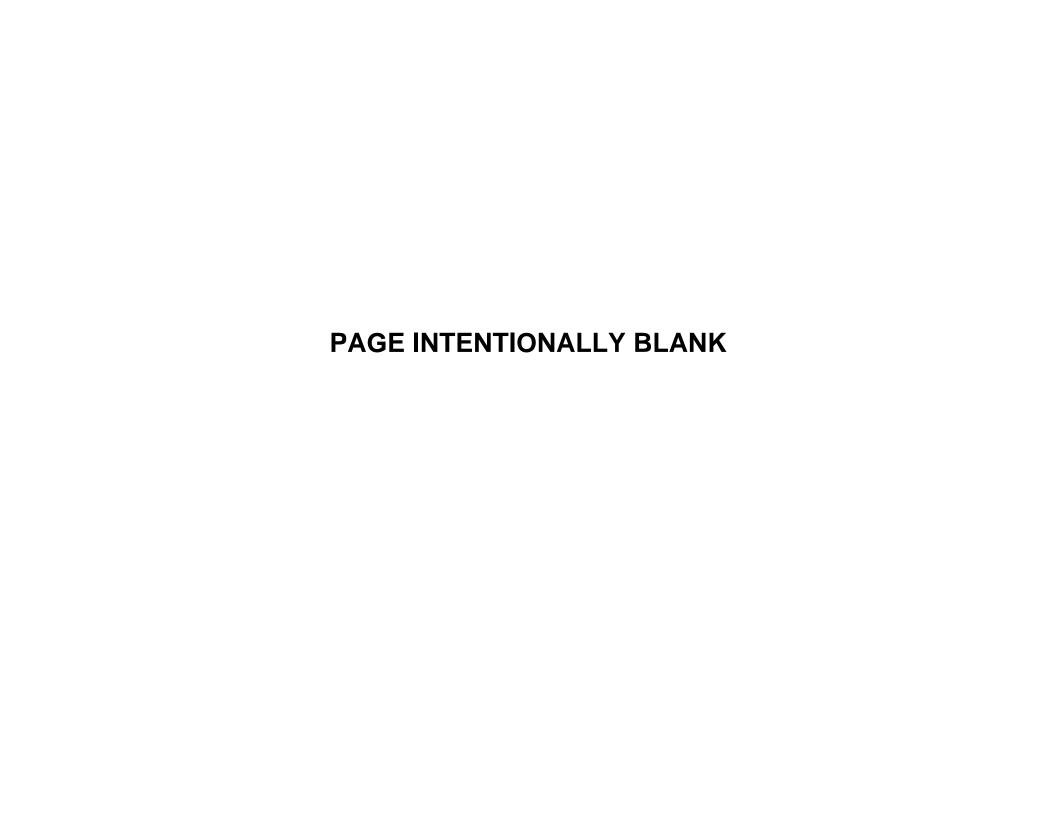
DEPARTMENT OF THE NAVY FISCAL YEAR (FY) 2009 BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES FEBRUARY 2008

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS BUDGET ACTIVITY 1



Department of Defense Appropriations Act, 2008

Procurement of Ammunition, Navy and Marine Corps

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, \$1,122,712,000, to remain available for obligation until September 30, 2010.

"In accordance with the President's Management Agenda, Budget and Performance Integration initiative, this program has been assessed using the Program Assessment Rating Tool (PART). Remarks regarding program performance and plans for performance improvement can be located at the Expectmore.gov website."

DEPARTMENT OF DEFENSE

FY 2009 PROCUREMENT PROGRAM

SUMMARY 22 JAN 2008 (\$ IN MILLIONS)

APPROPRIATION	FY 2007	FY 2008	FY 2009
PROCUREMENT OF AMMO, NAVY & MC	582.7	515.4	529.6
TOTAL Department of the Navy	582.7	515.4	529.6

Department of the Navy

FY 2009 PROCUREMENT PROGRAM

SUMMARY 22 JAN 2008 (\$ IN MILLIONS)

APPROPRIATION	FY 2007	FY 2008	FY 2009
PROCUREMENT OF AMMO, NAVY & MC	582.7	515.4	529.6
TOTAL Department of the Navy	582.7	515.4	529.6

Department of the Navy

FY 2009 PROCUREMENT PROGRAM

SUMMARY 22 JAN 2008 (\$ IN MILLIONS)

APPROPRIATION: PROCUREMENT OF AMMO, NAVY & MC

ACTIVITY	FY 2007	FY 2008	FY 2009
01. PROC AMMO, NAVY	582.7	515.4	529.6
TOTAL PROCUREMENT OF AMMO, NAVY & MC	582.7	515.4	529.6

Department of the Navy FY 2009 PROCUREMENT PROGRAM

APPROPRIATION: 1508N PROCUREMENT OF AMMO, NAVY & MC DATE: 22 JAN 2008

				MILLIONS OF	DOLLARS	}	
INE	IDENT	FY 20	07	FY 20	08	FY 20	009
NO ITEM NOMENCLATURE		QUANTITY	COST	QUANTITY		QUANTITY	COST
UDGET ACTIVITY 01: PROC AMMO, NAVY							
NAVY AMMUNITION							
1 GENERAL PURPOSE BOMBS	А		123.8		112.7		168.4
2 JDAM	В	3324	86.6	1357	38.4	169	9.3
3 AIRBORNE ROCKETS, ALL TYPES	А		31.8		30.1		32.3
4 MACHINE GUN AMMUNITION	А		16.1		12.6		18.9
5 PRACTICE BOMBS	А		44.4		36.1		39.4
6 CARTRIDGES & CART ACTUATED DEVICES	А		30.8		44.0		46.6
7 AIRCRAFT ESCAPE ROCKETS	А		11.0				
8 AIR EXPENDABLE COUNTERMEASURES	А		80.6		84.6		79.8
9 JATOS	А		3.8		3.1		3.2
10 MK 258 MOD 1	А						1.0
11 5 INCH/54 GUN AMMUNITION	А		37.9		28.8		21.0
12 INTERMEDIATE CALIBER GUN AMMUNITION	А		10.9		11.1		15.8
13 OTHER SHIP GUN AMMUNITION	А		40.1		21.6		35.1
14 SMALL ARMS & LANDING PARTY AMMO	А		54.1		78.0		45.1
15 PYROTECHNIC AND DEMOLITION	А		9.7		11.0		10.5
16 AMMUNITION LESS THAN \$5 MILLION	А		1.2		3.2		3.2
OTAL PROC AMMO, NAVY			582.7		515.4		529.6
OTAL PROCUREMENT OF AMMO, NAVY & MC			582.7		515.4		529.6

EXHIBIT P-1

		BUDG P-4	SET ITEM 40	JUSTIFIC	ATION SI	IEET				DATE: Februa	ry 2008
APPROPRIATION/BUD	GET ACTIVI	TY				P-1 ITEM N	OMENCLAT	URE			
PROCUREMENT OF A	MMUNITION	, NAVY & MA	ARINE COR	PS\BA 1		014500, GE	NERAL PU	RPOSE BOI	MBS		
Program Element for Co	ode B Items:					Other Relate 0204162 N	•	Elements			
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity											
Cost (\$M)	\$1,280.6	Α	\$123.8	\$112.7	\$168.4	\$121.3	\$134.4	\$116.4	\$98.6	Cont	Conf

MISSION DESCRIPTION:

The BSU-33 Conical Fins, BSU-86 and BSU-85 Fins, MK 83 Conical Fins: Procurement to replace expenditures and maintain war reserve.

<u>The BLU-111:</u> The procurement is for expenditure replacement and to maintain war reserve. The BLU-111A/B is a thermally protected 500 lb bomb filled with plastic bonded explosive (PBXN-109) to enhance its insensitivity.

<u>The BLU-110:</u> The procurement is for expenditure replacement and to maintain war reserve. The BLU-110A/B is a 1,000 lb General Purpose Thermally Protected Bomb that is loaded with plastic bonded explosive (PBXN-109) to enhance its insensitive munitions performance.

MK 77 Bombs: Procurement to sustain training requirements over the FYDP to avoid further impact of an already degraded War Reserve stockpile.

<u>FUZES:</u> Includes funds for FMU-143 fuzes. Prior to FY06 funds were included for DSU-33, FMU-140, FMU-159 and FMU-152. In FY2010, FMU-139 will be replaced with FMU-164 to reflect procurement of the PIP.

<u>Dual Mode Laser Guided Bombs:</u> The funding for Dual Mode Laser Guided Bombs provides for a procurement of retrofit kits to integrate GPS/INS guidance to the LGB inventory. Retrofit of components will be done at the contractor's facility and is included in the unit price of the retrofit kit.

The BLU-109: The procurement of the BLU-109 is to improve the war reserve posture.

Bomb Subcomponents: The Bomb Subcomponents line funding is to procure Arming Wires, adapters, lugs, nose plugs, etc.

Multi-Mode Direct Attack Moving Target Capability: This funding is to procure non-developmental Multi-Mode Direct Attack Moving Target capable weapons for fixed wing aircraft through a competitive procurement contract planned for FY08. The intent of this procurement is to address a documented (JROCM 176-05) gap in Land Moving Target capability for DON fixed wing aircraft and to ensure a viable industrial base by awarding to multiple vendors. This acquisition will ensure Navy and Marine Corps fixed wing direct attack capacity now and capability as Laser Maverick leaves the inventory.

<u>Product Improvement Program (PIP)</u>: The PIP cost element funds efforts to include: investigation into alternative hardware coating materials to meet the Environmental Protection Agency's more stringent requirements; incorporating design changes to the bomb bodies; incorporating Insensitive Munitions explosive fill; and incorporating fuze engineering changes for manufacturing/production enhancements and to improve fuze system reliability. The growth in the funding requested for product improvement is driven by the efforts to increase fuze system reliability and to incorporate those solutions into the manufacturing and production processes.

FY07 provides funding to procure BSU-33 conical fins, BSU-86, MK 83 conical fins, BLU-111, BLU-110, Fuzes, Dual Mode Laser Guided Bombs, Bombs Subcomponents and associated support.

FY08 provides funding to procure BSU-85, BLU-111, BLU-110, Fuzes, BLU-109, Bombs Subcomponents, Multi Mode Direct Attack Moving Target Capability and associated support.

FY09 provides funding to procure BSU-85, BSU-86, BLU-111, BLU-110, MK 77, Fuzes, BLU-109, Bombs Subcomponents, Multi Mode Direct Attack Moving Target Capability and associated support.

nibit P-5 Cost Analysis						Weapon Syst	em			DATE: Februa	ary 2008
PROPRIATION/BUDGET ACTIVITY DOUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						P-1 ITEM NON					
						Total Cost	(Dollars in Th	ousands)			
st Element of Cost	ID	Prior Years		FY 2007			FY 2008			FY 2009	
	Code	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost
GENERAL PURPOSE BOMBS SUBTOTAL					82,748			89,891			<u>125,664</u>
010 BSU-33 CONICAL FINS	Α		10,715	83.24	892						
020 BSU-86	Α		15,666	1,377.40	21,578				6,138	1,493.35	9,167
031 BSU-85	Α					4,986	2,114.45	10,543	5,000	2,114.20	10,571
032 FMU-139 FUZE/FMU-164	Α										
170 MK 83 CONICAL FINS	Α		2,373	274.70	652						
191 BLU-111	Α		1,876	2,884.87	5,412	4,602	3,304.43	15,207	3,357	3,285.63	11,030
192 BLU-110	Α		2,527	5,588.05	14,121	2,833	6,370.23	18,047	4,383	5,924.69	25,968
194 MK 77 BOMBS	Α				0				671	4,952.89	3,323
196 Fuzes (Note 1)	Α		4,224	2,835.00	11,975	1,500	2,100.00	3,150	3,000	1,927.00	5,781
198 DUAL MODE LGB (Note 2)	Α		2,150	10,200.00	25,368						
199 BLU-109 (Note 3)	Α				0	600	16,000.00	9,600	808	23,763.65	19,201
197 Bombs Subcomponents	Α				2,750		.,	4,970		.,	4,769
200 Multi-Mode Direct Attack Moving Target Capability (N	lote 4)				,	200	13,700.00	28,374	2,758	13,000.00	35,854
ILS SUBTOTAL					931		,	600	_,	,	600
800 ILS (FUZES)					140			555			<u> </u>
800 ILS (GBU)					587						
800 ILS (GP BOMBS)					204			600			600
ies (di Bowibs)					204			000			000
PES/NAVY SUBTOTAL					32,370			20,535			19,463
830 OTHER PES (GP BOMBS)					3,664			3,084			4,525
PES (FUZES)					11,225			9,376			9,970
830 PES (GBU & LGB) (Note 5)					17,481			8,075			4,968
OTHER SUBTOTAL					7,794			1,701			22,710
850 PRODUCT IMPROVEMENT PROGRAM (PIP)					7,047			1,051			22,060
892 NON-STANDARD ITEMS					327			200			22,060
893 RENOVATION COMPONENTS					73			200			200
894 GAUGING					347			200 250			250
DAUGING					347			250			250
Total		1,280,597			123,843			112,727			168,437
Total			1,280,597	1,280,597	1,280,597	1,280,597 123,843	1,280,597 123,843	1,280,597 123,843	1,280,597 123,843 112,727	1,280,597 123,843 112,727	1,280,597 123,843 112,727

Notes:

- 1. Include funds for FMU-143K/B, FMU-143L/B and FMU-143M/B. Previously this line also included funds for DSU-33, FMU-140, FMU-159, and FMU-152.
- 2.. The additional funding in the FY07 DMLGB total cost was utilized to procure load trainers and CMBRE hardware to support the DMLGB program. Dual Mode LGB procurement will be completed in FY07. A multi-mode capability will be procured in the Multi-Mode Direct Attack Moving Target Capability weapon beginning in FY08.
- 3.. The FY09 unit cost increased significantly due to (1), the cost of steel has increased by approximately 30% due to all the purchases made by China over the last five years, and (2), the price of PBXN-109 fill has increased from roughly \$3.85 a pound (when initial procurements of PBXN-109s were made) to roughly \$8.00 a pound.
- 4. FY08 total cost includes non-recurring costs in the Multi-Mode Direct Attack Moving Target Capability for qualification and First Article Test for two vendors as well as recurring costs.
- 5. A Congressional Add of \$3.6M to qualify and integrate the Enhanced PAVEWAY II on F/A-18 is included in the PES (GBU & LGB) cost code in FY07.

									A. DATE	
BUDGET PROCUREME			IG EXHIBIT (P-5A)		Weapon S	-			February	
B. APPROPRIATION/B	UDGET ACT	TIVITY				C. P-1 ITEM NOMENCLATU	RE			SUBHEAD
PROCUREMENT OF AM	IMUNITION,	NAVY & MARIN	IE CORPS\BA 1			014500, GENERAL PURPOSE	BOMBS			J1Q2
Cost Element/FiscalYear	Qty	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
GENERAL PURPOSE BOMBS					,,			,		
BLU-109										
2008	600	16,000.00	JMC ROCK ISLAND, IL	Dec 07	C-OPTION	MCALESTER ARMY AMMUNITION PLANT, MCALESTER, OK	Jan 08	Feb 09	YES	
2009	808	23,763.65	JMC ROCK ISLAND, IL	Dec 08		MCALESTER ARMY AMMUNITION PLANT, MCALESTER, OK	Jan 09	Feb 10	YES	
BLU-110										
2007	2,527	5,588.05	JMC ROCK ISLAND, IL	OPTION		MCALESTER ARMY AMMUNITION PLANT, MCALESTER, OK	Feb 07	Jan 10	YES	
2008	2,833	6,370.23	JMC ROCK ISLAND, IL	OPTION	C-OPTION	MCALESTER ARMY AMMUNITION PLANT, MCALESTER, OK	Feb 08	Mar 09	YES	
2009	4,383	5,924.69	JMC ROCK ISLAND, IL	OPTION		MCALESTER ARMY AMMUNITION PLANT, MCALESTER, OK	Feb 09	Mar 10	YES	
BLU-111										
2007	1,876	2,884.87	JMC ROCK ISLAND, IL	Jan 07	C-OPTION	MCALESTER ARMY AMMUNITION PLANT, MCALESTER, OK	Jan 07	May 09	YES	
2008	4,602	3,304.43	JMC ROCK ISLAND, IL	Jan 08	C-OPTION	MCALESTER ARMY AMMUNITION PLANT, MCALESTER, OK	Jan 08	Jul 09	YES	
2009	3,357	3,285.63	JMC ROCK ISLAND, IL	Jan 09	C-OPTION	MCALESTER ARMY AMMUNITION PLANT, MCALESTER, OK	Jan 09	Sep 09	YES	

