBUDGET ACTIVITY           C. P-1 ITEM NOMENCLATURE AIRBORNE EXPENDABLE C/M PROGRAM           CONTRACT OF PCO         CONTRACT METHOD         CONTRACT AIRBORNE EXPENDABLE C/M PROGRAM           TIDINEUDET ACTIVITY         CONTRACT OF PCO         CONTRACT METHOD         CONTRACT AIRBORNE EXPENDABLE C/M PROGRAM           TIDINEUTION, NAVY & MARINE CORPS Immunition         CONTRACT OF PCO         CONTRACT METHOD         CONTRACT AIRBORNE EXPENDABLE C/M PROGRAM           TIDINEUTION, NAVY & MARINE CORPS Immunition         CONTRACT AUBORNE EXPENDABLE C/M PROGRAM           TIDINEUTION, NAVY & MARINE CORPS           CONTRACT METHOD         CONTRACT METHOD         CONTRACT METHOD           TIDINEUTION         CONTRACT METHOD         CONTRACT METHOD         CONTRACT METHOD         CONTRACT METHOD         CONTRACT METHOD         CONTRACT METHOD           TIDIN FY 03         150,000         4.32         NICP Mechanicsburg         Dec-01         C/FP         TBD         Jun-05           FY 04         7.48	BUDGET PROCOREMENT HISTORY AND PLANNING EXHIBIT (P-3A)Intermediation of the strength of the s	BUDGET PROCORGEMENT HISTORY AND PLANNING EXHIBIT (F-3A)FEBRUARY 22IDONBUGET ACTIVITYSPEERUARY 22ITONBUDGET ACTIVITYSUBHEADINTO F AMMUNITION, NAVY & MARINE CORPSSUBHEADINTO CONTRACTAMARD PLANNING EXHIBIT (F-3A)INTO F AMMUNITION, NAVY & MARINE CORPSSUBHEADINTO CONTRACTAMALONINTO CONTRACTORAWARDDATE OFINTO CONTRACTORAWARDDATE OFINTO CONTRACTORAWARDDATE OFINTO CONTRACTORAWARDDATE OFINTO CONTRACTORAWARDDATE OFINTO CONTRACTOR <th colsp<="" td=""></th>	



		BUDG	ET PROCURE	MENT HISTORY AND PL	ANNING EXI	HIBIT (P-5A)	Weapon System		DATE FE	EBRUARY 20	03
B. APPROPRIAT PROCUREMEN BA-1 Navy Am	NT OF AMM		VY & MARINE	CORPS		C. P-1 ITEM NO AIRBOR	MENCLATURE	АМ	I	SUBHEAD	QA
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 REVISION AVAILABL
HAFF COUN		JRES									
RR-129A CHAF (DWCF)	F CM FY 02	262,800	8.46	NICP Mechanicsburg	Dec-01	C/FP	BAE Systems Inc,Austin, TX	Dec-01	Jul-02	YES	
(DWCF)	FY 03	299,520	8.78	NICP Mechanicsburg	Jan-03	C/FP	TBD	Apr-03	Dec-03	YES	
(DWCF)	FY 04	299,520	8.81	NICP Mechanicsburg	Jan-04	C/FP	TBD	Apr-04	Dec-04	YES	
(DWCF)	FY 05	252,020	8.94	NICP Mechanicsburg	Jan-05	C/FP	TBD	Apr-05	Dec-05	YES	
RR-144A TRNG (DWCB)	G CHAFF FY 02	99,840	9.54	NICP Mechanicsburg	Apr-02	C/FP	BAE Systems Inc,Austin, TX	Jul-02	Dec-02	YES	
(DWCB)	FY 03	20,000	9.95	NICP Mechanicsburg	Jan-03	C/FP	TBD	Apr-03	Dec-03	YES	
(DWCB)	FY 04	49,920	9.99	NICP Mechanicsburg	Jan-04	C/FP	TBD	Apr-04	Dec-04	YES	
(DWCB)	FY 05	88,320	9.98	NICP Mechanicsburg	Jan-05	C/FP	TBD	Apr-05	Dec-05	YES	
RR-170A CHAF (LY07)	FF FY 02	6,480	3.46	NICP Mechanicsburg	Apr-02	C/FP	BAE Systems Inc,Austin, TX	Jul-02	Dec-02	YES	
(LY07)	FY 03	6,480	3.98	NICP Mechanicsburg	Jan-03	C/FP	TBD	Apr-03	Dec-03	YES	
(LY07)	FY 04	12,960	4.02	NICP Mechanicsburg	Dec-03	C/FP	TBD	Apr-04	Dec-04	YES	
(LY07)	FY 05	13,000	4.05	NICP Mechanicsburg	Dec-04	C/FP	TBD	Apr-05	Dec-05	YES	
. REMARKS											

FY 2004 BUDGET PROD	UCTIO	ON SC	HEDU	LE, P-:	21													DATE			F	EBR	UAR	Y 20	03					
APPROPRIATION/BUDGET A														Wea	pon S	ystem	ı		TEM N	-	-	-						_I 018		
PROCUREMENT OF AMI	MUNIT	'ION, I	NAVY 8	& MAR	INE CO	DRPS/	BA-1	l Nav	/y Ar	nmu	nitio	n							AIRB	ORN	E E)	(PEN	IDAE	BLE (	C/M F	PRO	GRAN	1 (S/H	H Y1	QA)
							Pro	oducti	on Ra	ate									Pr	ocure	ment	Lead	imes							
			lanufactu										LT Pr		A	LT Af			Initial			Reord						U	nit of	
Item			ne and L			MS			8-5		AX	t	o Oct	1		Oct 1	1	N	Лfg PL	Т	Ν	/lfg Pl	Τ		Total			Me	easure	Э
AAED (ALE-50)			Goleta			25	5	1.	40		00					8						25			33				Е	
FOTD (IDECM)	Sand	ders, N	lashua,	, NH		5		1	5	3	35					6						16			22				Е	
MJU-49/B	Alloy	, Ches	ster Tov	wnship	, PA	1.0	2	5.	76	11	.52					8						6			14				Κ	
MJU-57			TBD			TB	D	TE	BD	T	BD					7						9			16				Κ	
			T		Ŧ																									-
ITEM / MANUFACTURER	F	s	Q	D	в		2001			FIS	SCAL YE	EAR 200			YEAR	2002						F	ISCAL Y		)03 IDAR YE		2			-
TEM / MANUFACTORER	F Y	s v	т	E	A	0	2001 N	D	J	F	М	А	M	ENDAR	YEAR	2002 A	S	0	N	D	J	F	М	A	M	AR 200	з J	A	S	в
		С	Y	L	L	C T	O V	E C	AN	E B	A R	P R	A Y	UN	UL	U G	E	C T	o V	E C	A N	E B	A R	P R	A Y	UN	UL	U G	E	A L
AED ALE-50 (RAYTHEON)	02		214		214											A				_										214
AED ALE-50 (RAYTHEON)	03		292		292																				Α					292
FOTD IDECM (SANDERS)	01		30		30																									30
MJU-49/B (ALLOY)	02		50.4		50.4			Α										5.7	5.8	5.8	5.8	5.8	5.8	5.7	5.7	4.3				0.0
MJU-49/B (ALLOY)	03		60.5		60.5																				A					60.5
ITEM / MANUFACTURER	F	s	Q	D	в		2003		1	FIS	SCAL YE	EAR 200			YEAR	2004						ŀ	ISCAL Y		idar ye	A D 200	F			-
TIEM / MANOFACTORER	Ϋ́	v	т	E	A	0	2003 N	D	J	F	м	А	M	J	J	2004 A	S	0	N	D	J	F	М	A	M	J	J	А	S	в
		С	Y	L	L	C	O V	E C	A N	E B	A R	P R	A Y	UN	U	U G	E	C T	o V	E C	A N	E B	A R	P R	A Y	UN	U	U G	E	A L
AAED ALE-50 (RAYTHEON)	02		214		214		V	U	N	в	ĸ	ĸ	Ŷ	 31	70	70			V	U	N	в	ĸ	ĸ	Ŷ	N	L	G	Р	0.0
AED ALE-50 (RAYTHEON)	03		292		292									01	10	10										70	70	70	82	0.0
OTD IDECM (SANDERS)	01		30		30										30															0.0
FOTD IDECM (SANDERS)	04		35		35						Α																35.0			0.0
FOTD IDECM (SANDERS)	05		89		89																		Α							89.
MJU-49/B (ALLOY)	03		60.5		60.5		5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	3.5													0.0
MJU-49/B (ALLOY)	04		50.4		50.4								Α						5.7	5.7	5.7	5.7	5.7	5.7		5.7	4.8			0.0
MJU-49/B (ALLOY)	05		35.2		35.2																				Α					35.2
MJU-57 (TBD)	05		40.5		40.5																			Α						40.5

FY 2000/01 BUDGET PR	RODUC	TION	SCHE	DULE,	P-21													DATE			FE	EBRI	JAR	Y 20	)3					
PPROPRIATION/BUDGET A	CTIVITY	(												Wea	oon S	ystem	ı	P-1 IT	EM N	IOME	NCLA	TURE					(B	LI 01	8200	))
<b>PROCUREMENT OF AM</b>	MUNIT	'ION, I	NAVY 8	& MAR	INE CO	ORPS	S/BA·	-1 Na	avy A	mm	unitio	on						A	IRB	ORN	E EX	PEN	DAB	LE C	:/M P	ROG	RA	/I (S/I	H Y1	QA)
							Pr	roduct	ion Ra	ate									Pro	ocurer	ment L	eadti	mes							
			lanufactu										LT Pri			LT Af			Initial			eorde						-	nit of	
Item		Nan	ne and L	ocation		M	SR	1-	8-5	M	AX	to	o Oct	1		Oct 1		M	fg PL	Т	M	lfg PL	Т		Total			Me	easure	Э
										-																				
			1	I	1							EAR 200	ne									EI	SCAL Y		07					
ITEM / MANUFACTURER	F	s	Q	D	в		2005		I					ENDAR	YEAR	2006									DAR YE	AR 2007	,			
	Y	v c	T Y	EL	A L	0 C	N O	D E	J A	F	M A	A P	M A	J	J	A U	S E	0 C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	B A
		C	ľ	L	L	T	V	E C	A N	B	R	Р R	A Y	N N	L	G	P	Т	v	E C	A N	B	R	P R	A Y	N	L	G	P	L
OTD IDECM (SANDERS)	05		89		89										46	43														0.0
1JU-49/B (ALLOY) 1JU-57 (TBD)	05 05		35.2 40.5		35.2 40.5		5.9	5.9		5.9		5.8 5.8	F 0	<b>F</b> 0	F 7															0.0
1JU-57 (TBD)	05	-	40.5		40.5				5.8	5.8	5.8	5.8	5.8	5.8	5.7															0.0
																														0.0
																														0.0
	_																													0.0
																														0.0
									1	F	ISCAL Y	EAR 200	08	1			1					FI	SCAL Y	EAR 20	09			1		0.0
ITEM / MANUFACTURER	F	S	Q	D	в		2007							ENDAR	YEAR	2008								CALEN	DAR YE	AR 2009	)		1	
	Y	V C	T Y	EL	A L	O C	N O	D E	J A	F	M A	A P	M A	J	J U	A U	S E P	O C T	N O	D E	J A	F	M A	A P	M A	J U	J U	A U	S E P	B A
						Т	V	С	Ν	В	R	P R	A Y	N	L	G	Р	Т	O V	E C	Ν	E B	R	R	Y	Ν	L	U G	Р	L
					0.0																									0.0
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DD FORM 2445, JUL 87

311/244

APPROPRIATION/BUDGET ACTIVITY												
									Feb	oruary 2003		
	NIA 1/1/ 0 NAA		P-1 ITEM N	NOMENCLA								
PROCUREMENT OF AMMUNITION,	NAVIQUIA	RINE CORPS				(JET AS	SISTED TA	AKE OFF)	(J1Q7)	(BLI 0194	00)	
Program Element for Code B Items:			Other Rela	ted Program	n Elements							
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)	\$28.9	А	5.3	4.5	4.6	4.5	4.6	4.7	4.7	4.8	Continuing	Continuning
Intended use: Two MK 117s a Product Improvement: Develo				-				Pioneer R <u>FY06</u> <b>\$0.1</b>	PV. <u>Fyo7</u> <b>\$0.1</b>	<u>FY08</u> <b>\$0.1</b>	<u>FY09</u> <b>\$0.1</b>	
*Less than \$50K DD Form 2454, JUN 86		TEM NO: 009	P-1 SHO	PPING LIST PAGE NO.		CLASSIFIC	CATION:					

BUDGET ITEM JUSTIFICA	TION SHE		EGATED ITEMS	6			DATE:			Februar	v 2003	
APPROPRIATION/BUD					P-1 ITEM NO	MENCLATU	RE			i obradi	<u>, 2000</u>	
PROCUREMENT OF A				PS (\$000s)			AKE OFF) (J10	97) (BLI 01	9400)			
	ID	Prior									То	
Procurement Items	Code	Years*	FY 2002	FY 2003	FY 2004	FY 2005					Complete	Total
MK 117 RKT MTR	A											
Quantity		4278	503	659	587	433						
Funding		\$16,874	\$1,787	\$2,386	\$2,168	\$1,631					Cont.	Cont.
MK 125 RATO	A											
Quantity		1200	525	198	297	383						·
Funding		\$6,400	\$2,434	\$938	\$1,433	\$1,884					Cont.	Cont.
Other Costs		\$5,617	\$1,034	\$1,135	\$1,026	\$1,024					Cont.	Cont.
Total P-1 Funding		\$28,891	\$5,255	\$4,459	\$4,627	\$4,539					Cont.	Cont.
							+					
				<u> </u>			+					
	<b> </b>			<b> </b>				ļ				
	+			}	-		+					
	1			1		1	1					
					CLASSIFICA	TION:			1			

DD Form 2454, JUN 86

ITEM NO: 009 PAGE NO. 2

CLASSIFICATION:

	WEAPONS SYSTEN P-		IALYSIS				Weapon Sy	stem					DATE:	February 200	13
APPROPR	IATION/BUDGET ACTIVITY	,					ID Code	P-1 ITEM NOM	MENCLATUR	E/SUBHEAD					
	IENT OF AMMUNITION, NAVY & Marine Corps (\$000	's)													
								JATO (JET	T ASSISTE	ED TAKE	OFF) (J1Q7	) (BLI 0194	l00)		
			TOTAL COS	T IN THOUS	ANDS OF DO	LLARS									
COST	ELEMENT OF COST	ID	Prior		FY 2002			FY 2003			FY 2004			FY 2005	
CODE		Code	Years*												
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
Q7040	MK 117 MOD O ROCKET MOTOR (H341)	А	16,874	503	3552.19	1,787	659	3620.68	2,386	587	3692.87	2,168	433	3766.32	1,63
Q7050	MK 125 RATO (HA19)	A	6,400	525	4638.00	2,434	198	4726.00			4820.00	1,433		4916.00	1,88
			-,			, -				-		,			7
Q7800	Integrated Logistics Support		709			163			170			175			17
Q7830	Production Engineering Support		2,799			530			491			426			42
Q7850	Product Improvement Program		2,109			341			474			425			42
									_		-				
	*Prior Years Reflects FY95-FY01 only, the	iese prog	grams were	e funded i	n FY94 and	d prior from	the Othe	r Procureme	ent Navy (C	OPN) acco	ount.				
		1													
			28,891			5,255			4,459			4,627			4,53

BUDGET PROCURE	MENT HISTO	RY AND PL	ANNING EXHIBI	Г (Р-5А)		Weapon System		A. DATE		
									February 20	003
APPROPRIATION/BUDGE					C. P-1 ITEM NOM				SUBHEAD	
PROCUREMENT OF	AMMUNITIO	N, NAVY & I	MARINE CORPS		(BLI 019400				J1	Q7
						SSISTED TAKE OFF) (	J1Q7)			
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	IF YES WHEN AVAILAB
07040 MK 117 JATO R	OCKET MOTO	DR (H341)								
FY 02	503	3552.19	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-02	Oct-03	YES	
FY 03	659	3620.68	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-03	Oct-04	YES	
FY 04	587	3692.87	TBD	N/A	N/A	TBD	Apr-04	Oct-05	YES	
FY 05	433	3766.32	TBD	N/A	N/A	TBD	Apr-05	Oct-06	YES	
07050 MK 125 RATO (1	H311/HA19)									
FY 01 (HA19)	656	4486.28	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-01	Aug-02	YES	
FY 02 (HA19)	525	4638.00	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-02	Oct-02	YES	
FY 03 (HA19)	198	4726.00	NAVAIR	N/A	N/A	NSWC IH (IH, MD)	Apr-03	Oct-03	YES	
FY 04 (HA19)	297	4820.00	TBD	N/A	N/A	TBD	Apr-04	Oct-05	YES	
FY 05 (HA19)	383	4916.00	TBD	N/A	N/A	TBD	Apr-05	Oct-06	YES	
. REMARKS										
. REMARKS										
) Form 2446-1, JUL 87		P-	1 SHOPPING LIST					CLASSIFI	CATION:	



			BUDGET ITEM JUST	<b>IFICATION</b>	SHEET				DATE:			
			P-4	10						Februa	ry 2003	
APPROPRIATION/BUD	GET ACTIVI	ΤY					P-1 ITEM NO	MENCLATURE				
<b>PROCUREMENT O</b>	MENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								5"/54 GUN A	MMUNITIO	N	
Program Element for Co	Element for Code B Items:							Program Elen	nents			
SUBHEAD NO. 11A	JBHEAD NO. 11AC BLIN: 025000											
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To	Total
	rears	Code	F 1 2002	FT 2003	FT 2004	FT 2005	F1 2006	FT 2007	FT 2006	F1 2009	Complete	Total
QUANTITY												
COST												
(In Millions)			\$16.0	\$12.0	\$13.2	\$20.0	\$37.5	\$22.6	\$23.0	\$23.4		

#### ITEM DESCRIPTION/JUSTIFICATION:

This is a round of ammunition (separate loading ammunition) fired from cruiser and destroyer type combatant ships against air, surface and shore targets. There are also numerous barrels located at schools and engineering test sites.

PROCUREMENT: The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.

<u>PRODUCTION</u> <u>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-1 SHOPPING	LIST	
ITEM NO.	10	PAGE NO.	1

CLASSIFICATION:



			BUDGET	ITEM JUST	<b>IFICATION</b>	SHEET				DATE:			
				P-4	10						Februa	ry 2003	
APPROPRIATION/BUD	GET ACTIV	ΤY						P-1 ITEM NO	MENCLATURE				
PROCUREMENT O	F AMMUN	ITION, I	NAVY & MA	RINE CORP	PS/BA 1				į	5"/54 GUN A	MMUNITIO	N	
Program Element for Co	de B Items:							Other Related Program Elements					
SUBHEAD NO. 11A	C			BLIN: 0250	00								
	Prior	ID										То	
	Years	Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY								2005 FY 2006 FY 2007 FY 2008 FY 2009 Complete					
COST													
(In Millions)				\$16.0	\$12.0	\$13.2	\$20.0	\$37.5	\$22.6	\$23.0	\$23.4		

#### CONTINUED:

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

<u>RENOVATION</u> <u>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.

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

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

All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.

	P-1 SHOPPING	LIST	CLASSIFICATION:
ITEM NO.	10	PAGE NO. 2	



DD Form 2454, JUN 86

	WEAPONS SYSTEM P-		NALYSIS			Weapon Syste	DATE: February 2003										
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & MA		RPS/BA 1				P-1 ITEM NON 5"/54 GUN SUBHEAD	AMMUNITIO			<u>-                                    </u>						
			TOTAL COST	T IN THOUSAN	NDS OF DOLL												
COST CODE	ELEMENT OF COST	ID Code	Prior FY 20 Years					FY 2003			FY 2004			FY 2005			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
	5"/54 CHG, PROP, FULL, MK 67, 5"/54 PROJ, BLP/T 5"/54 PROJ, ILLUM	D326 D349 D354		12,432	252.48	3 3,139	31,980 12,960	193.52 232.37	6,189 3,012	7,878 18,000 1,104	220.92 214.76 1590.91	1,740 3,866 1,756	22,230 18,000 2,880	220.92 218.79 1496.67	4, 3, 4,		
	PE/QA SMCA					10			10			11					
C830 C850 C893 C894 C895 C896	PRODUCTION ENGINEERING PRODUCT IMPROVEMENT RENOVATION COMPONENTS GAUGE REQUIREMENTS NON-STANDARD ITEMS PROPELLANT CONTINUOUS PROCESS					1,003 6,680 534 350 180 4,139			1,362 1,181 0 287 0			1,800 2,605 880 400 190			1, 1, 3,		
			OPPING LIST			16,035			12,041			13,248			20,		

N, NAVY &	MARINE CORPS/B	A 1 RFP ISSUE DATE	C. P-1 ITEM NO 5"/54 GUN A BLIN: 02500 CONTRACT METHOD & TYPE	AMMUNITION	AWARD DATE	DATE OF FIRST DELIVERY	February 20 SUBHEAD 11 SPECS AVAILABLE NOW	03 AC DATE REVISION AVAILABL
UNIT COST	LOCATION	RFP ISSUE	5"/54 GUN A BLIN: 02500 CONTRACT METHOD	AMMUNITION 00 CONTRACTOR		FIRST	SPECS AVAILABLE	DATE REVISION
COST			CONTRACT METHOD	CONTRACTOR		FIRST	AVAILABLE	REVISION
AL D326				1				AVAILABI
AL D326								
193.52	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Jan-05	YES	
	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Mar-04	Jan-06	NO	Jul-03
220.92	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Jan-07	NO	Jul-04
201.71	OSC ROCK ISLAND	Oct-99	MIPR	CRANE AAA	Aug-02	Mar-03	YES	
252.48	OSC ROCK ISLAND	Oct-01	MIPR	CRANE AAA	Jan-02	Feb-04	YES	
232.37	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Feb-05	YES	
214.76	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Mar-04	Feb-06	NO	Jul-03
218.79	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Feb-07	NO	Jul-04
1590.91	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Mar-04	Feb-06	NO	Jul-03
1496.67	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Feb-07	NO	Jul-04
	201.71 252.48 232.37 214.76 218.79 1590.91	220.92 OSC ROCK ISLAND 201.71 OSC ROCK ISLAND 252.48 OSC ROCK ISLAND 232.37 OSC ROCK ISLAND 214.76 OSC ROCK ISLAND 218.79 OSC ROCK ISLAND 1590.91 OSC ROCK ISLAND 1496.67 OSC ROCK ISLAND	201.71OSC ROCK ISLANDOct-99252.48OSC ROCK ISLANDOct-01232.37OSC ROCK ISLANDOct-02214.76OSC ROCK ISLANDOct-03218.79OSC ROCK ISLANDOct-041590.91OSC ROCK ISLANDOct-03	201.71OSC ROCK ISLANDOct-99MIPR252.48OSC ROCK ISLANDOct-01MIPR232.37OSC ROCK ISLANDOct-02MIPR214.76OSC ROCK ISLANDOct-03MIPR218.79OSC ROCK ISLANDOct-04MIPR1590.91OSC ROCK ISLANDOct-03MIPR	201.71OSC ROCK ISLANDOct-99MIPRCRANE AAA252.48OSC ROCK ISLANDOct-01MIPRCRANE AAA232.37OSC ROCK ISLANDOct-02MIPRUNKNOWN214.76OSC ROCK ISLANDOct-03MIPRUNKNOWN218.79OSC ROCK ISLANDOct-04MIPRUNKNOWN1590.91OSC ROCK ISLANDOct-03MIPRUNKNOWN	201.71OSC ROCK ISLANDOct-99MIPRCRANE AAAAug-02252.48OSC ROCK ISLANDOct-01MIPRCRANE AAAJan-02232.37OSC ROCK ISLANDOct-02MIPRUNKNOWNMar-03214.76OSC ROCK ISLANDOct-03MIPRUNKNOWNMar-04218.79OSC ROCK ISLANDOct-03MIPRUNKNOWNMar-041590.91OSC ROCK ISLANDOct-03MIPRUNKNOWNMar-04	201.71OSC ROCK ISLANDOct-99MIPRCRANE AAAAug-02Mar-03252.48OSC ROCK ISLANDOct-01MIPRCRANE AAAJan-02Feb-04232.37OSC ROCK ISLANDOct-02MIPRUNKNOWNMar-03Feb-05214.76OSC ROCK ISLANDOct-03MIPRUNKNOWNMar-04Feb-06218.79OSC ROCK ISLANDOct-03MIPRUNKNOWNMar-05Feb-071590.91OSC ROCK ISLANDOct-03MIPRUNKNOWNMar-04Feb-06	201.71OSC ROCK ISLANDOct-99MIPRCRANE AAAAug-02Mar-03YES252.48OSC ROCK ISLANDOct-01MIPRCRANE AAAJan-02Feb-04YES232.37OSC ROCK ISLANDOct-02MIPRUNKNOWNMar-03Feb-05YES214.76OSC ROCK ISLANDOct-03MIPRUNKNOWNMar-04Feb-06NO218.79OSC ROCK ISLANDOct-03MIPRUNKNOWNMar-05Feb-07NO1590.91OSC ROCK ISLANDOct-03MIPRUNKNOWNMar-04Feb-06NO