									A. DATE	
BUDGET PROCUREM			NG EXHIBIT (P-5A)		Weapon S				February	
B. APPROPRIATION/	BUDGET ACT	TIVITY				C. P-1 ITEM NOMENCLATU	RE			SUBHEAD
PROCUREMENT OF A	MMUNITION,	NAVY & MARIN	NE CORPS\BA 1			014500, GENERAL PURPOSE	BOMBS			J1Q2
					Contract Method &			Date of First		Date Revisions
Cost Element/FiscalYear	Qty	Unit Cost	Location of PCO	RFP Issue Date	Туре	Contractor and Location	Award Date	Delivery	Now	Available
BSU-33 CONICAL FINS										
200	10,715	83.24	JMC ROCK ISLAND, IL	Nov 06	C-FP	MTD INC, GREENEVILLE, TN	Mar 07	Mar 08	YES	
BSU-85										
200	10,790	1,954.27	JMC ROCK ISLAND, IL	Dec 04	C-FP	GENERAL DYNAMICS, TX	May 06	Feb 08	YES	
200	4,986	2,114.45	JMC ROCK ISLAND, IL	Dec 07	C-FP	TBD	Feb 08	Jan 09	YES	
200	5,000	2,114.20	JMC ROCK ISLAND, IL	Dec 08	C-FP	TBD	Feb 09	Jan 10	YES	
BSU-86										
200	15,666	1,377.40	JMC ROCK ISLAND, IL	Jan 07	C-FP	CAPCO INC.	Apr 07	Apr 08	YES	
200	9 6,138	1,493.35	JMC ROCK ISLAND, IL	Jan 09	C-OPTION	TBD	Jan 09	Jul 09	YES	
DUAL MODE LGB										
200	2,150	10,200.00	NAVAIR	Jun 07	C-OPTION	LOCKHEED MARTIN CORPORATION, ARCHBALD, PA	Jun 07	Apr 08	YES	
Fuzes										
200	7 4,224	2,835.00	JMC ROCK ISLAND, IL	Mar 07	C-FP	TBD	Nov 07	Aug 10	YES	
200	8 1,500	2,100.00	JMC ROCK ISLAND, IL	Mar 08	C-FP	TBD	Jul 08	Feb 09	YES	
200	9 3,000	1,927.00	JMC ROCK ISLAND, IL	OPTION	C-FP	TBD	Nov 08	Jul 09	YES	
MK 77 BOMBS										
200	6 424	4,469.34	JMC ROCK ISLAND, IL	Jul 06	C-OPTION	MCALESTER ARMY AMMUNITION PLANT, MCALESTER, OK	Jul 06	Jun 07	YES	
200	9 671	4,952.89	JMC ROCK ISLAND, IL	Feb 09	C-OPTION	TBD	Feb 09	Aug 09	YES	
MK 83 CONICAL FINS										
200	2,373	274.70	JMC ROCK ISLAND, IL	Jan 07	C-OPTION	MTD INC, GREENEVILLE, TN	Jan 07	May 08	YES	

BUDGET PROCUREME	NT HISTORY	AND PLANNIN	IG EXHIBIT (P-5A)		Weapon S	ystem			A. DATE February	2008
B. APPROPRIATION/B	UDGET ACT	TIVITY				C. P-1 ITEM NOMENCLATU	RE			SUBHEAD
PROCUREMENT OF AM	IMUNITION,	NAVY & MARIN	IE CORPS\BA 1			014500, GENERAL PURPOS	E BOMBS			J1Q2
Cost Element/FiscalYear	Qty	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
Multi-Mode Direct Attack Moving Target										
2008	200	13,700.00	NAVAIR	Nov 05	C-FP	TBD	Apr 08	Apr 09	N0	
2009	2,758	13,000.00	NAVAIR	OPTION	C-FP	TBD	Jan 09	Aug 09	N0	

BUDGET PRODUCTION SCHEDULE	E, P21																	DATE		Februa		80								
APPROPRIATION/BUDGET ACTIVITY	Y												,	Weapo	n Syste	em		P-1 IT	EM NOM	ENCLAT	JRE									
PROCUREMENT OF AMMUNITION,	NAVY &	MAR	INE CO	RPS														01450	0, GENE	RAL PUR	POSE	вом	BS							
								Produ	ction Ra	te							ocureme	ent Lea												
Item			Manufact me and L		n	MS	R	1-8-5		MAX			LT Prio		,	ALT Aff Oct 1			Initial Mfg PL			Reorde <u>Mfq PL</u>			Total				Jnit of leasure	
DUAL MODE LGB			D MART D, PA	IN,		150	00	4000		8000						9			8			10			19				E	
										FISC	AL YEAI	R 2007	7									FISC	CAL YE	EAR 20	008					
ITEM / MANUFACTURER	F	s	Q	D	В	2006							CALI	ENDAF	YEAR	2007								CALEN	IDAR YI	EAR 200	8			
	Y	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	N N	J U	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 L	A U G	S E P	B A L
Dual Mode LGB																														
Lockheed Martin	06	Ν	5217	0	5217			Α								652	652	652	652	652	652	652	653							0
Lockheed Martin	07	N	2150	0	2150									Α										358	358	358	358	358	360	0
										FISC	AL YEAI	R 2009)								•	FISC	CAL YE	AR 20	110		•			
ITEM / MANUFACTURER	F	s	Q	D	В	2008							CALI	ENDAF	YEAR	2009								CALEN	IDAR YI	EAR 201	0			
	Y	C	T 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	U U	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
						1																1	1							

arks: MONTHLY DELIVERIES VARY DEPENDING ON JOINT SERVICE REQUIREMENTS. The MSR represents the rate for joint service procurements.

DD Form 2445, JUL 87 CLASSIFICATION: Previous editions are obsolete

UNCLASSIFIED 311 / 244

	499ILIED																DATE									E	bruary	, 2000	
APPROPRIATION/BUDGET ACTIV	VITY											1	Weap	on Sys	tem		P-1 ITE									ге	bruary	2006	
PROCUREMENT OF AMMUNITIO	ON, NAVY & MARINE	COR	28														014500,		al Purpe	ose Bor	nbs								
						ļ	P	Production	Rate								nent Lea												
14			facturer's				MSR	400	_				LT Prior		ALT Afte	r		Initial //fg PLT			Reorde			T-4-1				Unit of	
Item BLU-109	MCALESTER AAP		nd Location			<u> </u>	120	1-8-5 480)	1200	\X	T.	o Oct 1		Oct 1		, r	/itg PL1			Mfg PL [*]	ı		Total 17		+		Measure E	
BLU-111	MCALESTER AAP						14400	28800		57600					4			17			8			12		+		Ē	
BSU-86	CAPCO, CO						7200	12000	$\overline{}$	36000					4			12			17			21		 		Ē	
BSU-86	TBD						7200	12000	\neg	36000					4			12			6			10		t		Ē	
BSU-85	General Dynamics,	TX	-				7200	12000	\neg	36000					5			24			11			16				Е	
BLU-110	MCALESTER AAP		•				8400	16680		33360					5			17			13			18				Е	
Fuzes	TBD						12000	24000		30000					2			12			8			10				Е	
								FISC	AL YE	AR 200	7										F	ISCAL Y							
ITEM / MANUFACTURER	F	S	Q	D	В	2006			<u> </u>				CALEND	AR YE	AR 2007	,							CALEND		AR 2008	3			
1	Υ	V	Т	E	Α	0	N	D	J	F	M	Α	M J	J	Α	S	0	N	D	J	F	M	Α	M	J	J	Α	S	В
		С	Y	L	L	С	0	E	Α	E	Α	Р	A U	U	U	Е	С	0	E	Α	Е	Α	Р	Α	U	U	U	E	Α
				<u> </u>		Т	V	С	N	В	R	R	Y N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	L
BLU-109				<u> </u>		↓			<u> </u>																				
MCALESTER PLUI 440	08	N	600	0	600				└											Α				1	 	\perp			600
BLU-110		l				 _ 			<u> </u>					-										1	 	\perp			—
MCALESTER	05	N	6,765	2063	4,702	819			71		802	18		-		353			1196		1161	1602	743		<u> </u>	└─ ─	 		0
MCALESTER	06	N	1,995	0	1,995	↓			└					-										1	 	₽	 		1,995
MCALESTER	07	N	2,527	0	2,527				-	Α				<u> </u>											<u> </u>	₽!	├	<u> </u>	2,527
MCALESTER	08	N	2,833	0	2,833	↓			<u> </u>												Α								2,833
BLU-111		l		<u> </u>					└					-										1	 	\perp			L
MCALESTER	06	N	4,756	0	4,756	↓			<u> </u>					-											<u> </u>	└─ ─	 		4,756
MCALESTER	07	N	1,876	0	1,876				Α																				1,876
MCALESTER	08	N	4,602	0	4,602				1											Α									4,602
BSU-85		1																								1	1		1
	٥٢		10.700		10.700	+	\rightarrow		-												E70	E70	904	004	864	1152	904	904	4 400
GENERAL DYNAMICS	05	N	10,790	0	10,790									-	 						576	576	864	864	804	1152	864	864	4,166
TBD	08	N	4,986	0	4,986				<u> </u>												Α								4,986
BSU-86				<u> </u>					L'																			1	
CAPCO, CO	05	N	2,926	0	1,969	↓		17	<u> </u>								940	655	828	486			4205	4005	4205	4205	4005	4205	0
CAPCO, CO	07	N	15,666	0	15,666				 '			Α											1305	1305	1305	1305	1305	1305	7,836
FUZES			 	 '																						lacksquare			
TBD	07	N	4,224	0	4,224													Α								1			4,224
		-																						-		-			
TBD	08	N	1,500	0	1,500	lacksquare			Щ'	FIGOR	. \/E A											10041 1	EAD 00	10		Α			1,500
			1 !	1 '						FISCA	L YEA	R 2009	9									ISCAL Y	EAR 20	10					4
ITEM / MANUFACTURER	F	S	Q	D	В	2008			i				CALEND	AR YE	AD 2000)							CALEND	AR YE	EAR 2010	J			
	Y	V	Т	E	Α									,	AR ZUUS													S	В
					, ,	0	N	D	J	F	M	Α	M J	J	Α	S	0	N	D	J	F	M	Α	M	J	J	Α		
		С	Υ	Ĺ	Ĺ	C	N O	E	Α	E	Α	Р	A U		A U	E	O C	0	E	Α	E	Α	Р	M A	Ü	Ŋ	U	E	Α
		С	Y											J	Α										-			E P	
BLU-109		С	Y					E	Α	E	Α	Р	A U	J	A U	E		0	E	Α	E	Α	Р		Ü		U		
MCALESTER	08	N	600	L 0	600			E	A N	E	Α	P R	A U	J U L	A U	E		0	E	Α	E B	A R	P R	A Y	U N	U L	U G	Р	A L
MCALESTER MCALESTER	08 09		·	L	L			E	Α	E B	A R	P R	A U Y N	J U L	A U G	E P	C T	O V	E C	A N	E	Α	Р		Ü		U		A L
MCALESTER MCALESTER BLU-110	09	N N	600	0 0	600 808			E	A N	E B	A R	P R 50	A U Y N	J U L	A U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	Р	0 272
MCALESTER MCALESTER BLU-110 MCALESTER	09 06	N N	600 808 1,995	0 0	600 808 1,995			E	A N	E B	A R	P R 50	A U Y N	J U L	A U G	E P	C T	O V	E C	50	E B 67	A R 67	P R 67	A Y	U N	U L	U G	Р	0 272
MCALESTER MCALESTER BLU-110 MCALESTER MCALESTER	09 06 07	N N N	600 808 1,995 2,527	0 0 0	600 808 1,995 2,527			E	A N	E B	50	50 112	A U Y N	J U L	A U G	E P	C T	O V	E C	A N	E B 67	A R	P R	A Y	U N	U L	U G	Р	0 272 0 0
MCALESTER MCALESTER BLU-110 MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER	09 06 07 08	N N N N	600 808 1,995 2,527 2,833	0 0 0 0	600 808 1,995 2,527 2,833			E	A N	50	A R	50 112	A U Y N	J U L	A U G	E P	C T	O V	E C	50	E B 67	67 280	P R 67 281	67	0 N 67	0 L	0 G 67	Р	0 272 0 0 0
MCALESTER MCALESTER BLU-110 MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER	09 06 07	N N N	600 808 1,995 2,527	0 0 0	600 808 1,995 2,527			E	A N	E B	50	50 112	A U Y N	J U L	A U G	E P	C T	O V	E C	50	E B 67	A R 67	P R 67	A Y	0 N 67	0 L	U G	Р	0 272 0 0
MCALESTER MCALESTER BLU-110 MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER BLU-111	09 06 07 08 09	N N N N N	600 808 1,995 2,527 2,833 4,383	0 0 0 0 0	600 808 1,995 2,527 2,833 4,383			E	A N	50	50	P R 50 112 999	50 50 1368 515	J U L	A U G	E P	C T	O V	E C	50	E B 67	67 280	P R 67 281	67	0 N 67	0 L	0 G 67	Р	0 272 0 0 0 0
MCALESTER MCALESTER BLU-110 MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER BLU-111 MCALESTER	09 06 07 08 09	N N N N N N	600 808 1,995 2,527 2,833 4,383 4,756	0 0 0 0 0 0	600 808 1,995 2,527 2,833 4,383			E	A N	50	50	P R 50 112 999	A U N N 50 50 50 1368 515 2106	J U L	A U G	E P	C T	O V	E C	50	E B 67	67 280	P R 67 281	67	0 N 67	0 L	0 G 67	Р	0 272 0 0 0 0
MCALESTER MCALESTER BLU-110 MCALESTER	09 06 07 08 09	N N N N N N	600 808 1,995 2,527 2,833 4,383 4,756 1,876	0 0 0 0 0 0	600 808 1,995 2,527 2,833 4,383 4,756 1,876			E	A N	50	50	P R 50 112 999	50 50 1368 515	J U L	A U G	E P	C T	O V	E C	50	E B 67	67 280	P R 67 281	67	0 N 67	0 L	0 G 67	Р	0 272 0 0 0 0 0
MCALESTER MCALESTER BLU-110 MCALESTER	09 06 07 08 09 06 07 08	N N N N N N	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602	0 0 0 0 0 0 0	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602			E	A	50	50	P R 50 112 999	A U N N 50 50 50 1368 515 2106	J U L	50 50 2002	50	50 50	O V	E C	50	E B 67	67 280	P R 67 281	67	0 N 67	0 L	0 G 67	Р	0 272 0 0 0 0 0
MCALESTER MCALESTER BLU-110 MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER BLU-111 MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER	09 06 07 08 09	N N N N N N	600 808 1,995 2,527 2,833 4,383 4,756 1,876	0 0 0 0 0 0	600 808 1,995 2,527 2,833 4,383 4,756 1,876			E	A N	50	50	P R 50 112 999	A U N N 50 50 50 1368 515 2106	J U L	50 50 2002	E P	C T	O V	E C	50	E B 67	67 280	P R 67 281	67	0 N 67	0 L	0 G 67	Р	0 272 0 0 0 0 0
MCALESTER MCALESTER BLU-110 MCALESTER	09 06 07 08 09 06 07 08 09	N N N N N N N	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357	0 0 0 0 0 0 0	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357	CT	O V	E C	A N A	50	50	P R 50 112 999	A U N N 50 50 50 1368 515 2106	J U L	50 50 2002	50	50 50	O V	E C	50	E B 67	67 280	P R 67 281	67	0 N 67	0 L	0 G 67	Р	0 272 0 0 0 0 0
MCALESTER MCALESTER BLU-110 MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER BLU-111 MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER MCALESTER	09 06 07 08 09 06 07 08	N N N N N N	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602	0 0 0 0 0 0 0	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602		O V	E	A	50 A	50 1834	P R 50 112 999 2650	A U N N 50 50 50 1368 515 2106	J U L	50 50 2002	50	50 50	O V	E C	50	E B 67	67 280	P R 67 281	67	0 N 67	0 L	0 G 67	Р	0 272 0 0 0 0 0
MCALESTER MCALESTER BLU-110 MCALESTER BSU-85 GENERAL DYNAMICS TBD TBD	09 06 07 08 09 06 07 08 09 08 09	N N N N N N N N	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357	0 0 0 0 0 0 0 0	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357	CT	O V	E C	A N A A 998	50 A	50 1834	P R 50 112 999 2650	A U N N 50 50 50 1368 515 2106 1000 876	J U L	50 50 2002	50	50 50	O V	E C	50 11111	E B 67	A R 67 280 730	P R 67 281	67 730	0 N 67	67 730	0 67 733	Р	0 272 0 0 0 0 0 0
MCALESTER MCALESTER BLU-110 MCALESTER BSU-85 GENERAL DYNAMICS TBD TBD BSU-86	09 06 07 08 09 06 07 08 09 05 08 09	N N N N N N N N N N N N N N N N N N N	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357 10,790 4,986 5,000	0 0 0 0 0 0 0 0 0 0 0 0	1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357 4,166 4,986 5,000	C T	0 V	E C	A N A A 998 831	50 A A 831 A	A R 50 50 1834	P R 50 112 999 2650	A U N N 50 50 50 1368 515 2106 1000 876	J U L	50 50 2002	50	50 50	O V	E C	50 11111	67 855	A R 67 280 730	P R 67 67 281	67 730	0 N 67	67 730	0 67 733	Р	A L O O O O O O O O O O O O O O O O O O
MCALESTER MCALESTER BLU-110 MCALESTER BSU-85 GENERAL DYNAMICS TBD TBD TBD TBD TBD CAPCO, CO	09 06 07 08 09 06 07 08 09 06 07 08 09 07	N N N N N N N N N N N	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357 10,790 4,986 5,000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357 4,166 4,986 5,000 7,836	C T	O V	E C	A N A A 998 831	50 A A 831 A	A R 50 50 1834	P R 50 112 999 2650	A U N N 50 50 50 1368 515 2106 1000 876	50 2600	50 50 2002	50 50 1634	50 50 1723	50 50	50 50	50 11111 715	67 855	A R 67 280 730 715	P R 67 281 730 715	A Y 67 730 715	0 N 67 730	67 730	0 67 733	Р	0 272 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
MCALESTER MCALESTER BLU-110 MCALESTER BSU-85 GENERAL DYNAMICS TBD TBD BSU-86	09 06 07 08 09 06 07 08 09 05 08 09	N N N N N N N N N N N N N N N N N N N	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357 10,790 4,986 5,000	0 0 0 0 0 0 0 0 0 0 0 0	1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357 4,166 4,986 5,000	C T	0 V	E C	A N A A 998 831	50 A A 831 A	A R 50 50 1834	P R 50 112 999 2650	A U N N 50 50 50 1368 515 2106 1000 876	50 2600	50 50 2002	50	50 50 1723	50 50	50 50	50 11111	67 855	A R 67 280 730 715	P R 67 67 281	A Y 67 730 715	0 N 67 730	67 730	0 67 733	Р	0 272 0 0 0 0 0 0 0 0 0 0
MCALESTER MCALESTER BLU-110 MCALESTER BSU-85 GENERAL DYNAMICS TBD BSU-86 CAPCO, CO TBD FUZES	09 06 07 08 09 06 07 08 09 05 08 09 07 07	N N N N N N N N N N N N N N N N N N N	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357 10,790 4,986 5,000 15,666 6,138 4,224	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357 4,166 4,986 5,000 7,836 6,138 4,224	C T	0 V	E C	A N A A 998 831	50 A A 831 A 1305	A R 50 50 1834	P R 50 112 999 2650	A U N N 50 50 50 1368 515 2106 1000 876	50 2600	50 50 2002	50 50 1634	50 50 1723	50 50	50 50	50 11111 715	67 855	A R 67 280 730 715	P R 67 281 730 715	A Y 67 730 715	0 N 67 730	67 730	0 67 733	Р	A L 0 272 0 0 0 0 0 0 0 0 0 0 0 1,177
MCALESTER MCALESTER BLU-110 MCALESTER BSU-85 GENERAL DYNAMICS TBD TBD TBD TBD TBD TBD TBD FUZES	09 06 07 08 09 06 07 08 09 06 07 08 09 05 08 09 07 09	N N N N N N N N N N N N N N N N N N N	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357 10,790 4,986 5,000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	600 808 1,995 2,527 2,833 4,383 4,756 1,876 4,602 3,357 4,166 4,986 5,000 7,836 6,138	C T	0 V	E C	A N A A 998 831	50 A A 831 A	A R 50 50 1834	P R 50 112 999 2650	A U N N 50 50 50 1368 515 2106 1000 876	50 2600	A U G G 50 50 50 511	50 50 1634	50 50 1723	50 50	50 50	50 11111 715	67 855	A R 67 280 730 715	P R 67 281 730 715	A Y 67 730 715	0 N 67 730	67 730	733	Р	0 272 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