Appro	ppropriation Production Schedule														Date																															
Procu	rocurement Ammunition Navy & Marine Corps																									February 2003																				
Budge	et Activity																					P-1 I	P-1 Item Nomenclature												Subhead No.											
1 Navy Ammunition													5"/54	GUN AN	1MUNI	ITION												11AC	;																	
			υ	s		Oc	st 1					Fisc	al Year	2003									F	iscal Ye	ear 2004										Fiscal Year 2005 Calendar Year 2005											
Cost Code	Cost Code Item/Mfr Prg U Yr M			S e r	Prog Qty	Acc	Bal		CY 02						Calend	ar Year	2003									Calen	dar Yea	r 2004									Calen	dar Yea	ar 2005			Later				
			M	v		Prior	Due	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Apr May Jun			Jul Aug Sep		Oct	Oct Nov De		Jan Fe	eb Ma	ar Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	n Feb	Mar	Apr	May	Jun	Jul	Aug Se	∍p				
						FY 03	FY 03																													1										
AC100	D326 - 5"/54 CHG, PROP, FULL,	MK 67	. UN	IVERS	SAL																																									
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	UNKNOWN	05	к	Ν	22.2		22.2																																			22.2				
	TOTALS				62.1		62.1																											25.0	0 7.0							30.1				
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Appro	priation														Produ	uction	Sche	dule																Date	э							
	rement Ammunition Navy &	Mari	ine (	Corps	s																_															ſ	Februa	ary 20	003			
Budge	et Activity																				P-1	Item N	Nome	nclature	е											Subh	nead No.					
1 Nav	Ammunition							_													5"/54	4 GUN		MUNITI	ON											11AC	;					
0		Dee	υ	S e	Deres		ct 1				F	Fiscal Y	'ear 2003										Fisc	al Year 2	2004									Fisc	cal Year	2005						
Cost Code	Item/Mfr	Prg Yr	U / M	e r	Prog Qty	Acc	Bal		CY 02					Caler	ndar Yea	ar 2003										Calend	dar Yea	r 2004								Calen	dar Year 2	005			Lat	ater
			IVI	v	-	Prior	Due	Oct	Nov De	ec J	Jan F	Feb M	lar Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug Se	ер	Oct Nov	Dec	Jan	Feb	Mar	Apr	May J	Jun J	Jul A	Aug	Sep	
						FY 03	FY 03																																			
AC100	D349 - 5"/54 PROJ, BLP/T																																									
	CRANE AAA	00	к	Ν	1.9		1.9					1	.9																													
	CRANE AAA	02	К	Ν	12.4		12.4																12.4																			
	UNKNOWN	03	к	Ν	13.0		13.0																											13.0								
	UNKNOWN	04	к	Ν	18.0		18.0																																		18	8.0
	UNKNOWN	05	К	Ν	18.0		18.0																																		18	8.0
	TOTALS				63.3		63.3					1	.9										12.4											13.0							36	6.0
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CRA	NE AAA						7432	2	148	60		4162	20			1							1-	Oct	1-C	Oct	tin	-	1-Oct													
UNK	NE AAA NOWN						7432	2	148	60		4162	20			1	Initia	I						5	1	5		23	28													
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		BU	DGET ITEM JUST	<b>IFICATION</b>				DATE:				
			P-4	1 <b>0</b>						Februa	ry 2003	
APPROPRIATION/BUD	DGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE				
PROCUREMENT C	OF AMMUN	IITION, NAVY	& MARINE CORP	S/BA 1			5"/62 (	CAL EXTEN	DED RANG	E GUIDED M	MUNITION (E	ERGM)
Program Element for C	ode B Items:					Other Related	Program Elen	nents				
SUBHEAD NO. 11/	AK		BLIN: 0253	00								
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)			\$5.1	\$0.0	\$3.8	\$21.6	\$20.2	\$21.1	\$39.4	\$61.7		

#### ITEM DESCRIPTION/JUSTIFICATION:

The Extended Range Guided Munition (ERGM) is a key element in providing a near term Naval Surface Fire Support (NSFS) capability. The NSFS mission is to support the U.S. and allied assault landing forces through increased range and accuracy.

PROCUREMENT: The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.

<u>PRODUCTION</u> ENGINEERING: 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-1 SHOPPING	LIST		CLASSIFICATION:
רו	TEM NO.	11	PAGE NO.	1	



			BUDGET	ITEM JUST	IFICATION				DATE:				
				P-4	0						Februa	ry 2003	
APPROPRIATION/BUD	GET ACTIVI	ΤY						P-1 ITEM NO	MENCLATURE				
PROCUREMENT O	F AMMUN	ITION, I	NAVY & MA	RINE CORP	S/BA 1		5"/62	CAL EXTEN	DED RANG	E GUIDED N	MUNITION (	ERGM)	
Program Element for Co	de B Items:							Other Related	Program Elen	nents			
SUBHEAD NO. 11A	K			BLIN: 0253	00								
	Prior	ID										То	
	Years	Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY													
COST													
(In Millions)				\$5.1	\$0.0	\$3.8	\$21.6	\$20.2	\$21.1	\$39.4	\$61.7		

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.

<u>RENOVATION</u> <u>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.

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

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

All ammo procured with these funds is procured through the Navy.

		P-1 SHOPPING	LIST	CLASSIFICATION:
DD Form 2454, JUN 86	ITEM NO.	11	PAGE NO. 2	

CLASSIFICATION:

	WEAPONS SYSTE		NALYSIS			Weapon Syste	em							DATE:	
		-5												Februa	ry 2003
	PRIATION/BUDGET ACTIVITY REMENT OF AMMUNITION, NAVY & M	ARINE CO	RPS/BA 1			ID Code 025300			SUBHEAD	DED MUNIT	ION (ERGM	)			
					NDS OF DOLL		SUBREAD	NU. TIAK							
			TOTAL COS	I IN THOUSA	ND3 OF DOLL	ANG									
COST CODE	ELEMENT OF COST	ID	Prior		FY 2002			FY 2003			FY 2004			FY 2005	
CODE		Code	Years Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AK100															
	5in62 AMMUNITION COMPONENTS 5"/62 CHG, PROPELLING EX-167 5"/62 EXTENDED RANGE GUIDED M	DWDC ERGM		261	2200.00	574				384	2100.00	806	352 275	2000.00 68000.00	7 18,7
	5"/62 HANDLING CYCLE DUMMY RO 5"/62 INTERNAL BALLISTICS SIM	HDUM IBST		20 20	5000.00 8000.00	100 160				10 200	5000.00 7500.00	50 1,500	4 48	5500.00 7500.00	3
	PE/QA SMCA														
4K830 4K850 4K893 4K894 4K895	PRODUCTION ENGINEERING PRODUCT IMPROVEMENT RENOVATION COMPONENTS GAUGE REQUIREMENTS NON-STANDARD					1,336 2,926						1,420			1,7
	NL (PAGE 1 OF P5)	D . O	OPPING LIST			5,096	i l		0			3,776 CLASSIFICATIO			21,50

	MENT HISTO	RY AND F	PLANNING EXHIBIT (P	-5A)		Weapon System		A. DATE		
									February 20	03
B. APPROPRIATION/BUDGE		N, NAVY &	& MARINE CORPS/BA	1	C. P-1 ITEM NOM 5"/62 CAL E BLIN: 02530	XTENDED RANGE GU	IDED MUN	ITION (ER	subhead 11	AK
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 REVISION AVAILABL
AK100										
5in62 AMMUNITION COMP										
5"/62 CHG, PROPELLING E										
FY 2002	261		INDIAN HEAD	Oct-01	CONTRACT	NSWC INDIAN HEAD	Nov-02	Dec-02	YES	
FY 2004	384		CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Apr-04	Jan-06	NO	Jul-03
FY 2005	352	2000.00	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Jan-07	NO	Jul-04
5"/62 EXTENDED RANGE (	GUIDED MUNIT	ION ERGM								
FY 2005	275	68000.00	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04
5"/62 HANDLING CYCLE D	UMMY ROUND	HDUM								
FY 2002	20	5000.00	NSWC DAHLGREN	Oct-01	CONTRACT	UNKNOWN	Mar-03	Mar-04	YES	
FY 2004	10	5000.00	CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Apr-04	Oct-04	NO	Jul-03
FY 2005	4	5500.00	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Oct-05	NO	Jul-04
5"/62 INTERNAL BALLISTIC	CS SIMULATOR	TEST IBST								
FY 2001	1	8000.00	NSWC DAHLGREN	Oct-00	CONTRACT	BECHDON	Nov-02	Dec-02	YES	
FY 2002	20	8000.00	NSWC DAHLGREN	Oct-01	CONTRACT	BECHDON	Nov-02	Dec-02	YES	
FY 2004	200	7500.00	CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Apr-04	Apr-05	NO	Jul-03
FY 2005	48	7500.00	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04
D. REMARKS										
J. NEWIARNO										
NOTE: All items shown are	priced with avail	able GFM.								

CLASSIFICATION:

Appro	priation												Prod	uctio	on Schedule														Date						
Procu	rement Ammunition Navy	/ & Marin	e Co	orps																											Febr	ruary	/ 2003	\$	
Budge	et Activity																P-1	Item	Nome	enclature										Sub	bhead I	No.			
1 Nav	y Ammunition																5"/6	2 CA	AL EXT	ENDED	RANGI	e gui	DED M	IUNITION (	ERGM	1)				11A	١K				
Cost		Dra	υ	S e Pro r Qty	0	ct 1					Fiscal Year	2003							Fisc	al Year 200	)4								Fiscal Ye	ar 2005					
Code	Item/Mfr	Prg Yr	U / M	r Qty	Acc	Bal	(	CY 02				Cale	endar Yea	ar 200	03	-					Cal	endar Ye	ear 2004						. <u> </u>	Cale	endar Ye	ar 2005	ō		Later
				v	Prior	Due	Oct	Nov	Dec	Jan	Feb Mar	Apr May	Jun	Ju	ul Aug Sep	Oct	Nov Dec	Jar	n Feb	Mar A	pr Ma	iy Jun	Jul	Aug Sep	Oct	Nov	Dec	Jan	Feb Ma	ar Ap	r May	/ Jun	n Jul	Aug Sep	2
					FY 03	FY 03																													
AK100	DWDC - 5"/62 CHG, PROPEL	LING EX-16	67 MC	DD 0																															
	NSWC INDIAN HEAD	02	EA	N 26	1	261											261																		
	UNKNOWN			N 38		384																													384
	UNKNOWN	05	EA	N 35	2	352																													352
	TOTALS			99	7	997											261																		736
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	Manufacture's Name and	Locatior	n		Min			0.5			M	Reach D+							Ac	dmin Lead	d Time	М	lanu-	Total											
					Sust	t.	1	-8-5			Max	D+							Р	rior	After	fac	turing	After											
NSW	/C INDIAN HEAD					18000	)	27	000		76000			1							1-Oct		ime	1-Oct											
	NOWN					18000		27			76000			İ	Initial					5	5		22	27											
							1							1	Reorder (F	reviou	us Source)		F	5	5		22	27											
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Annro	riotion													Drodu	otion	Schee	dulo														Date							
	priation rement Ammunition Navy	9 Ma	rino	Corno										FIUU	CUON	Sched	uule														Dale		E	obruc		02		
	t Activity	& IVIa	Irine	Corps															P-1	ltom I	Nomenclatu	ro												ebrua		103		
-	/ Ammunition																				_ EXTENDE												11Ak		<i>.</i>			
Thav	Ammunilion	-		s _		Oct 1	<u> </u>				Fiscal Y	oar 2003							5 /0.		Fiscal Year		NGE GI	UIDED	MUNI	TION		(ועוכ			Fierce	al Year 2		<u> </u>				_
Cost	1. A.K.	Prg Yr	U	I a Pro	·			CY 02			i iscai i	eai 2000		ndar Yea	r 2002					1	i iscai i eai	2004	Colonda	ar Year 2	004					T	1 1302			ndar Year	2005			-La
Code	Item/Mfr	Yr	/ М	r Qty	Prior	Due	Oct	r	1		Feb N			1	1	1						Apr	r - r							Jan	Feb	Mar	Apr			Jul	Aug Se	te
					_	FY 03	Oct	Nov	Dec	Jan	Feb N	lar Apr	Мау	Jun	Jul	Aug	Sep	Oct N	ov Dec	Jan	Feb Mar	Apr	May	Jun	Jul Au	ug S	iep Od	t Nov	Dec	Jan	reb	IVIAI	Арі	iviay	Jun	Jui	Aug 3	зр
AK100	HDUM - 5"/62 HANDLING CYC				1100	1100																																-
ANIO	UNKNOWN			N 20	)	20															20																	
	UNKNOWN		EA			10																					10	)										
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DD Form 2454.