DD Form 2445, JUL 87

BUDGET PRODUCTION SCHE	DULE,	P-21																DATE									FEB	RUAR	Y 2008	
APPROPRIATION/BUDGET ACT PROCUREMENT OF AMMUNIT		AVY 8	& MARINE (CORPS	1									Weap	on Sys			01450	00, Gei		NCLA Purpos									
							F	roductio	n Rate)		L .						nent Lea												
Item			Manufact Name and L		1	N	SR	1-8		M	AX		LT Pri to Oct			ALT At	1		Initial Mfg PL	Т		Reorder Mfg PLT			Total				Unit of Aeasure	
FMU-139 Fuze			ATK, Rocke	et Cente	er, WV	12	,000	24,0	000	74,	400					8			23			17			25				E	
			KDI, OH			24	100	456	00	744	100					6			18						24				E	
Multi-Mode Direct Attack Target			TBD			Т	BD	ТВ	D	TE	BD.					4			12			7			11				E	
									Fisca	l Year	2007											Fisc	al Year	2008						
ITEM / MANUFACTURER	F	S	Q	D	В	2006						. (CALEN	DAR '	YEAR	2007								CALE		/EAR 20	28			
	Y	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	U U	U	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	U L	A U G	S E P	B A L
FMU-139 Fuze																														
KDI (1)	03	N	33,322	0	33,322																2500		5000	2500	5000		5000	5000	8322	0
ATK(2)	05	Ν	9,164	0	9164																				1871	2500		2500	2293	0
ATK(3)	06	Ν	7,034	0	7034								Α																	7,034
Multi-Mode Direct Attack Target			, , , , ,																											,
TBD	08	N	200	0	200																			Α						200
																													ļ	
																														
	1_		_							FIS	CAL Y	EAR :								1	1		FISCA	L YEAR						
ITEM / MANUFACTURER	F Y	S V	Q T	D E	B A	2008						I	C.	ALENL	JAR Y	EAR 20		1						CALE		/EAR 20	10			В
	l '	Č	Ý	Ĺ	Ĺ	0	N	D	J	F	M	Α	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	Α	S	A
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	L
FMU-139 Fuse																														
ATK(3)	06	N	7,034	0	7,034	2000	2000	2000	1034																					0
Multi-Mode Direct Attack Target																													ļ	
TBD TBD	08 09	N	200 2,758	0	200 2,758				Α			50	50	50	50	229	229	229	229	229	220	229	220	229	229	229	239			0
100	03		2,750	U	2,750				^							223	225	223	223	ZZS	223	223	223	223	223	225	200			U
																														
	1				-	1						-	-		1												-			-
																														
	I				1	1								1	1			-												
			DEDENIDING															I			l									

Remarks: MONTHLY DELIVERIES VARY DEPENDING ON JOINT SERVICE REQUIREMENTS.

DD Form 2445, JUL 87 Previous editions are obsolete CLASSIFICATION:

311/24 UNCLASSIFIED

^{1.} Deliveries on the KDI contract for FMU-139 have been delayed. The contract was initially awarded for the FMU-139B/B configuration, but subsequently modified to procure the FMU-139C/B configuration via an ECP. KDI had to qualify the C/B configuration, leading to the delivery schedule slip.

^{2.} ATK deliveries are delayed due to FAT failure. FAT has restarted and the delivery schedule adjusted.

^{3.} Qty changes are due to procurement of the FZU-61 accessory kit needed for the FMU-139 fuze.

BUDGET PRODUCTION SCHED		-21																DATE					FEBR	UAR	Y 2008				
PPROPRIATION/BUDGET ACTI ROCUREMENT OF AMMUNITION		/Y & I	MARINE	CORPS			-						V	/eapon Sy	stem			P-1 ITE	EM NC	OMENC	CLATU	RE	014	500, G	ENERAI	PURI	POSE	BOMBS	
								Produ	uction R	ate								Leadtin	nes										
Item				acturer's		N	MSR	1-8	3-5		MAX		ALT Pri to Oct		А	LT Afte Oct 1	r		Initial	г		Reorde Mfg PL			Total			Uni Mea	it of sure
LU-111			R AAP, OK				14400	28800		57600						4			17			14			18				Е
LU-110	MCAL	ESTER	R AAP, OK	(8400	16680		33360						5			17			13			18				E
SU-86	TBD															4			12			6			10				E
ulti-Mode Direct Attack Target	TBD						TBD	TBD		TBD						4			12			7			11				E
_U-109	MCAL	ESTE	R AAP, OK	(120	480		1200						4			13			13			17				E
			0	_	_				1	FIS	SCAL YEAR									-		FI	SCAL YE						
ITEM / MANUFACTURER	F	S	Q	D	В	2010				-				AR YEAR 2						_					AR YEAR				
	Υ	V C	T Y	E L	A L	O C T	N O V	D E C	A N	E B	M A R	A P R	M A Y	N N	J U	U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P R	M A Y	U U	J U	U	S E P
IZES						+ '	V	C	IN	В	K	K	Y	N	L	G	Р		V	C	N	В	K	K	Y	IN		G	Р
TBD	07	N	4,224	3047	1,177		1177																						
LU-109																													
MCALESTER	09	N	808	536	272	67	67	67	71																				
	-																												
	+ -																												
ITEM / MANUEL OT UDED		•			_			•			FISCAL YE	EAR 2013																	
ITEM / MANUFACTURER	F Y	S V	Q T	D E	B A	2012 O	N	D		F	M	Α	M	ndar Year .I	2013 J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S
	l '	č	Ϋ́	Ĺ	Ĺ	c	Ö	E	A	Ė	A	P	A	Ü	Ü	Û	E	C	Ö	E	A	E	A	P	A	Ü	Ü		E
						Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L		Р
						1												-1											
																					-1			1					
	+																	-						1					
							1	1				1	11.		. —	. —			-						1	1			

DD Form 2445, JUL 87 Previous editions are obsolete CLASSIFICATION:

311/244 UNCLASSIFIED

P-1 Line Item No.1 Exhibit P-21, Production Schedule (Page 9 of 9) (Exhibit P-21, page 9 of 9)

CLASSIFICATION: UNCLASSIFIED	DUDO	CT ITCM	LUCTIE	I A TION	CHEET						
	RODG	ELILEN	JUSTIF	ICATION	SHEET					DATE:	
			P-40							February 2	2008
APPROPRIATION/BUDGET ACTIVI	TY				P-1 ITEM	NOMENCL	ATURE				
PROCUREMENT OF AMMUNITION	, NAVY & MAR	NE CORP	S\BA 1		014800,	JOINT D	IRECT A	TTACK N	JUNITIO	V (JDAM)	
Program Element for Code B Items:							Other Rela	ated Progra	m Element	s:	
							0204162N	· ·			
										To	Total
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY2013	Complete	Program
Quantity	53,950	Α	3,324	1,357	169	0	0	0	0	0	58,800
Cost (\$M)	\$1,231.5	Α	\$86.6	\$38.4	\$9.3	\$2.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1,367.8
Initial Spares (\$M)											
Total (\$M)	\$1,231.5		\$86.6	\$38.4	\$9.3	\$2.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1,367.8
Unit Cost (\$M)	0.023		0.026	0.028	0.055						0.023
								_			
DERF Quantity - Non Add	7,890										7,890
DERF Dollars - Non Add	161.1										161.1

MISSION AND DESCRIPTION:

Operation Desert Storm confirmed the need for a more accurate weapon delivery capability in adverse weather conditions and from medium/high altitudes. Failure to satisfy this requirement will allow the enemy to continue to take advantage of the sanctuary of weather and/or prevent US air power from prosecuting a conflict on its terms. JDAM is an Air Force and Navy munitions program to correct these shortfalls, with the Air Force as the executive service. JDAM upgrades the existing inventory of general purpose bombs (MK 84, BLU-109/B, MK83, BLU-109, BLU-126, and MK82) by integrating them with a guidance kit consisting of a global positioning system aided inertial navigation system (GPS/INS). JDAM provides an accurate (13 meters) adverse weather capability that is integrated on the B-52, B-2, B-1B, F-16, F/A-18C/D/E/F, F-14, F-15E, F-22, A-10, and AV-8B. The Navy is responsible for fielding a JDAM All-Up-Round (AUR) system; procuring components as required to satisfy that system (tail kits, airborne test equipment, cables, and support equipment). FY07 through FY09 reflect quantities necessary to meet Non Nuclear Ordnance Requirements (NNOR). Reduced procurement quantities beginning in FY08 are driven by a change in NNOR. Selective Availability Anti-Spoofing Module (SAASM) is incorporated into production lots beginning with FY05. Boeing Production Price Commitment Curve (PPCC) Pricing Agreement ends in Lot 11 (FY07). Pricing for Lots 12-17 have been renegotiated.

The total production buy for JDAM is 201,689 units (142,889 for USAF and 58,800 for Navy, not including any DERF). There is no requirement for initial spares because of the 20-year warranty.

FY07, FY08, and FY09 provide funding to procure JDAM tailkits, Engineering Change Orders (ECOs), airborne test equipment and associated support. In addition, \$4.8M of FY07 funding supports the production verification of the Laser JDAM program to support a Rapid Deployment Capability (RDC). 200 units were procured under BLI 0145000 (General Purpose Bombs).

- 1. FY2007 funding total includes \$1.0M Congressional Add for IMU Production Facility Sustainment.
- 2. FY2008 funding total includes \$5.0M received in the 2008 Consolidated Appropriation Act, Division L which will procure 212 additional MK82 JDAM tailkits.
- 3. FY2008 funding totals do not include \$5.0M previously requested for current FY2008 GWOT requirements.

P-1 Line Item No. 2 (Page 1 of 5)

Exhibit I	P-5 Cost Analysis					Weapon Sys	stem			DATE:	Fel	oruary 2008
APPRO	PRIATION/BUDGET ACTIVITY					ID Code	P-1 ITEM NC	MENCLATUR	E/SUBHEAD	1		,
PROCU	REMENT OF AMMUNITION, NAVY & MARIN	E CORPS	S/BA 1			Α	014800	Joint Dire	ct Attack	Munition	(JDAM)	
			ALL COSTS IN	THOUSAN	OS OF DOL	LARS	•				,	
COST	ELEMENT OF COST	ID	Prior		FY2007			FY2008			FY2009	
CODE		Code	Years Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
JD100	AIR VEHICLE	A	1,083,765	3,324	22.158	73,653	1,357	22.176	30,093	169	23.019	3,890
JD100	ENGINEERING CHANGE ORDERS (ECO)		3,841	-,-		1,200			750			250
JD200	FUZES	Α	36,842			0			0			0
JD300	WARHEAD Total Recurring Flyaway		28,576 1,1 53,024	3,324	22.158	74,853	1,357	22.176	30,843	169	23.019	4,140
	Total resulting riyaway		1,100,024	0,024	22.100	1 4,000	1,001	22.170	00,040	100	20.010	4,140
JD100	AIRBORNE TEST EQUIPMENT		5,382			35			530			121
JD100	CONTRACTOR INCENTIVE		10,268			709			301			39
JD100	SCHEDULE ACCELERATION		888			0			0			0
JD700 JD830	CABLES		720			5 405			5 220			0
JD830 JD840	PRODUCTION TECH SUPPORT (1)		40,674			5,105 5,272			5,239			3,491
JD840 JD850	PRODUCTION TEST (2) DATA		6,179			5,272			738			742
3D630	Total Non-Recurring		64,111	0	0	11,121	0	0	6,808	0	0	4,393
	Total Weapon Flyaway		1,217,135	3,324	22.158	85,974	1,357	22.176	37,651	169	23.019	8,533
JD920	DATA (TECHNICAL)		271			0			59			61
JD940	LOAD / BUILDUP TRAINERS		857			0			0			0
JD960	TEST EQUIPMENT		4,340			0			0			0
JD970	INTEGRATED LOGISTICS SUPPORT (ILS)		8,029			621			592			606
JD990	TRAINING		<u>841</u>			<u>0</u>	!		<u>104</u>			<u>106</u>
	Total Fleet Support		14,338	0	0	621	0	0	755	0	0	773
	Total Weapon System		1,231,473	3,324	22.158	86,595	1,357	22.176	38,406	169	23.019	9,306
	Initial Spares											
	Total Program Cost		1,231,473	3,324	22.158	86,595	1,357	22.176	38,406	169	23.019	9,306

Notes:

- (1) FY07 includes Congressional Add of \$1.0M for IMU Production Facility Sustainment.
- (2) FY07 Production Test includes \$4.8M to support Rapid Deployment Capability of LJDAM.

Totals may not add due to rounding

DD FORM 2446, JUN 86

CLASSIFICATION:

UNCLASSIFIED

ENT HISTO	DRY AND I	PLANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
							Februa	ry 2008	
ACTIVITY	ON NAVO	A MARINE CORRE	ND A 4					SUBHEAD	
MIMONITI	ON, NAVY	& MARINE CORPS	6/BA1		Joint Direct Attack Mil	inition			
QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	FIRST	DATA	DATE REVISIONS AVAILABLE
3,324	22.158	USAF Eglin AFB, FL	Oct-06	SS/Option	MCDONNELL DOUGLAS CORP, SAINT LOUIS, MO	Nov 06	Mar 08	Yes	
1,357	22.176	USAF Eglin AFB, FL	Jun-07	SS/FFP	MCDONNELL DOUGLAS CORP, SAINT LOUIS, MO	Mar 08	Mar 09	Yes	
		LIGAE			MCDONNELL DOLIGLAS				
169	23.019	Eglin AFB, FL	Oct-08	SS/Option	CORP, SAINT LOUIS, MO	Mar 09	Mar 10	Yes	
,	QUANTITY 3,324	QUANTITY UNIT COST (000) 3,324 22.158	QUANTITY QUANTITY QUANTITY UNIT COST (000) USAF Eglin AFB, FL USAF Eglin AFB, FL USAF USAF Eglin AFB, FL	AMMUNITION, NAVY & MARINE CORPS/BA1 QUANTITY UNIT COST (0000) LOCATION OF PCO RFP ISSUE DATE 3,324 22.158 USAF Eglin AFB, FL Oct-06 1,357 22.176 USAF Eglin AFB, FL Jun-07 USAF USAF USAF USAF	ACTIVITY AMMUNITION, NAVY & MARINE CORPS/BA1 QUANTITY UNIT COST (000) USAF Eglin AFB, FL USAF Eglin AFB, FL USAF USAF USAF USAF USAF USAF USAF USA	ACTIVITY AMMUNITION, NAVY & MARINE CORPS/BA1 QUANTITY QUANTITY UNIT COST (000) USAF Eglin AFB, FL USAF Eglin AFB, FL USAF USAF USAF USAF Eglin AFB, FL USAF USAF USAF USAF USAF USAF USAF USAF Eglin AFB, FL USAF USAF	ACTIVITY AMMUNITION, NAVY & MARINE CORPS/BA1 QUANTITY QUANTITY QUANTITY QUANTITY UNIT COST (000) QUANTITY OF PCO REP ISSUE DATE METHOD & TYPE AND LOCATION AWARD DATE AND LOCATION AWARD DATE AND LOCATION Nov 06 SS/Option MCDONNELL DOUGLAS CORP, SAINT LOUIS, MO Nov 06 USAF Eglin AFB, FL Jun-07 SS/FFP MCDONNELL DOUGLAS CORP, SAINT LOUIS, MO Mar 08	ACTIVITY AMMUNITION, NAVY & MARINE CORPS/BA1 QUANTITY QUANTITY QUANTITY QUANTITY AMMUNITION, NAVY & MARINE CORPS/BA1 CONTRACT COST (000) QUANTITY COST (000) QUANTITY COST (000) QUANTITY COST (000) CONTRACTOR AND LOCATION DATE CONTRACTOR AND LOCATION AWARD DATE DATE CONTRACTOR AND LOCATION AWARD DATE DATE DATE CONTRACTOR AND LOCATION AWARD DATE DATE DATE AMARD CORP, SAINT LOUIS, MO Nov 06 MAT 08 MAT 09 WCDONNELL DOUGLAS CORP, SAINT LOUIS, MO MAT 08 MAT 09	ACTIVITY AMMUNITION, NAVY & MARINE CORPS/BA1 QUANTITY QUANTITY QUANTITY UNIT COST (000) QUAY 3,324 22.158 QUAF Eglin AFB, FL QUAF USAF Eglin AFB, FL QUANTITY UNAF METHOD Oct-06 SS/Option CONTRACT METHOD METHOD AND LOCATION MCDONNELL DOUGLAS CORP, SAINT LOUIS, MO MCDONNELL DOUGLAS CORP, SAINT LOUIS, MO MAR 08 MAR 09 Yes MCDONNELL DOUGLAS CORP, SAINT LOUIS, MO MAR 08 MAR 09 Yes

D. REMARKS

Notes:

CLASSIFICATION:

UNCLASSIFIED

Totals may not add due to rounding

DD FORM 2446, JUN 86

Note 1: Boeing Production Price Commitment Curve (PPCC) Pricing Agreement ends in Lot 11 (FY07). Pricing for Lots 12-17 has been renegotiated.

Note 2: FY09 last year of procurement for Department of Navy

Note 3: FY08 quantity includes 212 units funded with \$5.0M from the Consolidated Appropriation Act, Division L.

FY 09 PRESIDENT'S BUDGE	T PROD	JUCTI	ON S	CHED	ULE, I	P-21												DATE		Februa	ry 2008	3								
APPROPRIATION/BUDGET A													W	eapon	Syste	em		P-1 I	ГЕМ N		NCLA									
PROCUREMENT OF AMM	<u> UNITIOI</u>	N, NA	VY &	MAF	RINE (CORP)14800), Join	t Dire	ct Atta	ck Mu	ınition	(JDAI	.M)		
							Pr	oducti	on Ra	ate*						Procu	remer	nt Lead	dtimes	i										
		Man	nufactu	ırer's								Α	LT Pri	or	Α	LT Aft	er		Initial			Reorde						Un	nit of	
Item		Name			n	MS	SR	EC	ON		AX	t	o Oct	1		Oct 1		١	/lfg PL	T		/lfg PL	Τ.		Total				asure	
JDAM		onnell		las		40	00	100	000	360	000		0			6			13			12			18			Е		
	St. Lo	ouis, N	ЛΟ																											
	+																													
	+	$\overline{}$					FISCAL YEAR 2007 FISCAL YEAR 2007 CALENDAR YEAR 2007										ISCAL Y	EAR 20	08					$lue{}$						
ITEM / MANUFACTURER	F	s	Q	D	В		2006 CALENDAR YEAR 2007											CALEN	DAR YE	AR 2008	3									
1	Υ	C V	T Y	E	A	0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	B A
			Y	-	L	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	Ĺ
JDAM - McDonnell Douglas	_																													†
Lot 10	06	N	3288	0	3288						300	200	200	200	200	300	288	400	300	500	200	200								0
Lot 10	06	AF	8205	0	8205						700	600	700	700	600	600	700	600	700	500	900	905							ļ	0
Lot 11	07	N	3324	0	3324		Α																600	700	600	500	200	300	200	224
Lot 11	07	AF	7261	0	7261		A																400	500	400	500	792	600	700	3369
Lot 12	08	N	1357	0	1357																		Α							1357
Lot 12	08	AF	3817	0	3817																		Α							3817
	$+\!-$	_									ISCAL V	EAR 20	00										ISCAL V	EAR 20	10		l			-
ITEM / MANUFACTURER	F	s	Q	D	В	200	08			'	IOOAL I	LAIN 20		LENDAR	YEAR	2009						'	IOUAL I			AR 2010)			
	Υ	V	Т	Е	Α	0	N	D		F	М	Α	м	1	1	A	S	0	N	D	J	F	М	Δ	м	1	, i	Α	S	В
		С	Υ	L	L	c	0	E	A	E	Α	Р	Α	Ü	Ü	U	E	С	0	E	Ā	E	Α	P	Α	Ü	Ü	U	E	A L
		<u> </u>				T	V	С	N	В	R	R	Υ	N	L	G	Р	T	V	С	N	В	R	R	Υ	N	L	G	Р	<u> </u>
Lot 11 Lot 11	07 07	N AF	3324 7261	3100 3892	224 3369	124 700	100 700	800	800	369				<u> </u>																0
Lot 12	08	N N	1357	0	1357	700	700	800	800	309	144	144	144	144	144	144	144	144	144	61									-	0
Lot 12	08	AF	3817	0	3817						282	282	282	282	282	282	282	289	349	333	436	436								0
Lot 13	09	N	169	0	169						Α												108	61						0
Lot 13	09	AF	3826	0	3826					-	Α			 									288	288	288	288	288	288	288	1810
4	ı		1	1	1	ı	1	1		1	1		1	i '		1	1					ľ	1			1		1	1 '	

DD Form 2445, JUL 87 Previous editions are obsolete CLASSIFICATION: UNCLASSIFIED

311 / 244

P-1 Line Item No. 2 (Page 4 of 5)

FY 09 PRESIDENT'S BUDGE			ON S	CHED	ULE,	P-21												DATE			brua									
APPROPRIATION/BUDGET A													Wea	apon	Sys	stem	l	P-1	ITE											
PROCUREMENT OF AMMUN	ITION, N	YVAI	& MA	RINE (CORF	_												<u> </u>), Jo	int D	Dire	t At	ack	Mur	nition	ı (JD	AM))
	1						Prod	uctio	on Ra	ate*									adtin											
			nufactu			١.,	0.0						ΤP			TA			Initial			eord							nit of	
Item				ocatio	n	_	SR	1-8		MA		to	Oc	: 1	'	Oct ·	1		fg PL	_		fg P	LI_		Tota		₩	Mea	asur	e
JDAM		onnell		ıas		40	00	100	00 .	360	00		0			6			13			12			18		₩	Е		
	St. Li	ouis, N	VIO																								\vdash			
																											\vdash			
-																														
									FIS	CAL	YEAR	R 201	1									FISC	CAL Y	ΈAR	2012					
ITEM / MANUFACTURER	F	S	Q	D -	В		2010					(CALE	NDAR	YEAF	R 201	1						CA	LEND	AR Y	EAR 2	.012			
	Υ	V C	T Y	E L	A L	O C	N O	D E	J	F E	M A	A P	M	J	J	A U	S E	O C	N O	D E	J A	F E	M	A P	M	J	J U	A U	S E	B A
						T	V	C	A N	В	R	R	A Y	N	L	G	Р	T	V	С	N	В	A R	R	A Y	N	L	G	P	L
Lot 13	09	N	169	169	0																									0
Lot 13	09	AF	3826	2016	1810	302	366	350	396	396																	<u> </u>			0
																											-			
																											-			
																											 			
																											Щ.			
ITEM / MANUEL OT LIDED			_	_	_					FISC	AL YE	EAR :					_													
ITEM / MANUFACTURER	F Y	S V	Q T	D E	B A		2012	_		-				NDAR						,		-					Ι.	۰	0	В
		C	Y	L	L	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	A
						Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	
																											 			
																											lacksquare			
																											\vdash			

DD Form 2445, JUL 87

311 / 244

negotiated.

Previous editions are obsolete

tem No. 2 CLASSIFICATION: UNCLASSIFIED Exhibit P-21, Production Schedule 5 of 5) (Exhibit P-21, page 5 of 5)

3E/1881118/111811	• · · · • <u> </u>	• • • • • • • • • • • • • • • • • • • •									
		E	BUDGET I	TEM JUST	ΓΙΓΙCAΤΙΟ	N SHEET	Г				DATE:
			P-40								February 2008
APPROPRIATION/B	UDGET ACTIV	ITY					P-1 ITEM N	OMENCLAT	URE		
PROCUREMENT OF	F AMMUNITION	I, NAVY & M	ARINE COR	PS\BA 1			015100, AIF	RBORNE RO	OCKETS AL	L TYPES	
Program Element for	Code B Items:						Other Relat	ed Program	Elements		
			1							1	
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity										Cont	Cont
Cost (\$M)	\$165.6	Α	\$31.8	\$30.1	\$32.3	\$48.2	\$50.0	\$50.7	\$51.5	Cont	Cont

MISSION DESCRIPTION:

Procurements are to establish an inventory of rocket components in accordance with the Non-Nuclear Ordnance Requirement (NNOR) and to maintain those inventory levels as training and combat usage occurs. 2.75" and 5.00" rockets are employed by both rotary and fixed wing platforms across several mission areas. Current employment typically includes the Close Air Support (CAS) and Military Operations in Urban Terrain Missions (MOUT).

The miscellaneous components provide for procurement of various rocket components not to exceed a total cost of 500K per year per component.

Product improvements address deficiencies in the safety, reliability, producibility and address the aircraft interface issues of Airborne Rocket Systems. Specific projects include reliability improvements, insensitive munitions improvements to the rocket motors, safety improvements to warheads, and improving the interface between the rocket launcher and the host platform.

Prior years figures reflect FY2001 to FY2006. FY2000 and prior are in the 2.75-inch rockets line.

FY07 provides funding to procure various warheads and rocket motors for both the 2.75" and 5.00" rockets.

FY08 provides funding to procure various warheads and rocket motors for both the 2.75" and 5.00" rockets.

FY09 provides funding to procure various warheads and rocket motors for both the 2.75" and 5.00" rockets.

FY2007 funding total includes \$15.553M received in GWOT supplemental.

Exhibit	P-5 Cost Analysis						Weapon Syst	em				DATE:
							AIRBORNE R	OCKETS, AL	L TYPES			February 200
APPRO	PRIATION/BUDGET ACTIVITY						P-1 ITEM NO	MENCLATUR	E			
PROCUR	REMENT OF AMMUNITION, NAVY & MARINE CORPS/BA	1					015100, AIRB	ORNE ROCK	ETS ALL TYPE	S		
l							Total Cost Do	llars in Thousa	ands			
Cost			5									
Code	Element of Cost	ID	Prior Years	077.4	FY 2007	· · · · ·	0777	FY 2008		0771	FY 200	
		Code	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost
Q5030	WTU-1/B INERT WARHEAD	Α	5,915				10,000	102.51	1,025	10,000	104.77	1,04
Q5040	MK 66 ROCKET MOTOR	Α	80,950	13,512	411.03	5,554	8,510	420.48	3,578	13,576	429.73	5,83
Q5041	*MK71 ROCKET MOTOR	Α	45,855	800	4,300.00	3,440	1,500	4,415.91	6,624	577	6,000.85	3,46
Q5080	*MK146 (M229) HE WARHEAD	Α	6,885	8,701	1,356.99	11,807	7,923	1,388.20	10,999	6,826	1,418.74	9,68
Q5090	MK149 (M255A1 FLECHETTE) WH	Α		3,328	1,095.11	3,645	2,500	1,120.29	2,801	4,760	1,144.94	5,45
Q5200	SMOKEY SAM	Α	2,067				3,466	141.75	491	3,398	144.87	49.
Q5895	*2.75" LAUNCHER	Α		125	8,400.00	1,050				110	7,281.82	80
Q5897	*WTU-11/B	Α		1,200	250.00	300	1,000	350.92	351	1,000	358.65	35
Q5800	INTEGRATED LOGISTICS SUPPORT (ILS)	Α	1,700			193			260			54
Q5830	*PRODUCTION ENG SUPPORT	Α	7,997			3,370			2,259			2,46
Q5850	PRODUCT IMPROVEMENT PROGRAM (PIP)	Α	7,087			1,784			1,256			1,46
Q5860	MISCELLANEOUS COMPONENTS	Α	1,409			100			99			10
Q5870	CONTAINERS	Α	4,465			453			275			44
Q5892	NON-STANDARD ITEMS	Α	160			40			40			4
Q5893	RENOVATION COMPONENTS	Α	1,067			60			60			6
ı												
	Total		165,557			31,796			30,118			32,25

BUDGET PROCUREMEN	NT HISTORY	AND PLANNIN	G EXHIBIT (P-5A)		Weapon S	ystem			A. DATE	
B. APPROPRIATION/BI	UDGET ACT	TIVITY			AIRBORNI	E ROCKETS, ALL TYPES C. P-1 ITEM NOMENCLA	TURE		February 2	SUBHEAD
PROCUREMENT OF AM	MUNITION.	NAVY & MARIN	E CORPS\BA 1			015100, AIRBORNE ROCK	ETS ALL 1	YPES		J1Q5
Cost Element/FiscalYear	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First	Specs Available Now	Date Revisions Available
Q5030 *WTU-1/B INERT WARHEAD										
2008	10,000	102.51	HUNTSVILLE	N/A	C-OPTION	GENERAL DYNAMICS ARMAMENT GENERAL DYNAMICS	05/08	11/09	YES	
2009	10,000	104.77	HUNTSVILLE	N/A	C-OPTION	ARMAMENT	05/09	11/10	YES	
Q5040 *MK 66 ROCKET MOTOR										
2005	25,000	387.41	HUNTSVILLE	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	04/05	10/06	YES	
2006	8,376	400.45	HUNTSVILLE	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	03/06	09/07	YES	
2007	13,512	411.03	HUNTSVILLE	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	04/07	10/08	YES	
2008	8,510	420.48	HUNTSVILLE	N/A	C-OPTION	GENERAL DYNAMICS ARMAMENT	04/08	10/09	YES	
2009	13,576	429.73	HUNTSVILLE	N/A	C-OPTION	GENERAL DYNAMICS ARMAMENT	04/09	10/10	YES	
Q5041 MK71 ROCKET MOTOR										
2006	2,665	4,231.98	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	03/06	11/07	YES	
2007	800	4,300.00	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	09/07	09/08	YES	
2008	1,500	4,415.91	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	03/08	03/09	YES	
2009	577	6,000.85	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	03/09	03/10	YES	

BUDGET PROCUREMEN	IT HISTORY	AND PLANNIN	G EXHIBIT (P-5A)		Weapon S	ystem			A. DATE	000
B. APPROPRIATION/BU	JDGET ACT	IVITY			AIKBOKN	E ROCKETS, ALL TYPES C. P-1 ITEM NOMENCLA	TURE		February 2	008 SUBHEAD
PROCUREMENT OF AM	MUNITION, I	NAVY & MARIN	E CORPS\BA 1			015100, AIRBORNE ROCK	(ETS ALL 1	YPES		J1Q5
Cost Element/FiscalYear	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First	Specs Available Now	Date Revisions Available
Q5080 MK146 (M229) HE WARHEAD					7.			,		
2006	3,600	1,298.56	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	01/06	01/07	YES	
2007	8,701	1,356.99	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	03/07	03/08	YES	
2008	7,923	1,388.20	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD NSWC INDIAN HEAD DIV,	03/08	03/09	YES	
2009 Q5090 *MK149 (M255A1	6,826	1,418.74	NAVAIR	N/A	PX	INDIAN HD MD	03/09	03/10	YES	
FLECHETTE) WH 2007	3,328	1,095.11	HUNTSVILLE	N/A	C-FFP	GENERAL DYNAMICS ARMAMENT	04/07	10/08	YES	
2008	2,500	1,120.29	HUNTSVILLE	N/A	C-OPTION	GENERAL DYNAMICS ARMAMENT	04/08	10/09	YES	
2009	4,760	1,144.94	HUNTSVILLE	N/A	C-OPTION	GENERAL DYNAMICS ARMAMENT	04/09	10/10	YES	
Q5200 SMOKEY SAM										
2008	3,466	141.75	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/08	04/09	YES	
2009	3,398	144.87	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/09	04/10	YES	
Q5895 2.75" LAUNCHER										
2007	125	8,400.00	NAVAIR	N/A	RX	NSWC INDIAN HEAD DIV, INDIAN HD MD	02/08	02/09	YES	
2009	110	7,281.82	NAVAIR	N/A	RX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/09	04/10	YES	