# UNCLASSIFIED

			BUDGET ITEM JUS	TIFICATION				DATE:				
			Р	-40						Februa	ry 2003	
APPROPRIATION/BUD	GET ACTIVI	ΤY					P-1 ITEM NO	MENCLATURE				
PROCUREMENT O	F AMMUN	ITION, N	AVY & MARINE COF	PS/BA 1			7	6MM GUN A	AMMUNITIO	Ν		
Program Element for Co	de B Items:					Other Related	Program Elen	nents				
SUBHEAD NO. 11A	F		BLIN: 026	500								
	Prior	ID									То	
	Years	Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY												
COST												
(In Millions)			\$1.0	\$8.2	\$1.2	\$1.2	\$1.2	\$1.2	\$1.2	\$1.2		

#### ITEM DESCRIPTION/JUSTIFICATION:

The 76MM caliber cartridge is a fixed round of ammunition for use in the MK 75 gun mount. Its primary use is against air targets, but it may be used against surface and shore targets. The weapon system, the MK 75 gun mount and MK 92 fire control system, has been designated for use on guided missile frigates (FFG), and United States Coast Guard (USCG) ships. At the end of FY 02 there will be weapon systems installed on guided missile frigates (FFG) and United States Coast Guard (USCG) ships. There are also numerous barrels located at schools and engineering test sites.

PROCUREMENT: 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.

		P-1 SHC	PPING LIST	CLASSIFICATION:
JUN 86	ITEM NO.	12	PAGE NO. 1	

			BUDGET ITEM JUST	<b>FIFICATION</b>	SHEET				DATE:			
			P-4	40						Februa	ry 2003	
APPROPRIATION/BUD	GET ACTIVI	ΤY					P-1 ITEM NO	MENCLATURE				
PROCUREMENT O	F AMMUN	ITION, N	AVY & MARINE CORF	PS/BA 1				7	6MM GUN A	AMMUNITIO	N	
Program Element for Co	ode B Items:						Other Related	Program Elem	nents			
SUBHEAD NO. 11A	\F		BLIN: 0265	00								
	Prior	ID									То	
	Years	Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY												
COST												
(In Millions)			\$1.0	\$8.2	\$1.2	\$1.2	\$1.2	\$1.2	\$1.2	\$1.2		

#### CONTINUED:

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

<u>RENOVATION</u> <u>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.

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.

	P-1 SHOPPING	LIST		CLASSIFICATION:
ITEM NO.	12	PAGE NO.	2	



DD Form 2454, JUN 86

	PROCUREMENT PROGRA		VE COMPO	NENTS		Weapon Syst	em							DATE:	
	RIATION/BUDGET ACTIVITY	P-1R MARINE CC	ORPS/BA 1			ID Code 026501	P-1 ITEM NO 76MM GUN SUBHEAD							Febru	ary 2003
			TOTAL COS	T IN THOUSAI	NDS OF DOL	LARS	1								
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2002			FY 2003			FY 2004			FY 2005	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AF000	76MM GUN AMMUNITION			0		0	0		0	0		0	0		0
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	2446, JUN 86	P-1 64	0 OPPING LIST						0			0 CLASSIFICATI			0
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CLASSIFIC														D + T =	
	WEAPONS SYST	EM COST A P-5	NALYSIS			Weapon Syste	em							DATE:	ary 2003
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY &		RPS/BA 1			ID Code 026500	P-1 ITEM NOM 76MM GUN SUBHEAD	AMMUNITI						Feblua	ary 2003
			TOTAL COS	T IN THOUSAI	NDS OF DOLL	ARS									
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2002			FY 2003			FY 2004			FY 2005	
0002		0000	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AF100	76MM GUN AMMUNITION CTG 76MM VT-NF CTG, 76MM, HE-PD CTG, 76MM, BLP Primer Percussion, Mk 161 Mod PE/QA SMCA	C058 C061 C062		744	93.05	69	3,024 2,700 10,044	485.11 416.14 456.25				10			10
AF830 AF850 AF893 AF894 AF895	PRODUCTION ENGINEERING PRODUCT IMPROVEMENT RENOVATION COMPONENTS GAUGE REQUIREMENTS NON-STANDARD					632 161 47 40 30			625 239 96 50			650 0 450 56 60			670 0 450 58 36
						979			8,199			1,226			1,224
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BUDGET PROCUREM	ENT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
									February 20	03
B. APPROPRIATION/BUDGET					C. P-1 ITEM NO				SUBHEAD	
PROCUREMENT OF A	MMUNITIO	N, NAVY 8	A MARINE CORPS/E	BA 1		AMMUNITION			11	AF
					BLIN: 02650	00				
/					CONTRACT			DATE OF	SPECS	DATE
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AF100										
76MM GUN AMMUNITION CTG 76MM VT-NF C058										
FY 2000	3530	1074.17	OSC ROCK ISLAND	Oct-99	MIPR	CRANE AAA	Jun-00	Mar-03	YES	
FY 2001	2088		OSC ROCK ISLAND	Oct-00	MIPR	CRANE AAA	Mar-01	Sep-03	YES	
FY 2003	3024		OSC ROCK ISLAND	Oct-00 Oct-02	MIPR	UNKNOWN	Mar-01 Mar-03	Sep-05	YES	
1 2003	5024	400.11	OUD ROOK IDEAND	001-02			Mai-00	Ocp-00	120	
CTG, 76MM, HE-PD C061										
FY 2003	2700	A16 14	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Sec 05	YES	
FT 2003	2700	410.14	USU KUUK ISLAND	001-02	IVIIPR		iviar-03	Sep-05	169	
CTG, 76MM, BLP C062		400.00		0 / 07						
FY 1998	2412		OSC ROCK ISLAND	Oct-97	MIPR	CRANE AAA	Jun-98	Mar-03	YES	
FY 1999	3888		OSC ROCK ISLAND	Oct-98	MIPR	CRANE AAA	May-99	Mar-03	YES	
FY 2000	3605		OSC ROCK ISLAND	Oct-99	MIPR	CRANE AAA	Jun-00	Mar-03	YES	
FY 2001	9684		OSC ROCK ISLAND	Oct-00	MIPR	CRANE AAA	Mar-01	Mar-03	YES	
FY 2003	10044	456.25	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-04	YES	
D. REMARKS										
NOTE: All items shown are p	riced with avail	able GFM.								
DD Form 2446-1, JUL 87			P	1 SHOPPING LIS	ST PAGE NO.		Classific	ation:		

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	rement Ammunition Navy &	& Marir	e Corps	3															_																Febr		2003			
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APPROPRIATION/BUD	GET ACTIVI	ΤY						P-1 ITEM NO	MENCLATURE				
PROCUREMENT O	F AMMUN	ITION, M	NAVY & MAI	RINE CORP	S/BA 1				ОТН	ER SHIP GL	JN AMMUNI	TION	
Program Element for Co	de B Items:							Other Related	Program Elem	nents			
SUBHEAD NO. 11A	G			BLIN: 0270	00								
	Prior	ID										То	
	Years	Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY													
COST													
(In Millions)				\$7.2	\$9.9	\$16.4	\$19.5	\$40.2	\$32.4	\$33.6	\$34.4		

#### ITEM DESCRIPTION/JUSTIFICATION:

This program provides ammunition (20MM through 84MM cartridges and rockets) in support of active Navy ships, and for active and reserve ashore warfare forces including mobile construction battalions (MCB), amphibious construction battalion (ACB), fleet combat readiness groups, inshore undersea warfare groups, and several other type operational units.

PROCUREMENT: The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.

PRODUCTION ENGINEERING: 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-1 SHOPPING	LIST	CLASSIFICATION:
186	ITEM NO.	13	PAGE NO. 1	



DD Form 2454, JUN 86

			BUDGET ITEM JUST	<b><i>TIFICATION</i></b>	SHEET				DATE:			
			P-4	10						Februa	ry 2003	
APPROPRIATION/BUD	OGET ACTIVI	ΤY					P-1 ITEM NO	MENCLATURE				
PROCUREMENT C	F AMMUN	ITION, N	AVY & MARINE CORF	PS/BA 1				ОТН	ER SHIP GL	JN AMMUNI	TION	
Program Element for C	ode B Items:						Other Related	Program Elen	nents			
SUBHEAD NO. 11/	٨G		BLIN: 0270	00								
	Prior	ID									То	
	Years	Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY												
COST												
(In Millions)			\$7.2	\$9.9	\$16.4	\$19.5	\$40.2	\$32.4	\$33.6	\$34.4		

#### CONTINUED:

DD Form 2454, JUN 86

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.

<u>RENOVATION</u> <u>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.

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.

	P-1 SHOPPING	LIST	CLASSIFICATION:
ITEM NO.	13	PAGE NO. 2	

	PROCUREMENT PROGRAM	I - RESER	VE COMPO	NENTS		Weapon Syste	em							DATE:	
		-1R					1							Februa	ary 2003
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & M		RPS/BA 1			ID Code 027001	P-1 ITEM NON OTHER SH								
I KOCOK							SUBHEAD								
			TOTAL COS	T IN THOUSAN	NDS OF DOLL		<u> </u>								
COST	ELEMENT OF COST	ID	Prior		FY 2002			FY 2003			FY 2004			FY 2005	
CODE		Code	Years												
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AG000	OTHER SHIP GUN AMMUNITION			936		51	2,198		51	968		51	1,235		52
			0			51			51			51			52
DD FORM	2446, JUN 86	P-1 SH ITEM NO.	OPPING LIST 13			PAGE NO.	3					CLASSIFICATI	ON:		

	WEAPONS SYST		NALYSIS			Weapon Syste	em							DATE:	
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & I	P-5 MARINE CO	RPS/BA 1			ID Code 027000		MENCLATURE/ IP GUN AMI NO. 11AG						Februa	ary 2003
			TOTAL COST	IN THOUSAN	NDS OF DOLL	ARS									
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2002			FY 2003			FY 2004			FY 2005	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Co
G100															
	25MM CARTRIDGES CTG, 25MM, TP-T, M793 CTG, 25MM, SAPHEI-T	A976 A991		87,890	11.62	1,021	97,570	12.68	1,237	190,510 26,400	17.59 26.97	3,351 712	182,490 114,125	17.92 27.43	
	30MM CARTRIDGES CTG, 30MM, HEI CTG, 30MM, TP	30HE 30TP		3,024 10,200	146.53 10.86		4,000	51.18	205	13,900	28.63	398	40,300	29.06	1.
	40MM GRENADE CARTRIDGES CTG, 40MM, PRAC, M79 CTG, 40MM, FIXED, HE CTG, 40MM, FIXED, PRAC CTG, 40MM, BLANK, SAL (200 GR	B519 B542 B576 B650		82,400 73,024	21.84 13.36		42,240 160,800	26.42 13.32	1,116 2,142	43,700 184,160 0	5.02 20.35 0.00	219 3,748 0	29,000 120,550 148,416 7,992	5.11 20.72 12.83 99.25	2 1
G200	20MM CARTRIDGES CTG, 20MM, SURFACE MODE	AA61		70,370	27.00	1,900	139,400	30.00	4,182	238,700	27.82	6,641	187,470	28.30	5
	PE/QA SMCA-AG100 PE/QA SMCA-AG200					326			296			584			
AG830 AG850 AG895 AG893 AG894	PRODUCTION ENGINEERING PRODUCT IMPROVEMENT NON-STANDARD RENOVATION COMPONENTS GAUGE REQUIREMENTS					662			695			715			
SUBTOTA	L (PAGE 1 OF P5)	I				7,239			9,873			16,368			19