BUDGET PROCUREMEN	NT HISTORY	AND PLANNIN	G EXHIBIT (P-5A)		Weapon S	ystem E ROCKETS, ALL TYPES			A. DATE February 2	008
B. APPROPRIATION/B	UDGET ACT	TIVITY			All Column	C. P-1 ITEM NOMENCLA	TURE			SUBHEAD
PROCUREMENT OF AM	MUNITION,	NAVY & MARIN	E CORPS\BA 1	_	_	015100, AIRBORNE ROCK	ETS ALL T	YPES		J1Q5
Cost Element/FiscalYear	Qty	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
Q5897 WTU-11/B										
2007	1,200	250.00	NAVAIR	N/A	RX	NSWC INDIAN HEAD DIV, INDIAN HD MD	02/08	02/09	YES	
2008	1,000	350.92	NAVAIR	N/A	RX	NSWC INDIAN HEAD DIV, INDIAN HD MD	03/08	03/09	YES	
2009	1,000	358.65	NAVAIR	N/A	RX	NSWC INDIAN HEAD DIV, INDIAN HD MD	03/09	03/10	YES	

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

PPROPRIATION/BUDGET ACT		ſ											Wea	apor	า Sv:	sten	1	P_1	ITE	M NO	JME	NCL.		ŞΕ						
PROCUREMENT OF AMM			I, NA	VY 8	& MA	RIN	E C	ORI	PS/I	BA- 1	l			po.	•			0	1510	0,	AIR	BOR			KET	S, A	LL.	TYP	ES	
							Pro	ducti	on R	Rate					Р	rocu	reme		.eadt	imes	3									
Item	1		ufactu and L		n	MS	SR	EC	NC	MA	X		T P			LT A Oct			Initia Ifg Pl			Reord Ifg Pl			Tota	al			nit of easur	
			DYNA			3.6		300		552	· ·	10	6			7	<u> </u>		<u> </u>	- '		<u></u>	<u>- ' </u>		25			-1410	K	<u> </u>
	NSW		D 1117	WITOC	<u>, </u>	1.5		8		15			1			6						12			18				K	
	NSW					1.3		8		15			6			6						12			18				K	
25090 MK149 (M255A1 FLECH)			DYNA	MICS	:	0.3		5		15			5			7						18			25				K	
9000 MICT43 (M2007CT LEGIT)	OLIVI		DIIV	WIIOC		0.0				10												10			20				11	
									FISC	AL YE	AR 20											FISC	AL YE							
ITEM / MANUFACTURER	F Y	S V	Q T	D E	B A		2005						7	NDAR	I	{	Y	Ι				T	{	ENDA		{·····}	Γ	ı		В
	·	C	Ý	L	L	O C T	N O V	D E C	A N	F E B	M A R	A P R	M A Y	N U	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	NON		A U G	S E P	A L
5040 MK66 Rkt Mtr/Gen Dyn	05	N	25.0	0.0	25.0													5.7											19.3	0.0
5040 MK66 Rkt Mtr/Gen Dyn	06	N	8.4	0.0	8.4	ļ	1		ļ		Α			.ļ	ļ	<u> </u>	ļ	ļ					}	ļ					0.5	7.
5040 MK66 Rkt Mtr/Gen Dyn	07	N	13.5	0.0	13.5		 								ļ									Α						13.
5041 MK71 Rkt Mtr/NSWC IH	06	N	2.7	0.0	2.7	<u> </u>	1				Α				l	<u> </u>		t				ļ				l	l			2.
5041 MK71 Rkt Mtr/NSWC IH	07	N	0.8	0.0	0.8																								Α	0.
5080 MK146 (M229) HE WARHEAD	06	N	3.6	0.0	3.6		-		A												0.5	0.5	0.5	0.5	0.5	0.5	0.6			0.
5080 MK146 (M229) HE WARHEAD	07	N	8.7	0.0	8.7									-		-							Α							8.
5090 MK149 (M255A1 FLECH) WH	07	N	3.3	0.0	3.3																			Α						3.
														 																
ITEM / MANUFACTURER	F	S	Q	D	В	2			Τ	FISCA	L YEA			NDAR	YEAR	R 200	8					FISC	AL YE	AR 20 ENDA		AR 20	009			1
	Υ	V	Т	E	Α	0	N	D	J	F	М	Α	M	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	s	В
		С	Y	L	L	C T	0 V	E C	A N	E B	A R		A Y	U N	U L	U G	Ε	C T	0 V	E C	A N	E B	A R	P R	A Y	N N	U L	U G	E P	A L
5040 MK66 Rkt Mtr/Gen Dyn	06	N	8.4	0.5	7.9	0.5	0.5	0.5	0.5	0.5	1.0			1.0																0.
5040 MK66 Rkt Mtr/Gen Dyn	07	N	13.5	0.0	13.5		-						<u>. </u>	ļ		ļ	ļ	5.0	1.5	1.0	1.0	1.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
5040 MK66 Rkt Mtr/Gen Dyn	08	N	8.5	0.0	8.5							A		ļ	ļ	{	ļ <u>-</u>		}							{		ļ	·	8.
5040 MK66 Rkt Mtr/Gen Dyn	09	N	13.6	0.0	13.6																			Α						13
5041 MK71 Rkt Mtr/NSWC IH	06	N	2.7	0.0	2.7		1.3		1.4																					0.
5041 MK71 Rkt Mtr/NSWC IH	07	N	0.8	0.0	8.0		-							ļ		ļ	8.0												<u> </u>	0.
5041 MK71 Rkt Mtr/NSWC IH	08	N	1.5	0.0	1.5						Α		ļ	ļ		ļ	ļ						0.5	1.0	ļ	}			·	0.
5041 MK71 Rkt Mtr/NSWC IH	09	N	0.6	0.0	0.6		 						ļ					ļ					Α			}				0.
5080 MK146 (M229) HE WARHEAD	07	N	8.7	0.0	8.7						1.2	1.2	1.2	1.2	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.10								0
5080 MK146 (M229) HE WARHEAD	08	N	7.9	0.0	7.9	<u> </u>	\perp				Α		<u>. </u>	$\downarrow $	L_			<u> </u>						1.5	1.0	0.5	0.5	0.5	0.5	2.
5080 MK146 (M229) HE WARHEAD	09	N	6.8	0.0	6.8	ļ			ļ				ļ	-		}	ļ						Α			}	ļ			6.
5090 MK149 (M255A1 FLECH) WH	07	N	3.3	0.0	3.3	<u> </u>							<u> </u>	<u> </u>	<u> </u>	1	<u> </u>	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.
5090 MK149 (M255A1 FLECH) WH	08	N	2.5	0.0	2.5							Α			<u> </u>									<u> </u>					<u> </u>	2.
5090 MK149 (M255A1 FLECH) WH	09	N	4.8	0.0	4.8	_	ļļ		 				ļ		 	}		ļ				ļ		Α		ļ	ļ			4.

DD Form 2445, JUL 87

BUDGET PRODUCTION SCHEE		P-2	:1															DA	TE		Feb	ruary 2	2008							
APPROPRIATION/BUDGET ACT PROCUREMENT OF AMM		ΓΙΟ	N, N	AVY	& M	ARIN	E C	ORP	S/B	A-1		\	Nea	pon	•			0	1510	0,		NCLA BOR I			ETS	, AL	L TY	PES		
							Pro	oducti	on R	ate					Pro	ocure	eme	nt Le	adti	mes										
Item		ame	inufac e and	Locat	ion	MS	R	1-8	3-5	М	AX		T Pri Oct			T Af Oct 1			Initia fg Pl			leord Ifg Pl			Tota	ı		_	it of asure	
Q5040 MK 66 Rocket Motor	GEN	ER/	AL DY	NAMI	CS	3.6		300		552						7						18			25				K	
Q5041 MK 71 Rocket Motor	NSW	/C, I	Н			1.5		8		15						6						12			18				K	
Q5080 MK146 (M229) HE WH	NSW					1		8		15						6						12			18				K	
Q5090 MK149 (M255A1 FLECH)	GEN	ER/	AL DY	NAMI	CS	0.3		5		15						7						18			25				K	
								FIS	SCAL Y	EAR 2	010											FIS	SCAL Y	/EAR 2	2011					П
ITEM / MANUFACTURER	F	s	Q	D	В	200	9					CA	LEND	AR YE	AR 2	010							С	ALEND	AR YE	AR 20	11			
	Y	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	ZCC	J	A U G	S E P	0 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 L	A U G	S E P	B A L
Q5040 MK66 Rkt Mtr/Gen Dyn	08	Ν	8.5	0.0	8.5	1.0	1.0	1.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5													0.0
Q5040 MK66 Rkt Mtr/Gen Dyn	09	N	13.6	0.0	13.6													4.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.6	0.0
Q5041 MK71 Rkt Mtr/NSWC IH	09	N	0.6	0.0	0.6						0.5	0.1																		0.0
Q5080 MK146 (M229) HE WH	08	Ν	7.9	5.5	2.4	0.5	0.5	0.5	0.5	0.4																				0.0
Q5080 MK146 (M229) HE WH	09	N	6.8	0.0	6.8						1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.3							-	0.0
Q5090 MK149 (M255A1 FLECH) WH	08	Ν	2.5	0.0	2.5	1.0	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1							-						0.0
Q5090 MK149 (M255A1 FLECH) WH	09	Ν	4.8	0.0	4.8													0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.1	0.1	0.0
										FISCA	L YEAR	2012										FIS	SCAL Y	/EAR 2	2013					
ITEM / MANUFACTURER	F	s	Q	D	В	201	1					CA	LEND	AR YE	AR 2	012							С	ALEND	AR YE	AR 20	13			
	Y	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	N C C	J L	A U G	S E P	0 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
•••		\vdash																						.						
Remarks:																														

DD Form 2445, JUL 87

311 / 244 Exhibit P-21 Production Schedule

CLASSIFICATION.	102/1001										ı
		В	SUDGET IT	TEM JUST	TIFICATIO	N SHEET					DATE:
			P-40								February 2008
APPROPRIATION/BUD	GET ACTIVI	TY					P-1 ITEM N	OMENCLAT	URE		•
PROCUREMENT OF A	MMUNITION	I, NAVY & MA	ARINE COR	PS\BA 1			015500, MA	CHINE GUI	N AMMUNIT	ION	
Program Element for Co	ode B Items:						Other Relate	ed Program	Elements		
	1		,		-					T	
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity										Cont	Cont
Cost (\$M)	\$171.1	Α	\$16.1	\$12.6	\$18.9	\$20.0	\$20.3	\$20.5	\$21.3	Cont	Cont

This line funds procurement of 20MM/25MM ammunition used with various aircraft gun systems and includes integrated logistics, product engineering support and product improvement programs. The ammunition procurements fall into two categories: Target Practice (TP) and High Explosive Incendiary (HEI). The TP rounds are used for training and also include Target Practice - Tracer (TP-T) rounds. The HEI rounds are used for warfighting and also include Semi Armor Piercing High Explosive Incendiary (SAPHEI) rounds. 20MM rounds are procured in both linkless and linked configurations. The linkless (or bulk) rounds are used in the M61A1/A2 Gun Systems in the F/A-18 Aircraft. The linked rounds are used in the M197 gun on AH-1 aircraft. 25MM rounds are procured in the linkless configuration and are used in the GAU-12 Gun System in the AV-8B aircraft. All 20MM/25MM ammunition is procured by the Joint Munitions Command, Rock Island, Illinois. Inert rounds are procured through Naval Surface Warfare Center, Crane, Indiana.

FY 07 provides funding to procure 20MM linkless TP PGU-27, 20MM linkless HEI, 20MM linked TP PGU-27, and 20MM linked HEI ammunition. FY 08 provides funding to procure 20MM linkless TP PGU-27, 20MM linkless HEI, 20MM linked TP PGU-27, 20MM linked HEI, 25MM linkless HEI, and inert rounds.

FY 09 provides funding to procure 20MM linkless TP PGU-27, 20MM linkless TP-T, 20MM linked TP PGU-27, 20MM linkless HEI, and inert rounds.

Exhibit F	P-5 Cost Analysis						Weapon Syst	em			DATE:	
							MACHINE GU	N AMMUNITI	ON		Februa	ary 2008
APPROF	PRIATION/BUDGET ACTIVITY						P-1 ITEM NO	MENCLATURI	.			
PROCUR	EMENT OF AMMUNITION, NAVY & MARINE CORPS/BA	ı					015500, MAC	HINE GUN AN	IMUNITION			
							Do	llars in Thousa	ınds			
Cost												
Code	Element of Cost	ID	Prior Years		FY 2007			FY 2008			FY 2009	
		Code	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost
0.4000	200 MA I INIKI 500 TD T									04.047	44.57	500
Q4080	20MM LINKLESS TP-T	A	44.050	540.005	F 00	0.000	050 500		4 400	34,317	_	500
Q4010	20MM LINKLESS, TP, PGU-27	A	44,352	518,965	5.90	3,062		5.74	1,438		6.12	4,684
Q4050	20MM LINKLESS, HEI	Α	46,336	49,675	20.03	995		14.71	1,063		0.00	0
Q4060	20MM LINKED, TP, PGU-27	Α	13,200	245,987	11.44	2,814			3,003		9.80	6,007
Q4070	20MM LINKED, HEI	Α	35,697	233,796	27.37	6,399	127,624	27.15	3,465	145,971	27.80	4,058
Q4070	20MM LINKED, HEI (OIF SUPPL)	Α	2,079									
Q4150	25MM LINKLESS, HEI	Α					20,000	34.37	687	20,113	35.40	712
Q4200	INERT ROUND	Α					6,061	16.50	100	5,888	16.98	100
Q4050	20MM LINKING EFFORT,TP,TPT, HEI	Α	756									
Q4800	INTEGRATED LOGISTICS SUPPORT (ILS)	Α	2,834			590			548			538
Q4830	PRODUCTION ENGINEERING SUPPORT	Α	18,817			1,650			1,817			1,809
Q4850	PRODUCT IMPROVEMENT PROGRAM (PIP)	Α	6,952			566			444			508
Q4894	GAUGING	Α	55									
	Total		171,078			16,076			12,565			18,916
			, ,			,,,			,			,,,

BUDGET PROCUREMENT HISTORY	Y AND PLAN	INING EXHIBIT	(P-5A)		Weapon S	yste m GUN AMMUNITION			A. DATE February 2	008
B. APPROPRIATION/BUDGET AC	TIVITY				INDIAN E	C. P-1 ITEM NOMENCLA	TURE		i obludiy 2	SUBHEAD
PROCUREMENT OF AMMUNITION,	NAVY & MA	ARINE CORPS\	BA 1			015500, MACHINE GUN A	MMUNITIO	N		J1Q4
Cost Element/FiscalYear	Qty	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
(Q4080) 20MM LINKLESS, TP-T										
2009	34,317	14.57	JMC, ROCK ISLAND, IL	N/A	C-FFP	General Dynamics, Marion , IL	4/09	4/10	YES	
(Q4010) 20MM LINKLESS, TP, PGU-27										
2005	1,314,172	5.53	JMC, ROCK ISLAND, IL.	N/A	C-FFP	General Dynamics, Marion, IL	4/05	4/06	YES	
2007	518,965	5.90	JMC, ROCK ISLAND, IL.	N/A	C-FFP	General Dynamics, Marion , IL	4/07	4/08	YES	
2008	250,523	5.74	JMC, ROCK ISLAND, IL.	N/A	C-FFP	TBD	4/08	4/09	YES	
2009	765,357	6.12	JMC, ROCK ISLAND, IL.	N/A	C-FFP	TBD	4/09	4/10	YES	
(Q4050) 20MM LINKLESS, HEI										
2005	1,218,720	12.73	JMC, ROCK ISLAND, IL	N/A	C-FFP	General Dynamics, Marion , IL	9/05	4/06	YES	
2006	717,462	23.51	JMC, ROCK ISLAND, IL	N/A	C-FFP	General Dynamics, Marion , IL	4/07	4/08	YES	
2007	49,675	20.03	JMC, ROCK ISLAND, IL	N/A	C-FFP	General Dynamics, Marion , IL	4/07	4/08	YES	
2008	72,264	14.71	JMC, ROCK ISLAND, IL	N/A	C-FFP	TBD	4/08	4/09	YES	
(Q4060) 20MM LINKED, TP, PGU-27										
2007	245,987	11.44	JMC, ROCK ISLAND, IL	N/A	C-FFP	General Dynamics, Marion , IL	4/07	4/08	YES	
2008	312,813	9.60	JMC, ROCK ISLAND, IL	N/A	C-FFP	TBD	4/08	4/09	YES	
2009	612,959	9.80	JMC, ROCK ISLAND, IL	N/A	C-FFP	TBD	4/09	4/10	YES	
(Q4070) 20MM LINKED, HEI										
2007	233,796	27.37	JMC, ROCK ISLAND, IL	N/A	C-FFP	General Dynamics, Marion , IL	4/08	4/09	YES	
2008	127,624	27.15	JMC, ROCK ISLAND, IL	N/A	C-FFP	TBD	4/08	4/09	YES	
2009	145,971	27.80	JMC, ROCK ISLAND, IL	N/A	C-FFP	TBD	4/09	4/10	YES	
(Q4150) 25MM LINKLESS, HEI										
2008	20,000	34.37	JMC, ROCK ISLAND, IL	N/A	C-FFP	TBD	4/08	4/09	YES	
2009	20,113	35.40	JMC, ROCK ISLAND, IL	N/A	C-FFP	TBD	4/09	4/10	YES	
(Q4200) INERT ROUND										
2008	6,061	16.50	NSWC CRANE, IN	N/A	C-FFP	TBD	4/08	4/09	YES	
2009	5,888	16.98	NSWC CRANE, IN	N/A	C-FFP	TBD	4/09	4/10	YES	

Notes: Pricing provided by the Army incorporates other services' buys.

PRODUCTION SCHEDULE, F	P-21																	DATE				Feb	ruary	2008						
APPROPRIATION/BUDGET A	CTIVITY	′											We	apon	Syster	n		P-1 IT	EM N	IBMC	NCLA [®]	TURE								
PROCUREMENT OF AN	ІМИМІТ	TION,	NAVY	& MAR	INE C	ORF	S/B	A-1							-			01550	0			MAC	HINE	GUN A	MMUI	IOITIN	N			
		-					Р	roduc	tion R	ate					Р	rocur	emen	t Leadt	imes											
Item			fanufacti ne and L			М	SR	EC	ON	M	AX		LT Pric			_T Aft Oct 1	er		Initial fg PL1	Г		Reorde Afg PL			Total				Jnit of easure	
20MM, LINKED, TP, PGU-27	Genera	l Dynam	ics, Marion	IL/ ATK			0		3240		9480		6			7			12			12			19				K	
20MM, LINKED, HEI	Genera	l Dynam	ics, Marion	IL			0		878		2581		6			7			12			12			19				K	
									FISCAL	YEAR	2006											F	ISCAL Y	'EAR 200)7					
ITEM / MANUFACTURER	F	s	Q	D	В		2005						CAL	ENDAR	YEAR 20	06								CALEND	DAR YEA	R 2007				l
	Y	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	N N) J	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	N N	Ŋ	A U G	S E P	B A L
20MM, LINKED, TP, PGU-27								_																						
General Dynamics	07	N	246.0	0	246.0																			Α						246.0
20MM, LINKED, HEI																														
General Dynamics	07	N	233.8	0	233.8																									233.8
											FISCA	L YEAR 2	8008									l F	ISCAL Y	'EAR 200	9				-	
ITEM / MANUFACTURER	F	s	Q	D	В	2	2007						CAL	ENDAR	YEAR 20	108								CALEND	DAR YEA	R 2009				l
	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 L	A U G	S E P	B A L
20MM, LINKED, TP, PGU-27																														
General Dynamics	07	N	246.0	0	246.0							20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5							0.0
TBD	08	N	312.8	0	312.8							Α												26.1	26.1	26.1	26.1	26.1	26.1	156.2
TBD	09	N	613.0	0	613.0																			Α						613.0
20MM, LINKED, HEI																														
General Dynamics	07	N	233.8	0	233.8							Α												19.5	19.5	19.5	19.5	19.5	19.5	116.8
TBD	08	N	127.6	0	127.6							Α												10.6	10.6	10.6	10.6	10.6	10.6	64.0
TBD	09	N	146.0	0	146.0																			Α				Щ_		146.0

DD Form 2445, JUL 87

Previous editions are obsolete

311 / 244

^{*} Quantities may not add due to rounding.

PRODUCTION SCHEDULE, F	-21																	DATE				Feb	ruary	2008						-
APPROPRIATION/BUDGET A	CTIVITY	1											We	eapon	Syste	n		P-1 IT	EM N	OME	NCLA	TURE								
PROCUREMENT OF AM	MUNIT	ΓΙΟN,	NAVY	& MAR	INE C	ORP	S/B	A-1										01550	0			MAC	HINE	GUN A	UMMA	NITIO	N			
							Pr	roduc	tion R	ate					F	rocure	ement	Leadt	imes											
Item			lanufactu ne and L			MS	SR	EC	ON	М	AX		LT Prid		Α	LT Afte Oct 1	er		Initial fg PL	Т		Reorde //fg PL			Total				Jnit of easure	
20MM, LINKED, TP, PGU-27	Genera	l Dynam	ics, Marion	IL/ ATK		()		3240		9480		6			7			12			12			19)	1		K	
20MM, LINKED, HEI	Genera	l Dynam	ics, Marion	IL	,	()		878		2581		6			7			12			12			19)			K	
ITEM / MANUFACTURER	F Y	S V	Q T	D E	B A	0	2009 N	D	FISCAL	F	2010 M	A	CAL M	ENDAR J	J	Α	S	0	N	D	J	F	M M	CALEN	IDAR YE	J	J	A	S	В
		С	Y	L	L	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	L
20MM, LINKED, TP, PGU-27																												1		
TBD	08	N	312.8	156.6	156.2	26.1	26.1	26.1	26.1	26.1	25.7																			0.0
TBD	09	N	613.0	0	613.0							51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	52.0							0.0
20MM, LINKED, HEI																														i
General Dynamics	07	N	233.8	117	116.8	19.5	19.5	19.5	19.5	19.5	19.3																			0.0
TBD	08	N	127.6	63.6	64.0	10.6	10.6	10.6	10.6	10.6	11.0																			0.0
TBD	09	N	146.0	0	146.0							12.1	12.1	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	13.1				\vdash	\vdash		0.0

DD Form 2445, JUL 87

Previous editions are obsolete

311 / 244

^{*} Quantities may not add due to rounding.

		BUD	GET ITEM	JUSTIFIC	ATION SI	HEET				DATE:	
		P-	40							Februa	ry 2008
APPROPRIATION	I/BUDGET ACTIVI	TY				P-1 ITEM N	OMENCLAT	URE			-
PROCUREMENT	OF AMMUNITION	I, NAVY & M	ARINE COR	PS\BA 1		016000, PR	ACTICE BO	MBS			
Program Element	for Code B Items:					Other Relate 0204162N	_	Elements			
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity											
Cost (\$M)	\$507.0	Α	\$44.4	\$36.1	\$39.4	\$40.8	\$40.8	\$66.2	\$42.4	Cont	Cont

MISSION DESCRIPTION:

Practice Bombs are a low cost alternative to expenditures of live bombs for training. The MK 76 simulates an unretarded MK 80 series bomb. It is a 25 lb. cast iron shape with a breach hole for a MK 4 or CXU-3 signal, which provides a smoke signal or flash upon impact. The BDU-48 simulates retard bombs. It is a 10 lb. thin cased cylindrical bomb with a breach hole for a MK 4 or CXU-3 signal which provides a smoke signal or flash upon impact. The BDU-48 Non-Thermally protected, MK 83 Inert and MK 82 Inert are full-sized Practice Bombs. They are MK 80 series bomb bodies filled with an inert material and have the same weight, size, center of gravity and ballistics of a live bomb. These items are procured by the Army as a Single Manager for Conventional Ammunition.

The Laser Guided Training Round (LGTR) is procured directly by the Navy. This round enhances the effective use of the PAVEWAY II Laser Guided Bombs (LGB) precision guided weapon which requires coordination between the aircrew and the laser designator. Development of delivery options and multi-aircraft tactics require extensive cost effective training. The Laser Guided Training Round (LGTR) is capable of replicating the kinematics of LGBs to provide increased basic training capability and follow-on advanced tactics development and is suitable for launch from all Navy and Marine Corps aircraft used to deploy LGBs. LGTR provides actual hardware for aircrew and tactics development at a greatly reduced cost while maintaining LGB stockpiles.

The Production Engineering Support and Integrated Logistics Support are continuing annualized efforts associated with ongoing procurements of the Practice Bombs associated Signal Cartridge, BDU-45/B, MK 76, LGTR, fins and other practice weapons. These efforts include: maintenance of Procurement Data Packages; participation in post-award conference; first article and quality assurance testing; technical manual updates; evaluation of engineering change proposals; and response to fleet inquiries.

The Miscellaneous Items line includes low cost items such as M70 series cables, MK 89 Adapters, Arming Wires, Lugs, Nose Plugs, etc.

The FY07 provides funding to procure MK 76, MK 82 Inert, MK 83 Inert, Laser Guided Training Rounds and associated support.

The FY08 provides funding to procure MK 76, MK 82 Inert, BDU-48, Laser Guided Training Rounds and associated support.

The FY09 provides funding to procure MK 76, MK 82 Inert, Laser Guided Training Rounds and associated support.

P-1 Line Item No. 5 (Page 1 of 7)

UNCLASSIFIED

CLASSIFICATION:

Exhibit	P-5 Cost Analysis						Weapon Syst	em			DATE:	
											Feb	ruary 2008
APPRO	PRIATION/BUDGET ACTIVITY						P-1 ITEM NO	MENCLATUR	E			
PROCUR	EMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						016000, PRA	CTICE BOMB	S			
							Total	Cost Dollars in	Thousands	1		
Cost Code	Element of Cost	I.D.	Prior Years		FY 2007			FY 2008			FY 2009	1
Ouc	Element of Cost	ID Code	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost
		Code	Total Cost	Q.I.I	Omit Goot	Total Cost	Q11	Onit Cost	Total Goot	QII	Offic COSt	Total Cost
Q1062	MISCELLANEOUS ITEMS	Α				2,940			2,000			1,96
	<u>PROCUREMENTS</u>											
Q1010	MK 76	Α		154,315	40.21	6,205	141,049	44.80	6,319	139,743	43.58	6,090
Q1040	MK 82 INERT	Α		4,350	1,359.77	5,915	5,189	1,352.49	7,018	2,306	1,557.10	3,591
Q1060	MK 83 INERT	Α		2,461	2,342.79	5,766	i					
Q1061	BDU-48	Α					18,902	50.73	959			
Q1300	LASER GUIDED TRAINING ROUND	Α		7,941	2,319.38	18,418	6,000	2,377.67	14,266	9,000	2,436.79	21,931
	PROCUREMENT SUPPORT AND OTHER											
Q1800	INTEGRATED LOGISTICS SUPPORT (ILS)					79			681			636
Q1830	PRODUCTION ENGR SUPPORT (PES)-NAVY					4,345			4,250			4,608
Q1850	PRODUCT IMPROVEMENT PROGRAM (PIP)					512			350			350
Q1894	GAUGING					213	1		250			250
	Total		506,971			44,393			36,093			39,419
	Total		300,971			44,333			30,093			39,418

BUDGET PROCUREMEN	NT HISTORY	AND PLANN	ING EXHIBIT (P-5A		Weapon S	System			A. DATE February 2	2008
B. APPROPRIATION/B	UDGET ACT	TIVITY			•	C. P-1 ITEM NOMENCLATURE				SUBHEAD
PROCUREMENT OF AM	MUNITION,	NAVY & MARI	INE CORPS\BA 1			016000, PRACTICE BOMBS				J1Q1
Cost Element/FiscalYear	Qty	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
PROCUREMENTS										
BDU-48										
2008 LASER GUIDED TRAINING	18,902	50.73	JMC, ROCK ISLAND, IL	Nov 07	C-Option	TBD	Aug 08	Feb 09	YES	
ROUND										
2007	7,941	2,319.38	NAVAIR	Aug 04	C-Option	LOCKHEED MARTIN CORPORATION, ARCHBALD, PA	Apr 07	Jul 08	YES	
2008	6,000	2,377.67	NAVAIR	Aug 04	C-Option	LOCKHEED MARTIN CORPORATION, ARCHBALD, PA	Mar 08	Apr 09	YES	
2009	9,000	2,436.79	NAVAIR	Aug 04	C-Option	LOCKHEED MARTIN CORPORATION, ARCHBALD, PA	Mar 09	Dec 09	YES	
MK 76										
2007	154,315	40.21	JMC ROCK ISLAND, IL	Nov 06	C-Option	DELFASCO INC, AFTON, TN	Feb 07	Mar 08	YES	
2008	141,049	44.80	JMC ROCK ISLAND, IL	Nov 07	C-Option	DELFASCO INC, AFTON, TN	Feb 08	Mar 09	YES	
2009	139,743	43.58	JMC, ROCK ISLAND, IL	Nov 08	C-Option	DELFASCO INC, AFTON, TN	Mar 09	Mar 10	YES	
MK 82 INERT *										
2007	4,350	1 359 77	JMC, ROCK ISLAND, IL	Nov 06	SS-Ontion	MCALESTER ARMY AMMUNITION PLANT, MCALESTER, OK	Feb 07	Jan 08	YES	
2008	5,189	1,352.49		Nov 07		MCALESTER ARMY AMMUNITION PLANT, MCALESTER, OK	Feb 08	Jan 09	YES	
2009	2,306		JMC, ROCK ISLAND, IL	Nov 08	SS-Option	MCALESTER ARMY AMMUNITION PLANT, MCALESTER, OK	Feb 09	Jan 10	YES	

BUDGET PROCUREME	NT HISTORY	AND PLANN	ING EXHIBIT (P-5A)		Weapon S	System			A. DATE February 2	008
B. APPROPRIATION/B	UDGET ACT	TIVITY				C. P-1 ITEM NOMENCLATURE				SUBHEAD
PROCUREMENT OF AM	IMUNITION,	NAVY & MAR	INE CORPS\BA 1			016000, PRACTICE BOMBS				J1Q1
Cost Element/FiscalYear	Qty	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
MK 83 INERT 2007	2,461	2,342.79	JMC, ROCK ISLAND, IL	Nov 06		MCALESTER ARMY AMMUNITION PLANT, MCALESTER, OK	Jan 07	May 09	YES	

Note: Mk 83 Inert change in schedule in FY07 was due to the level of workload being done at McAlester.

BUDGET PRODUCTION SCHEDU		.21																					Feb	ruary 2	2008					
APPROPRIATION/BUDGET ACTIV														Weapor	n Syste	m			menclatu											
Procurement of Ammunition, Nav	vy & M	arine (Corps/ B/	<u>A-1</u>		1		Product	ion Doto										, PRACT	ICE BOI	MBS			1						
	$\overline{}$		Manufac	cturer's		-		Product	ion Rate			.	ALT Pric	or	ı	ALT Afte	Procurer er	nent Lea	Initial			Reorder					$\overline{}$	Uni	it of	
Item		١	Name and			M	SR	1-8	8-5	N	MAX		to Oct 1			Oct 1	Ci .		Mfg PLT			Mfg PLT			Total			Mea	asure	
MK 76		DELF	ASCO, A	FTON, TI	N		120,000		360,000		1,080,100					6			20			12			18			E		
MK 82 INERT	—	MCAL	LESTER(OK)			54,000		96,000		192,000					5			15			11			16		<u> </u>	E		
	<u> </u>																													
TEM (MANUE A OTUBER	忨		*		_	2200				FISC	AL YEAR	2007	CALE			2207							FISCAL Y			5 0000				
ITEM / MANUFACTURER	F Y	S V	Q T	D E	B A	2006 O	N	D	.i	F	М	Α	M	NDAR \	YEAR 4	2007 A	S	0	N	D	1	F	М	CALEN	DAR YEA	J 2008	г ,	Α	S	В
		C	Ý	Ĺ	Ĺ	C	0 V	E	A N	E B	A R	P R	A Y	U	U	Ü	E P	C	0	E	A N	E B	A R	P R	A Y	U	U	Ü	E P	A L
MK 76	t			t																										<u> </u>
DELFASCO	06	N	171586	167344	4242																									4242
DELFASCO	07	N	154315	0	154315					Α													30863	30863	30863	30863	30863			0
DELFASCO	08	N	141049	0	141049																	Α								141049
MK82																														
MCALESTER	04	N	17613	17118	495											\coprod					495						<u> </u>	1		0
MCALESTER	05	N	5310	4782	570																570							1		0
MCALESTER	06	N	15552	0	15552				3358											1228	3533	1100	2551		600	2401	781			0
MCALESTER	07	N	4350	0	4350					Α											4350									0
MCALESTER	08	N	5189	0	5189																	Α								5189
	Τ_									FISC	AL YEAR	2009											FISCAL Y							
ITEM / MANUFACTURER	F	S V	Q T	D E	B A	2008 O	N	D		F	М	Α	CALE	NDAR \	YEAR 2	2009 A	S	0	N	D	1 1	F	М	CALEN	DAR YEA	R 2010		Α	S	В
		Ċ	Ý	L	Ĺ	Č	0	E	A N	E B	A R	P R	A	Ü	Ü	U G	E	C	0	E C	A N	E B	A	P R	A	Ü	Ů	Ü	Ë	A
MK 76	1	\Box					Ť		.,		- 1		'		_	Ŭ					- ' '			- 1				Ŭ		<u> </u>
DELFASCO	06	N	171586	167344	4242	2686	1556																							0
DELFASCO	08	N	141049	0	141049						28209	28209	28209	28209	28213															0
DELFASCO	09	N	139743	0	139743						Α												27946	27946	27946	27946	27959			0
MK82																														
MCALESTER	08	N	5189	0	5189				5189																					0
MCALESTER Remarks: *MONTHLY DELIVERIES	09	N	2306	0	2306					Α											2306									0

DD Form 2445, JUL 87 Previous editions are obsolete CLASSIFICATION:

UNCLASSIFIED

FOR ALL ITEMS BUT THE LIGTR, THE MINIMUM SUSTAINING RATE REPRESENTS THE RATE FOR JOINT SERVICE PROCUREMENTS.