BUDGET PROCUREM	ENT HISTO	RY AND P	LANNING EXHIBIT (F	P-5A)		Weapon System		A. DATE		
									February 20	03
B. APPROPRIATION/BUDGET					C. P-1 ITEM NON				SUBHEAD	
PROCUREMENT OF A		N, NAVY 8	MARINE CORPS/BA	1	OTHER SHIF BLIN: 02700	P GUN AMMUNITION 0			11.	AG
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 A97	76									
FY 2001	55990	11.29	OSC ROCK ISLAND	Oct-00	MIPR	MULTIPLE CONTRACTORS	Feb-02	May-02	YES	
FY 2002	87890		OSC ROCK ISLAND	Oct-01	MIPR	MULTIPLE CONTRACTORS	Mar-02	Jun-03	YES	
FY 2003	97570		OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Apr-03	Jun-04	YES	
FY 2004	190510		OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Apr-04	Jun-05	NO	Jul-03
FY 2005	182490		OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Apr-05	Jun-06	NO	Jul-04
CTG, 25MM, SAPHEI-T A991										
FY 2004	26400	26.97	CHINA LAKE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Jun-05	NO	Jul-03
FY 2005	114125	27.43	CHINA LAKE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Jun-06	NO	Jul-04
30MM CARTRIDGES CTG, 30MM, HEI 30HE										
FY 2002	3024	146.53	CRANE NAVY SUPPLY	Oct-01	CONTRACT	АТК	Aug-02	Oct-03	YES	
FY 2003	4000	51.18	CRANE NAVY SUPPLY	Oct-02	CONTRACT	UNKNOWN	Apr-03	Oct-04	YES	
FY 2004	13900		CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Apr-04	Oct-05	NO	Jul-03
FY 2005	40300		CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Oct-06	NO	Jul-04
40MM GRENADE CARTRIDO	GES									
CTG, 40MM, PRAC, M79 B51	19									
FY 2004	43700	5.02	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Mar-04	Apr-05	NO	Jul-03
FY 2005	29000	5.11	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Apr-06	NO	Jul-04
D. REMARKS										
NOTE: All items shown are p	riced with availa	able GFM.								
·										
DD Form 2446-1. JUL 87			P-	1 SHOPPING LIS	ST		Classific	ation:		

CLASSIFICATION:

				-54)		Weapon System		A. DATE	Echrucry 20	02
									February 20	03
B. APPROPRIATION/BUDGET PROCUREMENT OF A		N, NAVY &	& MARINE CORPS/BA	A 1	C. P-1 ITEM NON OTHER SHIF BLIN: 02700	P GUN AMMUNITION			subhead 11	AG
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
FISCAL TEAR		0031		DATE	& ITPE	AND LOCATION	DATE	DELIVERT	NOW	AVAILABLI
AG100 CONTINUED										
CTG, 40MM, FIXED, HE B54		04.04		Oct 01	MIPR	UNKNOWN	Mar 02	Aug 02	VEC	
FY 2002	82400 42240		OSC ROCK ISLAND	Oct-01 Oct-02	MIPR		Mar-03	Aug-03	YES	
FY 2003 FY 2004			OSC ROCK ISLAND OSC ROCK ISLAND	Oct-02 Oct-03	MIPR	UNKNOWN UNKNOWN	Mar-03 Jan-04	Aug-04	YES	Jul-03
	184160							Aug-05	NO	
FY 2005	120550	20.72	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Jan-05	Aug-06	NO	Jul-04
CTG, 40MM, FIXED, PRAC	-									
FY 1999	6848		OSC ROCK ISLAND	Oct-98	MIPR	AMERICAN ORDNANCE	Sep-01	Mar-03	YES	
FY 2001	98240		OSC ROCK ISLAND	Oct-00	MIPR	MULTIPLE CONTRACTORS	Sep-01	Dec-02	YES	
FY 2002	73024		OSC ROCK ISLAND	Oct-01	MIPR	UNKNOWN	Mar-03	Oct-03	YES	
FY 2003	160800		OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Oct-04	YES	
FY 2004	110000		OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Jan-04	Oct-05	NO	Jul-03
FY 2005	148416	12.83	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Jan-05	Oct-06	NO	Jul-04
CTG, 40MM, BLANK, SAL (2	200 GRAMS) B6	50								
FY 2001	7182	38.57	OSC ROCK ISLAND	Oct-00	MIPR	AMERICAN ORDNANCE	Mar-02	Mar-03	YES	
FY 2005	7992	99.25	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Jan-05	Jul-06	NO	Jul-04
AG200										
20MM CARTRIDGES										
CTG, 20MM, SURFACE MO										
FY 2000	360000	27.48	NSWC DAHLGREN	Oct-99	CONTRACT	GENERAL DYNAMICS ARMAN	Jul-01	Mar-03	YES	
FY 2002	70370	27.00	CRANE NAVY SUPPLY	Oct-01	CONTRACT	UNKNOWN	Mar-03	Oct-03	YES	
FY 2003	139400	30.00	CRANE NAVY SUPPLY	Oct-02	CONTRACT	UNKNOWN	Mar-03	Oct-04	YES	
FY 2004	238700	27.82	CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Feb-04	Oct-05	NO	Jul-03
FY 2005	187470	28.30	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Feb-05	Oct-06	NO	Jul-04
D. REMARKS										
NOTE: All items shown are	priced with availa	able GFM.								

			BUDGET ITEM	USTI	FICATION	SHEET				DATE:			
				P-40	)						Februa	ry 2003	
APPROPRIATION/BUD	GET ACTIVI	ΤY						P-1 ITEM NO	<b>MENCLATURE</b>				
PROCUREMENT O	F AMMUN	ITION, N	AVY & MARINE C	ORPS	S/BA 1			SM	IALL ARMS	AND LAND	ING PARTY		NC
Program Element for Co	de B Items:							Other Related	Program Elem	nents			
SUBHEAD NO. 11A	Н		BLIN:	)3350(	0								
	Prior	ID										То	
	Years	Code	FY 20	02	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY													
COST													
(In Millions)			\$8.	3	\$18.7	\$17.7	\$23.3	\$34.7	\$8.5	\$8.8	\$9.0		

#### ITEM DESCRIPTION/JUSTIFICATION:

This program provides ammunition in support of active Navy ships and for active and reserve ashore warfare forces including: mobile construction battalions (MCB), amphibious construction battalion (ACB) and fleet combat readiness groups, inshore undersea warfare groups and several other type operational units.

PROCUREMENT: The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.

PRODUCTION ENGINEERING: 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-1 SHOPPING	LIST			CLASSIFICATION:
ITEM NO.	14	PAGE NO.	1	1	



			<b>BUDGET ITEM JUST</b>	<b>IFICATION</b>	SHEET				DATE:			
			P-4	0						Februa	ry 2003	
APPROPRIATION/BUI	DGET ACTIVI	ΤY					P-1 ITEM NO	MENCLATURE				
PROCUREMENT O	OF AMMUN	ITION, NA	VY & MARINE CORP	S/BA 1			SN	IALL ARMS	AND LAND	ING PARTY		N
Program Element for C	ode B Items:						Other Related	Program Elen	nents			
SUBHEAD NO. 11/	AH		BLIN: 03350	00								
	Prior	ID									То	
	Years	Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY												
COST												
(In Millions)			\$8.8	\$18.7	\$17.7	\$23.3	\$34.7	\$8.5	\$8.8	\$9.0		

#### 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.

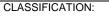
<u>RENOVATION</u> <u>COMPONENTS</u>: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

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

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.

	P-1 SHOPPING	LIST	
ITEM NO.	14	PAGE NO.	2



#### DD Form 2454, JUN 86

	PROCUREMENT PROGRAM - I		VE COMPO	NENTS		Weapon Syste	em							DATE:	
	P-1R													Februa	ary 2003
	RIATION/BUDGET ACTIVITY		ORPS/BA 1			ID Code 033501	P-1 ITEM NOI SMALL AR SUBHEAD	MS AND LA	NDING PAR	TY AMMUN	TION				
			TOTAL COS	T IN THOUSAN	NDS OF DOLI		OODIILAD								
COST CODE	ELEMENT OF COST	ID	Prior		FY 2002			FY 2003			FY 2004			FY 2005	
CODE		Code	Years Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
АН000	SMALL ARMS AND LANDING PARTY AMMU MATERIAL	JNITION		73,350		30	69,711		29	75,117		32	158,257		69
		•	0			30			29			32			69
DD FORM	2446, JUN 86	P-1 SH EM NO.	OPPING LIST 14			PAGE NO.	3					CLASSIFICATIO	ON:		

	WEAPONS SYSTE	EM COST A	NALYSIS			Weapon Syste	m							DATE:	
	1	P-5												Februa	ary 2003
APPROP	RIATION/BUDGET ACTIVITY					ID Code	P-1 ITEM NOM	MENCLATURE/	SUBHEAD						
PROCUR	EMENT OF AMMUNITION, NAVY & N	ARINE CO	RPS/BA 1			033500	SMALL AR	MS AND LA	NDING PAR	TY AMMUN	TION				
							SUBHEAD	NO. 11AH							
			TOTAL COS	T IN THOUSAI	NDS OF DOLL	ARS		-							
0007		15	D. i		E) ( 0000			<b>F</b> )( 0000			E) ( 000 (		r	E) ( 000E	
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2002			FY 2003			FY 2004			FY 2005	
CODE		Code	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AH100															
AHTUU	SHOTGUN CARTRIDGES														
	CTG, 12 GA, NO. 00	A011		1,280,000	0.32	410	2,300,160	0.33	759	2,000,000	0.34	680	2,000,000	0.35	700
	CTG, 12 GA, NO. 9	A017		250,000	0.17		_,,.			_,,			_,,		
	5.56MM CARTRIDGES	1050		0 774 000	0.04	700									
	CTG, 5.56MM, BALL, M855 CTG, 5.56MM, BALL, M855 LKD	A059 A062		3,774,960 1,320,000	0.21 0.47		1,000,000	0.43	430	300,800	0.55	165			
	CTG, 5.56MM, LKD 4 BALL/1 TR	A062 A064		1,320,000	0.47	620	156,800	0.43	430 50	300,800	0.55	100	120,000	0.33	40
	CTG, 5.56MM, BLANK	A080		1,370,280	0.10	137	699,960	0.32	50 70	962,160	0.11	106	962,160	0.33	106
	CTG., 5.56MM Match	AA53		1,070,200	0.10	107	000,000	0.10	10	300,000	0.50	150	300,000	0.52	156
										,			,		
	.22 CAL CARTRIDGES														
	CTG, .22 CAL, BALL, LR, MATCH	A097		725,000	0.07	54	160,000	0.18	29						
	7.62MM CARTRIDGES														
	CTG, 7.62MM, LKD, BALL AND TR	A131					3,248,000	0.45	1.462	3,537,600	0.45	1.592	3.083.200	0.47	1,449
	CTG, 7.62MM, LKD	A165					700,500	0.43	301	1,450,500	0.43	624	1,450,500	0.47	682
	9MM CARTRIDGES														
	CTG, 9MM, BALL	A363		15,900,000	0.11	1,650	32,646,000	0.11	3,591	8,000,000	0.11	880	23,176,000	0.11	2,549
	CTG, 9MM, FX, MARKING, RED	AA12		10,000,000	0.111	1,000	700,000	0.44	308	700,000	0.39	273	700,000	0.40	280
	CTG, 9MM, FRANGIBLE	AA16					1,800,000	0.33	594	,			1,000,000	0.37	370
	CTG, 9MM, FX, MARKING, BLUE	AA21					300,000	0.44	132						
	.45 CAL CARTRIDGES														
	CTG, .45 CAL, BALL, WADCUTTER	A470		392,000	0.20	79									
				,											
	.50 CAL CARTRIDGES												_		
	CTG, .50 CAL, LKD, BALL	A555		470,000	1.71	804	180,000	1.56	281	250,000	1.75	438	200,000	1.78	356
	CTG, .50 CAL, LKD & TRACER	A557 AA06		407 000	0.00	0.005	550,000	1.74 6.01	957	600,000	1.79	1,074	600,000	1.88	1,128
	CTG, .50 CAL, MK 211, APIT, M	AAUb		497,200	6.09	3,025	1,302,800	6.01	7,835	1,613,900	6.21	10,022	2,164,400	6.32	13,679
SUBTOTA	L (PAGE 1 OF P5)					7,614			16,799			16,004			21,495
DD FORM	2446, JUN 86	P-1 SHO	OPPING LIST	-	•					•		CLASSIFICATION	ON:		

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# UNCLASSIFIED

CLASSIFICATION:

CLASSIFICATION:

	WEAPONS SYST		NALYSIS			Weapon Syst	em							DATE:	
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & I	P-5 MARINE CO	RPS/BA 1			ID Code 033500			SUBHEAD	TY AMMUN	ITION			Febru	ary 2003
			TOTAL COS	T IN THOUSA	NDS OF DOLI	ARS									
COST CODE	ELEMENT OF COST	ID Code	Prior Years Total Cost	Quantity	FY 2002 Unit Cost	Total Cost	Quantity	FY 2003 Unit Cost	Total Cost	Quantity	FY 2004 Unit Cost	Total Cost	Quantity	FY 2005 Unit Cost	Total Cost
			Total Cost	Quantity	Unit Cost	TOTAL COST	Quantity	Unit Cost	Total Cost	Quantity	Offit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	CONTINUED														
	PE/QA SMCA					141			276			78			61
AH850	PRODUCTION ENGINEERING PRODUCT IMPROVEMENT RENOVATION COMPONENTS					579			585			618			637
AH895	GAUGE REQUIREMENTS NON-STANDARD MATCH AMMO					244 205			525 494			530 494			535 545
	SUBTOTAL (PAGE 2 OF P5)					1169			1880			1720			1778
TOTAL	2446, JUN 86		OPPING LIST			8,783			18,679			17,724 CLASSIFICATIO			23,273