*NOTE: THE MK 82 INERT FY06 PROCUREMENT FIRST DELIVERY OF 3358 UNITS WERE DELIVERED IN JANUARY 07, THE BALANCE OF 12,194 STARTED DELIVERIES IN DECEMBER 07.

BUDGET PRODUCTION SCHED		21																				Fe	ebruai	ry 200	8					
APPROPRIATION/BUDGET ACTI													V	/eapon	Syste	m		P-1 No												
Procurement of Ammunition, Na	vy & M	arine	Corps/ E	3A -1														01600		CTIC	E BON	BS								
							Pr	oductio	on Rate									nt Lead												
Marine.			Manufa Name an	acturer's			SR	١.,	-8-5	MA			ALT Price to Oct 1		P	ALT Aft	er		Initial	-		Reorde			T-4-1				it of	
Item							5K	1			4X		to Oct	l				IN.	Mfg PL	ı		Mfg PL	ı		Total			E	sure	
LGTR MK 83 Inert			MARTIN.	ARCHB.	ALD, PA	3600 21600			10400 43200	23400 86400						6			8 15			9 28			15 32			E		
MK 83 Inert	MCAL	ESTER	R, OK			21600			43200	86400						4			15			28			32					
			*							FISCA	_ YEAR											F	ISCAL \							
ITEM / MANUFACTURER	F Y	S V	Q T	D	B A	2006		Т_		I _			CALEND	DAR YE	AR 2		-							ALEN	т —	EAR 20	08	1 -		
	ľ	C	Y	E	L	O C	N O	D E	J A	F E	M	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	A U	S E	B A
				_	-	T	V	C	N	В	A R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Ŷ	N	L	G	P	L
Laser Guided Training Round	1						-																	1				_	-	\vdash
Lockheed Martin	06	N	8000	0	8000												800	800	800	800	800	800	800	800	800	800				0
Lockheed Martin	07	N	7941	0	7941							Α															800	800	800	554
Lockheed Martin	08	N	6000	0	6000																		Α							6000
MK 83 INERT																														
MCALESTER	06	N	1271	0	1271																									1271
MCALESTER	07	N	2461	0	2461				Α																					2461
										FISCAL	YEAR	2009										F	ISCAL `	YEAR :	2010					
ITEM / MANUFACTURER	F	S	Q	D	В	2008						_	CALEND	AR YE	AR 20									CALEN		AR 20	10			
	Υ	V	T Y	E	A	O C	N O	D E	J A	F E	M	A P	M	J	J	A U	S E	O C	N O	D E	J	F E	M	A P	M	J	J	A U	S E	В
		С	Y	L	L	T	V	C	N	В	A R	R	A Y	N	L	G	P	T	٧	C	A N	В	A R	R	A Y	N	L	G	P	A L
Laser Guided Training Round																														
Lockheed Martin	07	N	7941	2400	5541	800	800	800	800	800	800	741																		0
Lockheed Martin	08	N	6000	0	6000							59	800	800	800	800	800	800	800	341										0
Lockheed Martin	09	N	9000	0	9000						Α									459	800	800	800	800	800	800	800	800	800	1341
MK 83 INERT																														
MCALESTER	06	N	1271	0	1271			1271																						0
MCALESTER	07	N	2461	0	2461								2461																	0
Remarks: MONTHLY DELIVERIES				ON JOI		RECUIRE	MENTS	1		1									l				1		-			1		

DD Form 2445, JUL 87

CLASSIFICATION: Previous editions are obsolete

UNCLASSIFIED

UDGET PRODUCTION SCHEDULE, P-21																								Febru	ary 20	800		
PPROPRIATION/BUDGET ACTIVITY ocurement of Ammunition, Navy & Marine Corps/ BA-1													W	eapon Sy			- 1	16000	m Non , PRA 0			s						
								Produ	ction Rate	е					Procur		Lead											
Item			Manufact Name and I			N	//SR	1	-8-5	M	ΑX		ALT Prio to Oct 1			After ct 1		Ini Mfg			Reorde Mfg PL		Т	otal			Uni Mea	
TR	LOCK	(HEED	MARTIN, AF	RCHBALD	, PA		3600		10400	23400						6			8		9			15		E		
		1	1	1	Ī			FIS	SCAL YEA	R 2011											F	ISCAL	YEAR 2	012				-
ITEM / MANUFACTURER	F	s	Q	D	В	2010			707 KE 1 E7	20		CAI	LENDAR '	YEAR 20)11					1			ALENDA		R 201	2		
	Y	C	T Y	E L	A L	O C T	N O V	D E C	JAZ	F E B	M A R	A P R	M A Y	J U	J U L	A U G	Ε	C	N D E	J A N	F E B	M A R			N N	U	A U G	S E P
SER GUIDED TRAINING ROUNDS	1																											
LOCKHEED-MARTIN	09	N	9000	7659	1341	800	541																					
										FIS	CAL YEA	R 2013			•				,								'	
	F	S	Q	D	В	2012						CAI	LENDAR '	YEAR 20	13													
ITEM / MANUFACTURER	Y	V C	T Y	E L	A L	0	N O V	D E	J A	F E	M A	A P	M A Y	J U N	J U	A U G	S E P	0 1	D E	J A N	F E	M A	Р		U	U	A U	S E P
TEW MANOLACTOREX						-	V	С	N	В	R	R	Y	IN	L	G	Р	' '	/ C	IN	В	R	R	Y	N		G	Р
		1																		1								
			•				1	1		1	1		1	1	1	1 1		- 1		1	1	1		- 1				1

DD Form 2445, Jul 87 Previous editions are obsolete
311/244

CLASSIFICATION:
UNCLASSIFIED

			BUDGET IT	TEM JUST	IFICATIO	N SHEET					DATE:	
			P-40								Februa	ry 2008
APPROPRIATION/BUD PROCUREMENT OF A			ARINE CORP	S\BA 1			P-1 ITEM N 018000, CAR DEVICES			ICES/PROPI	ELLANT ACTI	UATED
Program Element for Co	ode B Items:						Other Relate	ed Program	Elements			
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Quantity										Cont	Cont	
Cost (\$M)	\$293.6	Α	\$30.8	\$44.0	\$46.6	\$51.4	\$54.6	\$55.9	\$57.0	Cont	Cont	

Stores Release

Stores Release cartridges are utilized to release weapons and other stores from aircraft. The JAU-22/B impulse cartridge are utilized to eject sonobouys, and the CCU-107 is utilized to release "light" weapons/stores from aircraft. 11 additional distinct stores release CADs, with yearly procurements typically less than \$500K, are procured under the misc devices budget line.

Safety

Items such as safety/arming devices, sequence controls, shielded mild detonating cords, gas generators, initiators, thrusters, fire extinguisher cartridges, thermal batteries, rocket motors, catapults, etc, are used in aircraft emergency escape and safety systems. The total number and type of devices installed varies with the type of aircraft, for example: 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 standard. The devices ages at the same rate whether the aircraft is operating in a war time or peace time environment, and thus the requirement is calendar driven. Life support devices such as the Sea Water Activated Release System, FLU-12/P Deck Crew Life Vest Inflator and the FLU-8B/P automatic life vest inflator are essential to crew survival after ejection or being thrown overboard. The budget request provides specific funding for the procurement of thermal battery (CWDR), MK 122 Parachute Deployment Rocket Motor (PDRM), MK 123/124 Underseat Rocket Motors (USRM), JAU-74/B initiator/CCU-146/A Cartridge, F-18 DIFRS, Naval Aircrew Common Ejection Seat (NACES) items. The remaining 823 distinct safety CAD/PADs, with yearly procurements typically less than \$500K, are procured under the misc devices budget line.

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

Reliability Life: Insures the that the CAD/PAD will be acceptable for the assigned service life of the unit as the units are initially fielded through PIPs and second source efforts.

<u>Production</u> <u>Engineering Support</u>: Production Engineering Support (PES) efforts include the development/review of procurement requests, monitoring of the production, disposition of waivers and deviations, and technical support for First Article Testing/Lot Acceptance Testing.

Quality Assurance: Provides quality assurance of the product as the lot is being accepted for service use.

<u>Product Improvement Programs</u>: Product Improvement Programs (PIP) are conducted as part of a continuing effort to correct deficiencies in areas of safety, reliability, maintainability, producibility, and to increase the service life of CAD/PADs.

Acceptance Testing: Destructive and non-destructive testing of the production lot to insure product acceptability for service use.

FY07 provides funding to procure JAU-22/B initiator cartridge, CCU-107 impulse cartridge, Thermal battery (CWDR), FLU-12/Inflator (JL09), JAU-74/B initiator/CCU-146/A Cartridge, NACES CADs, other Miscellaneous CADs Under \$500K and associated support.

FY08 provides funding to procure JAU-22/B initiator cartridge, Thermal battery (CWDR), MK 122 Parachute Deploy Rocket Motor, MK 123/124 Underseat Rocket Motor, JAU-74/B initiator/CCU-146/A Cartridge, NACES CADs, other Miscellaneous CAD/PADs Under \$500K and associated support.

FY09 provides funding to procure JAU-22/B initiator cartridge, CCU-107 impulse cartridge, Thermal battery (CWDR), MK 122 Parachute Deploy Rocket Motor, MK 123/124 Underseat Rocket Motor, FLU-12/Inflator (JL09), JAU-74/B initiator/CCU-146/A Cartridge, F-18 DIFRS, NACES CADs, other Miscellaneous CAD/PADs Under \$500K and associated support..

In FY08 BLI 018000 and 018100 were combined into one budget line item, 018000, with a new title of Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD).

UNCLASSIFIED
(Exhibit P-40, page 1 of 4)

CLASSIFICATION:

P-5 Cost Analysis			Weapon S	•								ı	DATE:	. 0000
DIATION/DUDGET ACTIVITY					ATUDE								February	/ 2008
							C/DDODEL	ANT ACT	IATED DE	VICES				
EMENT OF AMMONITION, NAVY & MARINE CORPS/BA 1			018000, C/	AKIKIDGE	ACTUATE	DEVICES	5/PROPEL			VICES				
	l 1							Dollars III	Housanus					
Element of Cost		Prior Years		FY 2007			FY 2008			FY 2009				
	ID													
	Code	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost			
070050 0515405														
<u> </u>			405.000	47.04	4 040	450,000	45.00	0.000	405.000	40.00	4.004			
` '				17.31	,	150,000	15.99	2,399	,					
CCU-107 IMPULSE CTG (MT95) (1)	А		180,000		1,303				180,000	5.89	1,060			
SAFETY														
THERMAL BATTERY (CWDR)	Α		130	4,384.62	570	251	3,396.00	852	251	3,407.00	855			
MK 122 PARACHUTE DEPLOY RCKT MTR (MT29)	Α					296			672	4,697.92	3,157			
MK 123 UNDERSEAT ROCKET MOTOR (MT30)	Α					49	9,107.00	446	49	9,197.00	451			
MK 124 UNDERSEAT ROCKET MOTOR (MT31)	Α					107	9,107.00	974	107	9,197.00	984			
FLU-12/P INFLATOR (JL09)	Α		15,000	146.88	2,203				15,178	140.19	2,128			
JAU-74 INIT/CCU-146 CTG (WB15/16)	Α				1,603			1,907			1,961			
F-18 DIFRS (SR95/WB19)	Α										801			
NAVY AIRCREW COMMON EJECTION SEAT (NACES)	Α				703			1,369			1,693			
MISC DEVICES UNDER \$500K (2)	Α				15,247			21,589			17,859			
INTEGRATED LOGISTICS SUPPORT (ILS)					469			1,164			1,197			
RELIABILITY LIFE	Α							758			791			
PRODUCTION ENGINEERING					2,993			4,560			4,709			
QUALITY ASSURANCE					537			614			662			
PRODUCT IMPROVEMENT PROGRAM (PIP)					1,369			2,718			2,862			
ACCEPTANCE TESTING					1,947			3,410			3,483			
Total		293,562			30.762			43,956			46.644			
		200,002			55,752			10,000			10,017			
	STORES RELEASE JAU-22/B INITIATOR CTG (MF64) CCU-107 IMPULSE CTG (MT95) (1) SAFETY THERMAL BATTERY (CWDR) MK 122 PARACHUTE DEPLOY RCKT MTR (MT29) MK 123 UNDERSEAT ROCKET MOTOR (MT30) MK 124 UNDERSEAT ROCKET MOTOR (MT31) FLU-12/P INFLATOR (JL09) JAU-74 INIT/CCU-146 CTG (WB15/16) F-18 DIFRS (SR95/WB19) NAVY AIRCREW COMMON EJECTION SEAT (NACES) MISC DEVICES UNDER \$500K (2) INTEGRATED LOGISTICS SUPPORT (ILS) RELIABILITY LIFE PRODUCTION ENGINEERING QUALITY ASSURANCE PRODUCT IMPROVEMENT PROGRAM (PIP)	Element of Cost Element of Cost ID Code STORES RELEASE JAU-22/B INITIATOR CTG (MF64) CCU-107 IMPULSE CTG (MT95) (1) A SAFETY THERMAL BATTERY (CWDR) MK 122 PARACHUTE DEPLOY RCKT MTR (MT29) MK 123 UNDERSEAT ROCKET MOTOR (MT30) A MK 124 UNDERSEAT ROCKET MOTOR (MT31) FLU-12/P INFLATOR (JL09) JAU-74 INIT/CCU-146 CTG (WB15/16) F-18 DIFRS (SR95/WB19) NAVY AIRCREW COMMON EJECTION SEAT (NACES) MISC DEVICES UNDER \$500K (2) INTEGRATED LOGISTICS SUPPORT (ILS) RELIABILITY LIFE PRODUCTION ENGINEERING QUALITY ASSURANCE PRODUCT IMPROVEMENT PROGRAM (PIP) ACCEPTANCE TESTING	Element of Cost Element of Cost Element of Cost Element of Cost STORES RELEASE JAU-22/B INITIATOR CTG (MF64) CCU-107 IMPULSE CTG (MT95) (1) A SAFETY THERMAL BATTERY (CWDR) MK 122 PARACHUTE DEPLOY RCKT MTR (MT29) MK 123 UNDERSEAT ROCKET MOTOR (MT30) MK 124 UNDERSEAT ROCKET MOTOR (MT31) FLU-12/P INFLATOR (JL09) JAU-74 INIT/CCU-146 CTG (WB15/16) F-18 DIFRS (SR95/WB19) NAVY AIRCREW COMMON EJECTION SEAT (NACES) MISC DEVICES UNDER \$500K (2) INTEGRATED LOGISTICS SUPPORT (ILS) RELIABILITY LIFE PRODUCTION ENGINEERING QUALITY ASSURANCE PRODUCT IMPROVEMENT PROGRAM (PIP) ACCEPTANCE TESTING	P.1 ITEM MO1800DET ACTIVITY EMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1 Element of Cost Element of Cost Prior Years ID Code Total Cost QTY STORES RELEASE JAU-22/B INITIATOR CTG (MF64) CCU-107 IMPULSE CTG (MT95) (1) A SAFETY THERMAL BATTERY (CWDR) MK 122 PARACHUTE DEPLOY RCKT MTR (MT29) MK 123 UNDERSEAT ROCKET MOTOR (MT30) MK 124 UNDERSEAT ROCKET MOTOR (MT31) FLU-12/P INFLATOR (JL09) JAU-74 INIT/CCU-146 CTG (WB15/16) F-18 DIFRS (SR95/WB19) NAVY AIRCREW COMMON EJECTION SEAT (NACES) MISC DEVICES UNDER \$500K (2) INTEGRATED LOGISTICS SUPPORT (ILS) RELIABILITY LIFE PRODUCTION ENGINEERING QUALITY ASSURANCE PRODUCT IMPROVEMENT PROGRAM (PIP) ACCEPTANCE TESTING	Element of Cost Fy 2007 ID Code Total Cost QTY Unit Cost 105,000 17.31 180,000 17.31 A 130 4,384.62 A MK 122 PARACHUTE DEPLOY RCKT MTR (MT29) MK 122 PARACHUTE DEPLOY RCKT MTR (MT29) MK 123 UNDERSEAT ROCKET MOTOR (MT30) MK 124 UNDERSEAT ROCKET MOTOR (MT31) FLU-12/P INFLATOR (JL09) JAU-74 INIT/CCU-146 CTG (WB15/16) F-18 DIFRS (SR95/WB19) NAVY AIRCREW COMMON EJECTION SEAT (NACES) MISC DEVICES UNDER \$500K (2) INTEGRATED LOGISTICS SUPPORT (ILS) RELIABILITY LIFE PRODUCTION ENGINEERING QUALITY ASSURANCE PRODUCT IMPROVEMENT PROGRAM (PIP) ACCEPTANCE TESTING	P-1 ITEM NOMENCLATURE	P-1 ITEM NOMENCLATURE	P-1 ITEM NOMENCLATURE	P-1 ITEM NOMENCLATURE 018000, CARTRIDGE ACTUATED DEVICES/PROPELLANT ACTU Dollars in T	P-1 ITEM NOMENCLATURE D18000, CARTRIDGE ACTUATED DEVICES/PROPELLANT ACTUATED DE	Prior Years P.1 ITEM NOMENCLATURE 018000, CARTRIDGE ACTUATED DEVICES/PROPELLANT ACTUATED DEVICES Dollars in Thousands	P-1 ITEM NOMENCLATURE 018000, CARTRIDGE ACTUATED DEVICES/PROPELLANT ACTUATED DEVICES Dollars in Thousands	### P-1 ITEM NOMENCLATURE ### 018000, CARTRIDGE ACTUATED DEVICES/PROPELLANT ACTUATED DEVICES #### Dollars in Thousands #### Dollars in Thousands ####################################	P-1 ITEM NOMENCLATURE (018000, CARTRIDGE ACTUATED DEVICES/PROPELLANT ACTUATED DEVICES Dollars in Thousands Prior Years Provided Prior Years Provided Prior Years Provided Prior Years Prior Years

NOTE: (1) Contract award to 2 vendors. See P5A for unit cost.