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	IENT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
									February 20	03
3. APPROPRIATION/BUDGET					C. P-1 ITEM NO				SUBHEAD	
PROCUREMENT OF	AMMUNITIO	N, NAVY 8	MARINE CORPS/	BA 1	SMALL ARI	MS AND LANDING PART	'Y AMMUI	NITION	11	AH
					BLIN: 03350	00				
					CONTRACT			DATE OF	SPECS	DATE
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	FIRST DELIVERY	AVAILABLE NOW	REVISION AVAILABL
		0001		5,112			BATE	DEEIVER		
AH100										
SHOTGUN CARTRIDGES										
CTG, 12 GA, NO. 00 A011										
FY 2002	1280000		OSC ROCK ISLAND	Oct-01	MIPR	OLIN CORP	Apr-02	Oct-02	YES	
FY 2003	2300160		OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Aug-03	YES	
FY 2004	2000000		OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Aug-04	NO	Jul-03
FY 2005	2000000	0.35	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Aug-05	NO	Jul-04
5.56MM CARTRIDGES										
CTG, 5.56MM, BALL, M855										
FY 2002	1320000		OSC ROCK ISLAND	Oct-01	MIPR	UNKNOWN	Mar-03	Mar-03	YES	
FY 2003	1000000		OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	
FY 2004	300800	0.55	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Nov-04	NO	Jul-03
CTG, 5.56MM, LKD 4 BALL/	1 TR A064									
FY 2003	156800		OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	
FY 2005	120000	0.33	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Nov-05	NO	Jul-04
CTG, 5.56MM, BLANK A080										
FY 2002	1370280	0.10	OSC ROCK ISLAND	Oct-01	MIPR	ALLIANT TECHSYSTEMS	Mar-02	Mar-03	YES	
FY 2003	699960		OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	
FY 2004	962160		OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Nov-04	NO	Jul-03
FY 2005	962160		OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Nov-05	NO	Jul-04
D. REMARKS										
NOTE: All items shown are	priced with avail	able GFM.								
DD Form 2446-1, JUL 87	,		Р	-1 SHOPPING LIS			Classific			
			ITEM NO.	14	PAGE NO.	6		UNCLAS	SIFIED	

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System		A. DATE			
						-			February 20	03	
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NOM	IENCLATURE			SUBHEAD		
PROCUREMENT OF A	MMUNITIO	N, NAVY &	MARINE CORPS/B	A 1	SMALL ARM	IS AND LANDING PAR	TY AMMU	NITION	11	AH	
					BLIN: 03350	0					
					CONTRACT			DATE OF	SPECS	DATE	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	FIRST DELIVERY	AVAILABLE NOW	REVISION	
AH100 CONTINUED											
5.56MM CARTRIDGES											
CTG., 5.56MM Match AA53		0.50		0 / 00							
FY 2004	300000		CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Apr-04	Apr-05	NO	Jul-03	
FY 2005	300000	0.52	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04	
7.62MM CARTRIDGES											
CTG, 7.62MM, LKD, BALL AN		131									
FY 2003	3248000		OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES		
FY 2004	3537600		OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Nov-04	NO	Jul-03	
FY 2005	3083200	0.47	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Nov-05	NO	Jul-04	
CTG, 7.62MM, LKD A165											
FY 2003	700500	0.43	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES		
FY 2004	1450500	0.43	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Nov-04	NO	Jul-03	
FY 2005	1450500	0.47	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Nov-05	NO	Jul-04	
D. REMARKS			I		•	•	1				
NOTE: All items shown are p	riced with avail	able GFM.									
					<b>.</b>		01				
DD Form 2446-1, JUL 87				1 SHOPPING LIS 14	PAGE NO.	7	Classific	ation: UNCLAS	SIFIED		

BUDGET PROCUREM	IENT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
				-					February 20	03
. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NOM	MENCLATURE			SUBHEAD	
PROCUREMENT OF A		Ν ΝΑΥΥ 8	MARINE CORPS/B	Δ1		IS AND LANDING PAR		NITION	11	AH
				/、	BLIN: 03350					/
	т		ſ		CONTRACT	1		DATE OF	SPECS	DATE
Cost Element/	QUANTITY	UNIT	LOCATION	RFP ISSUE	METHOD	CONTRACTOR	AWARD	FIRST	AVAILABLE	REVISION
FISCAL YEAR		COST	OF PCO	DATE	& TYPE	AND LOCATION	DATE	DELIVERY	NOW	AVAILABLE
AH100 CONTINUED										
9MM CARTRIDGES										
CTG, 9MM, BALL A363										
FY 2000	516000	0.11	OSC ROCK ISLAND	Oct-99	MIPR	OLIN CORP	Jun-02	Mar-03	YES	
FY 2002	15900000	0.11	OSC ROCK ISLAND	Oct-01	MIPR	OLIN CORP	Mar-02	Jul-02	YES	
FY 2003	32646000		OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Aug-03	YES	
FY 2004	8000000		OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Aug-04	NO	Jul-03
FY 2005	23176000		OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Aug-05	NO	Jul-04
CTG, 9MM, FX, MARKING, F	RED AA12									
FY 2003	700000	0.44	CRANE NAVY SUPPLY	Oct-02	CONTRACT	UNKNOWN	Mar-03	Nov-03	YES	
FY 2004	700000	0.39	CRANE NAVY SUPPLY	Oct-03	CONTRACT	UNKNOWN	Dec-03	Nov-04	NO	Jul-03
FY 2005	700000	0.40	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Dec-04	Nov-05	NO	Jul-04
CTG, 9MM, FRANGIBLE AA	16									
FY 2003	1800000	0.33	CRANE NAVY SUPPLY	Oct-02	CONTRACT	UNKNOWN	Apr-03	Apr-04	YES	
FY 2005	1000000	0.37	CRANE NAVY SUPPLY	Oct-04	CONTRACT	UNKNOWN	Apr-05	Oct-06	NO	Jul-04
D. REMARKS			II			1	1	1	1	1
NOTE: All items shown are p	priced with avail	able GFM.								
DD Form 2446-1, JUL 87			P-	1 SHOPPING LIS	ST		Classific	ation:		
, -				14	PAGE NO.	8		UNCLAS	SIFIED	

BUDGET PROCURE	MENT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
									February 20	03
B. APPROPRIATION/BUDGE					C. P-1 ITEM NO	MENCLATURE			SUBHEAD	
PROCUREMENT OF		N NAVY 8	MARINE CORPS/B	Δ1		<b>MS AND LANDING PART</b>				AH
	/			/ · ·	BLIN: 03350				••	
					CONTRACT			DATE OF	SPECS	DATE
Cost Element/	QUANTITY	UNIT	LOCATION	RFP ISSUE	METHOD	CONTRACTOR	AWARD	FIRST	AVAILABLE	REVISIONS
FISCAL YEAR		COST	OF PCO	DATE	& TYPE	AND LOCATION	DATE	DELIVERY	NOW	AVAILABLE
AH100 CONTINUED										
.50 CAL CARTRIDGES										
CTG, .50 CAL, LKD, BALL	A555									ĺ
FY 2002	470000	1.71	OSC ROCK ISLAND	Oct-01	MIPR	LAKE CITY AAP	Mar-02	Mar-03	YES	1
FY 2003	180000	1.56	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	
FY 2004	250000	1.75	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Nov-04	NO	Jul-03
FY 2005	200000	1.78	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Nov-05	NO	Jul-04
CTG, .50 CAL, LKD & TRA	CER A557									
FY 2001	1358000	1.80	OSC ROCK ISLAND	Oct-00	MIPR	ALLIANT TECHSYSTEMS	Feb-01	Feb-02	YES	ĺ
FY 2001	213600	1.90	OSC ROCK ISLAND	Oct-00	MIPR	LAKE CITY AAP	May-02	Mar-03	YES	ĺ
FY 2001	67600	1.84	OSC ROCK ISLAND	Oct-00	MIPR	UNKNOWN	Mar-03	Mar-03	YES	1
FY 2003	550000	1.74	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	1
FY 2004	600000	1.79	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Feb-04	Nov-04	NO	Jul-03
FY 2005	600000	1.88	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Feb-05	Nov-05	NO	Jul-04
CTG, .50 CAL, MK 211, AP	IT, M20 4 & 1 LK	AA06								
FY 1999	166200	2.74	OSC ROCK ISLAND	Oct-98	MIPR	ALLIANT TECHSYSTEMS	May-01	Mar-03	YES	ĺ
FY 2000	815800	2.73	OSC ROCK ISLAND	Oct-99	MIPR	ALLIANT TECHSYSTEMS	May-01	Mar-03	YES	ĺ
FY 2000	623000	3.41	OSC ROCK ISLAND	Oct-99	MIPR	ALLIANT TECHSYSTEMS	Sep-01	Mar-03	YES	ĺ
FY 2001	621600	6.08	OSC ROCK ISLAND	Oct-00	MIPR	ALLIANT TECHSYSTEMS	Sep-02	Mar-03	YES	ĺ
FY 2002	497200	6.09	OSC ROCK ISLAND	Oct-01	MIPR	ALLIANT TECHSYSTEMS	Sep-02	Mar-03	YES	1
FY 2003	1302800	6.01	OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Nov-03	YES	1
FY 2004	1613900	6.21	OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Dec-03	Nov-04	NO	Jul-03
FY 2005	2164400	6.32	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Dec-04	Nov-05	NO	Jul-04
D. REMARKS										
NOTE: All items shown are	e priced with avail	able GFM.								

			BUDGET ITEM JU	STIFICATION	SHEET				DATE:			
			F	-40						Februa	ry 2003	
APPROPRIATION/BUD	GET ACTIVI	ΤY					P-1 ITEM NO	MENCLATURE				
PROCUREMENT OI	F AMMUN	ITION, N	AVY & MARINE CO	RPS/BA 1				PYROTECH	NICS AND D	DEMOLITION	N MATERIAL	-
Program Element for Co	de B Items:						Other Related	Program Elen	nents			
SUBHEAD NO. 11A	J		BLIN: 03	1000								
	Prior	ID									То	
	Years	Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY												
COST												
(In Millions)			\$8.3	\$10.2	\$10.5	\$10.3	\$14.2	\$10.6	\$10.9	\$11.1		

#### ITEM DESCRIPTION/JUSTIFICATION:

This program provides pyrotechnics and demolition materials for all active naval vessels, amphibious and mobile construction battalions, mobile diving and salvage units, cargo handling and port groups, naval security groups, fleet composite operational readiness groups (formerly beachjumper unit (BJU's)) and explosive ordnance disposal groups/mobile units/detachments/teams. This program also provides materials to support the ship shock test program.

Pyrotechnics are required to support the surface, air, ground, and underwater Navy requirements. These items consist of illumination, signalling, identification, and location devices using flare or smoke as the primary signalling agent. Pyrotechnics are used for training, combat exercises, submarine rescue and personnel search and rescue operations. Demolitions consist of explosive devices and accessories and are required for fleet units to perform training functions and operations/requirements. Fleet requirements are based upon CNO approved allowance lists for special needs on a case by case basis and worldwide fleet expenditure.

PROCUREMENT: 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.

	P-1 SHOPPING LIST	CLASSIFICATION:	
DD Form 2454, JUN 86	ITEM NO. 15 PAGE NO. 1		

			BUDGET	<b>ITEM JUST</b>	IFICATION	SHEET				DATE:			
				P-4	0						Februa	ry 2003	
APPROPRIATION/BUD	GET ACTIVI	ΤY						P-1 ITEM NO	<b>MENCLATURE</b>				
PROCUREMENT O	F AMMUN	ITION, I	NAVY & MA	RINE CORP	S/BA 1			F	YROTECH	NICS AND D	EMOLITION	N MATERIAL	-
Program Element for Co	de B Items:							Other Related	Program Elem	ients			
SUBHEAD NO. 11A	J			BLIN: 0340	00								
	Prior	ID										То	
	Years	Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY													
COST													
(In Millions)				\$8.3	\$10.2	\$10.5	\$10.3	\$14.2	\$10.6	\$10.9	\$11.1		

#### 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.

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

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

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.

DD Form 2454. JUN 86	P-1 SHO ITEM NO. 15	DPPING LIST PAGE NO. 2	CLASSIFICATION:	
			UNCLASSIFIED	

	PROCUREMENT PROGRAM - P		VE COMPO	NENTS		Weapon Syste	em							DATE:	
1000.00	P-1R													Februa	ary 2003
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & MAR								DEMOLITIOI						
FROCOR			JAF J/DA I				SUBHEAD		DEMOLITIO		L				
			TOTAL COS	T IN THOUSAN	NDS OF DOLL		00011278								
COOT		15	D. i. i.		E) ( 0000		r	E) ( 0000			EV 0004		r	E)/ 0005	
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2002			FY 2003			FY 2004			FY 2005	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AJ000	PYROTECHNICS AND DEMOLITION MATER	RIAL		17,500		84	6,212		82	14,068		83	7,059		84
			0			84			82			83			84
DD FORM		P-1 SH EM NO.	IOPPING LIST 15			PAGE NO.	3					CLASSIFICATIO	SN:		

CLASSIFICATION:

	WEAPONS SYSTEM	COST A	NALYSIS			Weapon Syste	em							DATE:	
	P-1	5												Februa	ary 2003
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & MA	RINE CO	RPS/BA 1			ID Code 034000		IENCLATURE	/SUBHEAD <b>DEMOLITIOI</b>		L				
							SUBHEAD	NO. 11AJ							
			TOTAL COST	T IN THOUSAN	NDS OF DOLL	ARS									
COST	ELEMENT OF COST	ID	Prior		FY 2002			FY 2003			FY 2004			FY 2005	
CODE		Code	Years Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cos
J100															
	SIGNALS														
	SIGNAL, ILLUM, MARINE, RED, C SIGNAL, ILLUM, MARINE, YELLOW	L191 L192											7,704 4,992	78.32 78.32	
	SIGNAL, ILLUM, MARINE, RED ST	L193											8,664	82.61	
	MARKER, LOCATION, SUB, MK 120 MARKER, LOCATION, SUB, MK 121	L259 L260		191 191	1090.55 1090.55					580	1033.55	599			
	SIG, SMK ILLUM, MAR, MK124/13	L283		191	1030.33	200	29,988	57.41	1,722	39,996	58.40	2,336			
	SIG, SMK ILLUM, MAR, MK 117,	LA26		5.40	4050.00	740							1,000	1255.14	1
	MARKER, LOCATION, SUB, MK 66/	LA28		549	1359.23	746									
	MINE CHARGES & CHARGE CUTTERS														
	MAIN CHARGE DISRUPTOR LIGHTWEIGHT DISPOSABLE DISRUP	DWDF DWDN		2,004 3,000	55.33 111.00					3,000	46.54	140			
	CHG, DML, BLK, M118, PETN, 2L	M024		0,000	111.00	000							2,500	54.65	
UBTOTA	L (PAGE 1 OF P5)	1				1,606			1,722			3,075			3,
	2446, JUN 86	P-1 SHO	OPPING LIST			,,	•		,			CLASSIFICATIO			- /

#### **UNCLASSIFIED** CLASSIFICATION: WEAPONS SYSTEM COST ANALYSIS Weapon System DATE: P-5 February 2003 APPROPRIATION/BUDGET ACTIVITY ID Code P-1 ITEM NOMENCLATURE/SUBHEAD PYROTECHNICS AND DEMOLITION MATERIAL PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1 034000 SUBHEAD NO. 11AJ TOTAL COST IN THOUSANDS OF DOLLARS COST ELEMENT OF COST ID Prior FY 2002 FY 2003 FY 2004 FY 2005 CODE Code Years **Total Cost** Quantity Unit Cost Total Cost AJ100 CONTINUED DET CORDS, CAPS & FUZES ACOUSTIC FIRING DEVICE ACFD 166 2000.00 332 1,754 2215.00 3,885 575 2253.10 1,296 SHOCK TUBE INITIATOR DWEI 1,000 97.27 97 30FT 175MS DELAY DET DWEJ 22 16FT 200MS DELAY DET DWEK 22 12FT 17MS DELAY DET DWEL 22 12FT 42MS DELAY DET DWEM 22 12FT 25MS DELAY DET DWEN 22 CAP, BLASTING, NON-ELEC, M7 M131 40,160 9.11 366 CORD, DETONATING, PRIMACORD, M456 1,000,000 0.23 230 FUZE, BLASTING, TIME M670 328,000 0.16 52 SQUIB, ELECTRIC, MK 20 MOD 0 MG61 9,000 47.67 429 RADIO FIRING DEVICE (RFD) MK ML06 97 17316.04 1,680 50 18624.53 931 BLASTING CAP. ELEC. MK11 ML83 45 30.020 62.75 1.884 20.000 63.83 1.277 FIRING DEVICE, KIT, MK 48/MK MN29 121 FIRING DEVICE, MK 59 **MN44** 85 NON-EL DET W/IN-LINE INITIATO MN51 55 NON-EL DET W/IN-LINE INITIATO MN54 109 MK62 FIRING DEVICE MN81 1,836 852.11 1,564 1,987 881.68 1,752 SUBTOTAL (PAGE 2 OF P5) 2686 5449 4205 3960 TOTAL 4,292 7,171 7,280 7,062 DD FORM 2446, JUN 86 P-1 SHOPPING LIST CLASSIFICATION:

ITEM NO. 15

PAGE NO. 5

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	WEAPONS SYSTE		NALYSIS			Weapon Syste	em							DATE:	
	P RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & M/	-5 ARINE CO	RPS/BA 1			ID Code 034000	P-1 ITEM NOP PYROTECH SUBHEAD	INICS AND	/SUBHEAD <b>DEMOLITIOI</b>	N MATERIA	L			Februa	ary 2003
			TOTAL COS	T IN THOUSAN	NDS OF DOLL	ARS									
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2002			FY 2003			FY 2004			FY 2005	
0001		Couc	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cos
J100	CONTINUED														
NJ830 NJ850 NJ893 NJ894 NJ895	CUTTERS & CARTRIDGES ULTRA VELOCITY CARTRIDGES AVON CARTRIDGES "POPPER" BLANK CARTRIDGES CTG, 12GA, BLACK POWDER BLANK CTG, 36 GRAM, CO2 CLAYVON CARTRIDGES CTG, 12GA, ENHANCED BLANK, MK CTG, 12GA, STEEL SLUG, MK 279 CTG, 12GA, ALUMINUM SLUG, MK CTG, 50 CAL, MK209 SHOCK TEST CHARGES SHOCK TEST CHARGES SHOCK TEST CHARGES SHOCK TEST CHARGE, 60 LB PE/QA SMCA PRODUCTION ENGINEERING PRODUCT IMPROVEMENT RENOVATION COMPONENTS GAUGE REQUIREMENTS NON-STANDARD	AA62 AA63 AA64 AA66 AWAB CLVN DWEC DWED DWEE SS01 XW65		11,000 12,000 15,000 15,000 15,000 15,000 300	5.36 5.86 1.61 2.18 6.77 3.73 5.93 5.93 1345.71	70 21 33 68 103 56 89 89 89 22	450	1414.78	637 6 1,070 959 108 16 193	450	1749.57	787 20 1,055 975 110 46 196	450	1780.28	8 1,0 9 1 2
	SUBTOTAL (PAGE 3 OF P5)					4056			2989			3189			32
OTAL	2446. JUN 86		OPPING LIST			8,348	6		10,160			10,469 CLASSIFICATIO			10,

DD FORM 2446, JUN 86

P-1 SHOPPING LIST ITEM NO. 15 CLASSIFICATION:

BUDGET PROCUR	EMENT HISTO	RY AND F	LANNING EXHIBI	Т (Р-5А)		Weapon System		A. DATE		
									February 20	03
B. APPROPRIATION/BUD	GET ACTIVITY				C. P-1 ITEM NON	IENCLATURE			SUBHEAD	
PROCUREMENT O	F AMMUNITIO	N, NAVY 8	MARINE CORPS	/BA 1	PYROTECH	NICS AND DEMOLITIO	N MATERI	AL	11	AJ
					BLIN: 03400	0				
					CONTRACT			DATE OF	SPECS	DATE
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	FIRST DELIVERY	AVAILABLE NOW	REVISIONS
AJ100										
SIGNALS										
SIGNAL, ILLUM, MARINE										
FY 2005	7704	78.32	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04
SIGNAL, ILLUM, MARINE	E, YELLOW COME	T L192								
FY 2005	4992	78.32	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04
SIGNAL, ILLUM, MARINE	E. RED STAR MK1	L193								
FY 2005	8664		NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Feb-06	NO	Jul-04
MARKER, LOCATION, S										
FY 2001	593		NSWC CRANE	Oct-00	CONTRACT	CRANE AAA	Mar-01	Mar-03	YES	
FY 2002	191		NSWC CRANE	Oct-00 Oct-01	CONTRACT	CRANE AAA	Mar-01 Mar-02	Oct-03	YES	
FY 2004	580		NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Oct-05	NO	Jul-03
SIG, SMK ILLUM, MAR, I	MK124/13. DISTRE	SS   283								
FY 2003	29988		NSWC CRANE	Oct-02	CONTRACT	UNKNOWN	Apr-03	Oct-04	YES	
FY 2004	39996		NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Oct-05	NO	Jul-03
SIG, SMK ILLUM, MAR, I	MK 117. GREEN LA	A26								
FY 1999	137		NSWC CRANE	Oct-98	CONTRACT	CRANE AAA	Mar-01	Mar-03	YES	
FY 2000	463	1213.06	NSWC CRANE	Oct-99	CONTRACT	CRANE AAA	Mar-01	Mar-03	YES	
FY 2005	1000	1255.14	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Oct-06	NO	Jul-04
D. REMARKS	•			-	•	•		•		
NOTE: All items shown a	are priced with avail	able GFM.								
DD Form 2446-1, JUL	. 87		I	P-1 SHOPPING LIS	т		Classific	ation:		

BUDGET PROCURE	MENT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
									February 20	03
B. APPROPRIATION/BUDGE					C. P-1 ITEM NOM				SUBHEAD	
PROCUREMENT OF	AMMUNITIO	N, NAVY 8	& MARINE CORPS/	BA 1	PYROTECHI	NICS AND DEMOLITION I	MATERI	AL	11	AJ
					BLIN: 03400	0				
					CONTRACT			DATE OF	SPECS	DATE
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	FIRST DELIVERY	AVAILABLE NOW	REVISIONS
AJ100 CONTINUED										
MINE CHARGES & CHARG MAIN CHARGE DISRUPTC										
FY 2000	5000	10.76	NSWC CRANE	Oct-99	CONTRACT	DIVERSIFIED MANUFACTURI	Dec-00	Mar-03	YES	
FY 2000 FY 2002	2004		NSWC CRANE	Oct-99 Oct-01	CONTRACT	DIVERSIFIED MANUFACTURI		Apr-03	YES	
FY 2002 FY 2004	2004 3000		NSWC CRANE	Oct-01 Oct-03	CONTRACT	UNKNOWN	Aug-02	Apr-03 Apr-05	NO	Jul-03
-1 2004	3000	40.04	INSWC CRANE	001-03	CONTRACT	UNKNOWN	Apr-04	Apr-05	NO	Jui-03
CHG, DML, BLK, M118, PE	TN, 2I B M024									
FY 2005	2500	54.65	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Apr-05	Feb-06	NO	Jul-04
DET CORDS, CAPS & FUZ	ΈS									
ACOUSTIC FIRING DEVIC										
FY 2002	166	2000.00	NSWC CRANE	Oct-01	CONTRACT	UNKNOWN	Apr-03	Oct-03	YES	
FY 2003	1754	2215.00	NSWC CRANE	Oct-02	CONTRACT	UNKNOWN	Apr-03	Oct-04	YES	
FY 2004	575	2253.10	NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Oct-05	NO	Jul-03
CAP, BLASTING, NON-ELE	C, M7 M131									
FY 2004	40160	9.11	NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Feb-05	NO	Jul-03
CORD, DETONATING, PRI	ACORD. PETN	M456								
FY 2004	1000000		OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Jun-04	Jan-05	NO	Jul-03
SQUIB, ELECTRIC, MK 20	MOD 0 MG61									
FY 1995	3440	64.96	NSWC CRANE	Oct-94	CONTRACT	NSWC INDIAN HEAD	Mar-97	Mar-03	YES	
FY 2004	9000	47.67	NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Apr-05	NO	Jul-03
D. REMARKS										
NOTE: All items shown are	priced with avail	able GFM.								
DD Form 2446-1, JUL 8	7		P	-1 SHOPPING LIS	бТ		Classific	ation:		