NOTE: (2) Miscellaneous Devices encompasses the remaining 835 distinct devices procured under this budget item. These devices have yearly budget requirements that typically do not exceed \$500K.

Totals may not add due to rounding.

BUDGET PROCUREMEN	NT HISTORY	AND PLANNIN	G EXHIBIT (P-5A)		Weapon S				A. DATE	
					CADS/PAI				February 2	
B. APPROPRIATION/B	UDGET ACT	IVITY				C. P-1 ITEM NOMENCLATION OF THE CONTROL OF THE CONT		VICES/DBC	DELLANT	SUBHEAD
PROCUREMENT OF AM	MUNITION	NAVY & MARIN	F CORPS\BA 1			ACTUATED DEVICES	OAILD DL	VIOLO/I IXC	/ LLLAN	J1Q8
THOUGH EINER OF THE	moning,		2 COIL OLD/L			ACTORIES SEVICES				0.00
		Unit Cost			Contract Method &			Date of First	Specs	Date Revisions
Cost Element/FiscalYear	Qty	(\$000)	Location of PCO	RFP Issue Date	Туре	Contractor and Location	Award Date		Available Now	
STORES RELEASE										
JAU-22/B INITIATOR CTG (MF64)										
2007	105,000	17.31	NAVICP	Oct-06	C-FP	AMTEC CORPORATION, JANESVILLE, WI	Dec-06	Jun-07	Yes	N/A
0000	450.000	45.00	NAVIOD	0.1.07	0.50	BULOVA TECHNOLOGIES LLC	N 07	D 00	V	N/A
2008	150,000	15.99	NAVICP	Oct-07	C-FP	LANCASTER PA 17604	Nov-07	Dec-08	Yes	N/A
2009	105,000	18.96	NAVICP	Oct-08	C-FP	TBD	Apr-09	Apr-10	Yes	N/A
CCU-107 IMPULSE CTG										
(MT95)										
2007	120,000	6.00	NAVICP	Oct-06	C-FP	TECHNICAL ORDNANCE, INC., SAINT BONIFACIUS, MN	Mar-07	Jan-08	Yes	N/A
						CAPCO INCORPORATED				
2007	60,000	9.72	NAVICP	Oct-06	C-FP	GRAND JUNCTION, CO	Mar-07	Jan-08	Yes	N/A
2009	180,000	5.89	NAVICP	Oct-08	C-FP	TBD	Apr-09	Apr-10	Yes	N/A
<u>SAFETY</u>										
THERMAL BATTERY (CWDR)										
2007	130	4,384.62	NAVAIR	Oct-06	C-FP	MARTIN-BAKER A/CRT C, MIDDLESEX GB	May-07	Apr-08	Yes	N/A
2008	251	3,396.00	NAVAIR	Oct-07	C-FP	TBD	Apr-08	Apr-09	Yes	N/A
2009	251	3,407.00	NAVAIR	Oct-08	C-FP	TBD	Apr-09	Apr-10	Yes	N/A

(Page 3 of 4) DD Form 2446-1, JUL 87 (Exhibit P-5A, page 3 of 4)

BUDGET PROCUREMEN	NT HISTORY	AND PLANNIN	G EXHIBIT (P-5A)		Weapon S				A. DATE February 2	008
B. APPROPRIATION/BU			E CORPS\BA 1			C. P-1 ITEM NOMENCLA 018000, CARTRIDGE ACT ACTUATED DEVICES		VICES/PRO		SUBHEAD J1Q8
Cost Element/FiscalYear	Qty	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
MK 122 PARACHUTE DEPLOY RCKT MTR (MT29)										
2008	296	4,037.16	NAVICP	Oct-07	C-FP	TBD	Apr-08	Apr-09	Yes	N/A
2009	672	4,697.92	NAVICP	Oct-08	C-FP	TBD	Apr-09	Apr-10	Yes	N/A
MK 123 UNDERSEAT ROCKET MOTOR (MT30)										
2008	49	9,107.00	NAVICP	Oct-07	C-FP	TBD	Apr-08	Apr-09	Yes	N/A
2009 MK 124 UNDERSEAT ROCKET MOTOR (MT31)	49	9,197.00	NAVICP	Oct-08	C-FP	TBD	Apr-09	Apr-10	Yes	N/A
2008	107	9,107.00	NAVICP	Oct-07	C-FP	TBD	Apr-08	Apr-09	Yes	N/A
2009	107	9,197.00	NAVICP	Oct-08	C-FP	TBD	Apr-09	Apr-10	Yes	N/A
FLU-12/P INFLATOR (JL09) 2007	15,000	146.88	NAVICP	Oct-06	SS-FP	CONAX FLORIDA CORPORATION, SAINT PETERSBURG, FL	Dec-06	Jan-08	Yes	N/A
2009	15,178	140.19	NAVICP	Oct-08	C-FP	TBD	Apr-09	Apr-10	Yes	N/A

		ı	BUDGET IT	TEM JUST	IFICATIO	N SHEET					DATE:	
			P-40								Februa	ry 2008
APPROPRIATION/BUD	GET ACTIVI	TY					P-1 ITEM N	OMENCLAT	URE			
PROCUREMENT OF A	MMUNITION	, NAVY & MA	ARINE CORP	S\BA 1			018100, AIF	RCRAFT ES	CAPE ROC	KETS		
Program Element for Co	ode B Items:						Other Relate	ed Program	Elements			
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Quantity										0	0	•
Cost (\$M)	\$117.2	Α	\$11.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$128.2	

MISSION DESCRIPTION:

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 as part of aircraft emergency safety systems.

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

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

Multi-year Product Improvement Programs (PIP) consists of programs to ensure producibility and safety for the MK 122 PDRM, MK 123, MK 124, MK 100, MK 101, MK 86, MK 87, MK 88 USRMs (KU propellant and lead free double base), MK 121 TDRMS; and MK 79, MK 109, MK 113, MK 205 Rocket Motors.

FY07 provides funding to procure: MK 122 parachute deployment rocket motors (MT29), MK 123/124 underseat rocket motors (MT30/MT31), Reliability Life, Product Improvement Program (PIP), various miscellaneous devices, and associated support.

In FY08 BLI 018000 and 018100 were combined into one budget line item, 018000, with a new title of Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD).

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET FOR	AGGREC	SATED IT	EMS					DATE:			
	P-4	0a						February	2008		
APPROPRIATION/BUDGET ACTIVITY								NOMENCLA			
PROCUREMENT OF AMMUNITION, NAVY &	MARINE	CORPS\E	3A 1				018100,	AIRCRAF	T ESCAP	PE ROCKE	TS
	ID	Prior								То	
Procurement Items	Code	Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
Q9070 MK 122 PARACHUTE DEPLOY RCKT MTR (MT29)	Α										
Quantity			708								
Funding			2,968	0	0						
Q9080 MK 123 UNDERSEAT ROCKET MOTOR (MT30)	Α										
Quantity			28								
Funding			277	0	0						
Q9081 MK 124 UNDERSEAT ROCKET MOTOR (MT31)	Α										
Quantity			38								
Funding			376	0	0						
Q9130 MISC DEVICES UNDER \$500K	Α		3,207	0	0						
Q9800 INTEGRATED LOGISTICS SUPPORT (ILS)			291	0	0						
Q9820 RELIABILTY LIFE	Α		523	0	0						
Q9830 PRODUCTION ENRG SUPPORT (PES)-NAVY			1,369	0	0						
Q9850 PRODUCT IMPROVEMENT PROGRAM			912	0	0						
Q9860 Acceptance Testing			1,061	0	0						
<u> </u>											
Total P-1 Funding		117,200	10,984	0	0						•

Totals may not add due to rounding DD Form 2454, JUN 86

		E	BUDGET I	TEM JUST	ΓΙΓΙCΑΤΙΟ	N SHEET	•				DATE:	
			P-40								Februa	ry 2008
APPROPRIATION/	BUDGET ACTIVI	TY					P-1 ITEM N	OMENCLAT	URE			
PROCUREMENT C	OF AMMUNITION	, NAVY & M	ARINE COR	PS\BA 1			018200, AIF	R EXPENDA	BLE COUN	TERMEASU	JRES Y1QA	
Program Element for RDT&E 060427							Other Relat	ed Program	Elements			
	Prior Years	ID Code		FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity						_					Cont	Con
Cost (\$M)	\$389.6	A/B		\$80.6	\$84.6	\$79.8	\$80.6	\$82.1	\$83.9	\$85.6	Cont	Cont

MISSION DESCRIPTION:

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.

Chaff Countermeasures: Procurement of RR-129A operational round and RR-144A training rounds are in support of all airframes except the USMC KC-130J/T. Procurement of the RR144A and 1X1X8" RR188 training rounds are necessary because they do not interfere with Federal Aviation Administration (FAA) radars. The RR170A is the operational round procured in support of the KC-130J/T and UC-35D.

Active Jammers: The Advanced Airborne Expendable Decoy (AAED), part of the ALE-50 program, is being replaced by the Fiber Optic Towed Decoy (FOTD) which is currently in DT/OT. The FOTD is part of the Integrated Defensive Electronic Countermeasure (IDECM) Radio Frequency Countermeasure (RFCM) program. The unit price increase is a result of the revision to the cost model for the ALE-55 (FOTD) which eliminated USAF quantities - approximately 770 units per year and updated material and labor costs which was done to support the planned Milestone decision and evaluation of the LRIP contract award. AAED and FOTD were developed under PE 0604270N RDT&E, Project E2175.

IR Decoys: The MJU-49 is currently used by all aircraft except the KC130J. The SM875 is a dedicated, low cost training device. The transition of the manufacture of MJU55 from government to private industry will occur in FY 2008. The MJU57 provides a kinematic IRCM. Procurement of advanced spectral countermeasures (MJU66 and MJU67) will begin in FY 2009. Procurement of 1X1X8" MJU66 in support of KC-130J/T and UC-35D will begin in FY 2009, and the MJU-67 in support of strike, assault, and assault support on transport/reconnaissance aircraft will begin in FY 2010. The MJU63 and MJU65 are two chambered IRCM devices that represent the first pre-emptive IRCM. Product Improvement line will qualify MJU63, MJU65, MJU66 and MJU67, fund acquisition of test assets, Operational Assessment and stand-up of initial production capability of the spectral countermeasures at Crane Army Ammunition Activity.

Impulse Cartridges: Used to propel the self-protection devices away from the aircraft. The HERO safe CCU136A/A is used by all airframes except the C-130J. The CCU145A is a HERO safe version of and will replace the BBU35.

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.

Received \$7.966M in FY07 GWOT.

FY2008 funding total includes \$6.625M received in the 2008 Consolidated Appropriation Act, Division L.

FY2008 funding totals do not include \$6.625M previously requested for current FY2008 GWOT requirements.

UNCLASSIFIED

CLASSIFICATION:

Exhibit P-5 Cost Analysis						Weapon Syst	em					C	DATE:
													February 2008
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NO	MENCLATUR	E					
PROCUREMENT OF AMMUNITION, NAVY & MARINE CO	RPS/BA 1					018200, AIR E	XPENDABLI	E COUNTERME		QA			
								Dollars in T	housands			1	
Element of Cost		Prior Years		FY 2007			FY 2008			FY 2009			
Element of Gost	ID Code	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost		
ACTIVE JAMMERS	0000												
ALE-50 (AAED)	Α	40,009	335	23,824.00	7,981	250	24,000.00	6,000					
ALE-55 (FOTD)	В	6,937			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	345	81,820.39	28,228	558	44,306.75	24,723		
7.22 00 (1 0 1.5)		0,001				0.0	01,020.00	20,220	000	. 1,000.70	21,720		
IR DECOYS													
MJU-49/B DECOY DEVICE	Α	86,221	239,296	112.49	26,919	91,889	114.66	10,536	69,120	122.00	8,433		
MJU-55 COMPANION	Α	7,651	35,537	225.71	8,021	36,450	119.22	4,346	55,000	131.73	7,245		
MJU-55 COMPANION (FY07 SUPPLEMENTAL)	Α		17,280	150.34	2,598	-							
MJU-57 KINEMATIC	Α	19,460	46,000	170.00	7,820		165.00	6,600	45,000	160.00	7,200		
MJU-57 KINEMATIC (FY07 SUPPLEMENTAL)	Α		31,577	170.00	5,368			•	•				
MJU-57 KINEMATIC (FY08 SUPPLEMENTAL)	Α					40,152	165.00	6,625					
MJU-61	Α	531	10,000	70.56	706			•					
MJU-63	Α												
MJU-65	Α												
MJU-66	Α								70,400	188.00	13,235		
MJU-67	Α												
SM875B	Α	6,025	249,160	14.23	3,546	200,000	14.50	2,900	140,000	14.80	2,072		
IMPULSE CARTRIDGES													
CCU-136A/A (HERO SAFE)	Α	23,508	83,767	4.22	353	648,000	3.47	2,249	400,000	3.54	1,416		
CCU-145A	Α					140,000	9.00	1,260	60,000	9.18	551		
CHAFF COUNTERMEASURES													
RR-129A CHAFF CM	Α	16,475											
RR-144A TRAINING CHAFF	Α	5,474	119,719	9.22	1,104	86,400	9.45	816	86,400	9.64	833		
RR-170A CHAFF 1X1	Α	164	19,380	2.58	50	45,360	2.70	122					
SUPPORT COSTS													
ILS		6,328			847			1,091			1,059		
PRODUCTION ENGINEERING SUPPORT		43,837			4,311			3,849			4,160		
PRODUCT IMPROVEMENT PROGRAM		54,446			5,408			4,167			4,230		
ACCEPTANCE TEST & EVALUATION		72,560			5,577			5,851			4,649		
Total		389,625			80,607			84,640			79,805		

BUDGET PROCUREMEN	T HISTORY	AND PLANNIN	G EXHIBIT (P-5A)		Weapon S	ystem			A. DATE February 2	008
B. APPROPRIATION/BU	JDGET ACTI	VITY			ı	C. P-1 ITEM NOMENCLA	TURE		,	SUBHEAD
PROCUREMENT OF AMI	MUNITION, N	IAVY & MARIN	E CORPS\BA 1			018200, AIR EXPENDABLI	E COUNTE	RMEASURE	s	Y1QA
Cost Element/FiscalYear	Qty	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
ACTIVE JAMMERS										
ALE-50 (AAED)										
2007	335	23,824.00	WARNER ROBINS AFB, GEORGIA WARNER ROBINS	Feb-06	SS-FP	RAYTHEON COMPANY, GOLETA, CA RAYTHEON COMPANY,	Jun-07	Aug-08	YES	
2008	250	24,000.00	AFB, GEORGIA	Jan-07	SS-FP	GOLETA, CA	Apr-08	Jan-09	YES	
ALE-55 (FOTD)										
2008	345	81,820.39	NAVAIR	Jan-08	SS-FP	BAE SYSTEMS NASHUA, NH	Mar-08	Mar-09	YES	
2009	558	44,306.75	NAVAIR	Oct-08	SS-FP