BUDGET PROCUREMI	ENT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE			
								February 2003			
3. APPROPRIATION/BUDGET					C. P-1 ITEM NOM		SUBHEAD AL 11AJ				
PROCUREMENT OF A	MMUNITIO	N, NAVY 8	MARINE CORPS/	3A 1	PYROTECHI	AL					
					BLIN: 03400						
					CONTRACT			DATE OF	SPECS	DATE	
Cost Element/	QUANTITY	UNIT	LOCATION	RFP ISSUE	METHOD	CONTRACTOR	AWARD	FIRST	AVAILABLE	REVISION	
FISCAL YEAR		COST	OF PCO	DATE	& TYPE	AND LOCATION	DATE	DELIVERY	NOW	AVAILABL	
AJ100 CONTINUED											
DET CORDS, CAPS & FUZES											
RADIO FIRING DEVICE (RFD	) MK 186 MOI	0 0 ML06									
FY 1999	8	17181.93	NSWC CRANE	Oct-98	CONTRACT	ROTHENBUHLER ENG	Sep-01	Mar-03	YES		
FY 2001	50	19581.93	NSWC CRANE	Oct-00	CONTRACT	ROTHENBUHLER ENG	Aug-01	Mar-03	YES		
FY 2002	97	17316.04	NSWC CRANE	Oct-01	CONTRACT	ROTHENBUHLER ENG	Aug-02	Apr-03	YES		
FY 2005	50	18624.53	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04	
BLASTING CAP, ELEC, MK11	ML83										
FY 2000	44000	48.31	INDIAN HEAD	Oct-99	CONTRACT	STRESAU LABORATORY	Jun-00	Oct 02	YES		
FY 2004	30020	62.75	NSWC CRANE	Oct-03	CONTRACT	UNKNOWN	Apr-04	Apr-05	NO	Jul-03	
FY 2005	20000	63.83	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04	
MK62 FIRING DEVICE MN81											
FY 2003	1836	852.11	NSWC CRANE	Oct-02	CONTRACT	UNKNOWN	Apr-03	Apr-04	YES		
FY 2005	1987	881.68	NSWC CRANE	Oct-04	CONTRACT	UNKNOWN	Apr-05	Apr-06	NO	Jul-04	
SHOCK TEST CHARGES											
SHOCK TEST CHARGE, 60 L											
FY 1999	304		OSC ROCK ISLAND	Oct-98	MIPR	CRANE AAA	Jul-01	Mar-03	YES		
FY 2002	300		OSC ROCK ISLAND	Oct-01	MIPR	CRANE AAA	Mar-02	Mar-03	YES		
FY 2003	450		OSC ROCK ISLAND	Oct-02	MIPR	UNKNOWN	Mar-03	Jan-04	YES		
FY 2004	450		OSC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Jan-04	Jan-05	NO	Jul-03	
FY 2005	450	1780.28	OSC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Jan-05	Jan-06	NO	Jul-04	
D. REMARKS											
NOTE: All items shown are pr	riced with avail	able GFM.									
					\ <del>_</del>		01				
DD Form 2446-1, JUL 87			P ITEM NO.	-1 SHOPPING LIS	PAGE NO.	-	Classific	ation: UNCLAS			

			BUDGET	ITEM JUST	IFICATION	SHEET				DATE:				
				P-4	0			1			Februa	ary 2003		
APPROPRIATION/BUI								P-1 ITEM NO						
PROCUREMENT C			NAVY & MAF	RINE CORP	S BA-1: N/		NITION				N DEVICES	/035000/71U	4	
Program Element for C	ode B Items	:						Other Related Program Elements 0204302N						
	FY 2001 and Prior	ID Code		FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total	
EQUIPMENT COST	\$35.4	A		\$4.9	\$2.7	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	N/A	\$7.6	
SPARES COST (In Millions)				\$0.8	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	CONT.	CONT.	
PROGRAM DESCRI	PTION/JUST	IFICATION	1:											
The Mine Neutralizati Vehicle can drop a M Cable Grip Release, I Explosive Loading (U	1K-57 Destru MK-57 Destru 14002) - The	uctor charge fuctor and fl MK-57 Des	e (MP-2) near a loats to neutrali structor, used i	a bottom mine ize moored mi	to neutralize i nes in place.	it. The vehicle	is also capab	le of attaching	a MK-26 Cable	e cutter (MP-1)	) to a Moored	Mine. MP-3 uti	ilizes a MK-52	
U4002 to make a full	•	•												
MK-57 Bomblet (U40	05) - The MI	K-57 destru	ctor charge, als	so known as N	lission Packag	e 2 (MP-2), is t	used to neutral	ize bottom min	es.					
MP-3 Device (U4007)	) - The MP-3	Device cor	nsists of a MK-	52 Cable Grip	Release, MK-8	57 destructor a	long with floats	s to neutralize n	noored mines i	n place.				
Engineering Change	Kits (U4008)	- REC/ En	able Kits											
Adjustments mad	de in FY03 te	o reflect pro	ogram terminati	on.										
L						P-1 SHOPP			CLASSIFICA	TION:				
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	WEAPONS SYSTE	M COST / -5	ANALYSIS			Weapon Syster	n		DATE:	F	ebruary 2003	3			
ROCUR	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & MA AVY AMMUNITION	RINE CO	RPS			ID Code	P-1 ITEM NOM		SUBHEAD N DEVICES/03	5000/71U4					
			TOTAL COST IN	THOUSANDS	6 OF DOLLAR	S									
COST CODE	ELEMENT OF COST	ID Code	Prior Years	FY 2002				FY 2003			FY 2004		FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cos
	MINE WARFARE, N852														
4002	EXPLOSIVE LOADING		3,827			0			996						
4005	MK 57 BOMBLET	А	9,788			0	0	0.00	0						
4007	MP-3 DEVICE*	А	13,016	62	52.00	3,835									
4008	ENGINEERING CHANGE KITS								63						
4830	PRODUCTION ENGINEERING		3,614			595			1,150						
4840	QUALITY ASSURANCE		467			108			0						
4860	ACCEPTANCE TEST & EVALUATION		3,722			331			320						
14900	CONSULTING SERVICES		954			62			150						
	* FY02 funding also includes \$611K of Engir	neering Ch	ange Proposals												
			35,388			4,931			2,679			0			

	MENT HISTO	DRY AND	PLANNING EXHIE	BIT (P-5A)	Weapon System			A. DATE			
									February 20	03	
. APPROPRIATION/BUDG	ET ACTIVITY				C. P-1 ITEM NOM	IENCLATURE	SUBHEAD				
PROCUREMENT OF		N, NAVY	& MARINE CORP	S			71U4				
BA-1: NAVY AMMUN	NITION				MINE NEUTR						
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 REVISION AVAILABL	
FISCAL YEAR 2002 J4007/MP-3 DEVICE	62	52.00	NAVSEA	N/A	OPTION	Raytheon Portsmouth, RI	3/02	06/03	YES		

\* Delivery dates shown are for complete Destructor MK-57. Final delivery includes successful completion of lot acceptance testing, explosive loading of cases and production of Firing Devices MK-35 by NSWC, Indian Head Division.

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CLASSIFICATION:

P-1 SHOPPING LIST ITEM NO. 16

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Classification: UNCLASSIFIED

BUDGET	DATE:														
		P-40					February 2	003							
APPROPRIATION/BUDG	ET ACTIVITY	/			P-1 ITEM NOMENCLATURE										
PROCUREMENT OF AMMUNIT	ION, NAVY & M		RPS		Ammunition less than \$5 million (J1A5) 040000										
Program Element for Code	e B Items:		Other Related	Program Eler	nents										
	Prior Years	ID Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total			
QUANTITY											continuing	continuing			
COST (In Millions)	\$8.2	А	\$1.3	\$3.1	\$2.2	\$3.2	\$3.2	\$1.2	\$3.2	\$3.2	continuing	continuing			
Ammunition Less than These items include I anti-submarine opera The MK 58 was desig yellow flame and whit from aircraft (primary) reference point markin The current budget improvement program feature in each marke	both air-laur tions. The gned for da te smoke fo ) or surface ng that requ profile prov- ns (PIPs) fo	hand laui y or nigh r 40-60 n craft to p ires both vides fun r future p	nched units a t use in any c ninutes which provide day/ni smoke and fla ding for sup rocurements.	re used in a condition call is visible for ght reference ame propaga port efforts Funds for F	variety of situ ing for long b at least three points in ma tion for appro (PES, ILS), IP are require	ations to incl urning, smok e miles under urking the cou ximately fiftee procurement ed to: comple	ude SAR ope e and flame in normal oper irse of enemy en minutes. of non-stand te design and	erations, Man reference-poi ating conditic y contacts. It dard items, it testing of ar	Overboard on the marking or ns. The MK is suitable for renovation co arming swite	drills and Targ n the ocean. 25 is designer r any type of omponents, a ch as an addi	get Marking. It produces ed to launch sea surface and product tional safety				
NAVY RESERVE (FY02-0	)9 is below 26	5K)	<u>FY02</u> \$0.0	<u>FY03</u> \$0.0	<u>FY04</u> \$0.0	<u>FY05</u> \$0.0	<u>FY06</u> \$0.0	<u>FY07</u> \$0.0	<u>FY08</u> \$0.0	<u>FY09</u> \$0.0					
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# UNCLASSIFIED

	FICATIO	N SHEET	FOR AGGR	EGATED IT	EMS	DATE:								
		P-40a				February 2	003							
APPROPRIATION/BUD	GET ACT	IVITY			P-1 ITEM NC	MENCLATURE								
ROCUREMENT OF AMMU	NITION, NAV	VY & MARINE C	ORPS			Ammunition less than \$5 million (J1A5) 040000								
Procurement Items	ID Code	Prior Years*	FY 2002	FY 2003	FY 2004	FY 2005					To Complete	Total		
r locarement items	Coue	Tears	112002	112003	112004	112005					Complete	Total		
Aarine Location Mark	ers													
MK 58 MLM	A				+						Continuing	Continuin		
Quantity		8658	1687	9799	6266	10168					J			
Funding		\$2,026	\$411	\$2,319	\$1,530	\$2,528								
Other Costs		\$6,184	\$918	\$740	\$643	\$632								
Total P-1 Funding		\$8,210	\$1,329	\$3,059	\$2,173	\$3,160					Continuing	Continuin		
FY 2001 and prior funded	under the	Procurement	of Ammunition.	Navy and Marine	Corp (PANMC)									
Other Procurement, Nav	y (OPN), ai	nd Weapons P	rocurement, Na	vy (WPN) Line I	tem Marine Loca	tion Markers.								
								_						
		PES - CR	705	628	529	517								
		PES - PAX	10	10	10	10								
		PES - PAX PES/CSS	10 50	10 47	10 49	10 50								
		PES - PAX	10	10	10	10								
		PES - PAX PES/CSS ILS	10 50 27	10 47 29	10 49 29	10 50 29								
		PES - PAX PES/CSS ILS NSI	10 50 27 13	10 47 29 13	10 49 29 13	10 50 29 13								
		PES - PAX PES/CSS ILS NSI REN COMP	10 50 27 13 13	10 47 29 13 13	10 49 29 13 13	10 50 29 13 13								
		PES - PAX PES/CSS ILS NSI REN COMP	10 50 27 13 13 100	10 47 29 13 13 0	10 49 29 13 13 0	10 50 29 13 13 0								
		PES - PAX PES/CSS ILS NSI REN COMP	10 50 27 13 13 100	10 47 29 13 13 0	10 49 29 13 13 0	10 50 29 13 13 0								

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			BUDGET ITEM JUST	DATE:												
			P-4	0			February 2003									
APPROPRIATION/BUD	APPROPRIATION/BUDGET ACTIVITY									P-1 ITEM NOMENCLATURE						
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1								CAWCF CLOSURE COSTS								
Program Element for Co		Other Related	Program Elem	nents												
SUBHEAD NO. 11AM BLIN: 041500																
	Prior	ID									То					
	Years	Code	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total				
QUANTITY																
COST																
(In Millions)			\$6.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0						

#### ITEM DESCRIPTION/JUSTIFICATION:

Funding is requested to support the Conventional Ammunition Working Capital Fund (CAWCF) which was established in FY 1982 to meet the operational needs of the Services to procure ammunition. The CAWCF provided a single organization through which orders from the Services could be consolidated. This arrangement was to provide economies of scale, low prices, and increased efficiencies for management of ammunition procurement.

This budget reflects funding for NAVSEA and NAVAIR.

P-1 SHOPPING LIST										
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CLASSIFICATION:



CLASSIFICATION:

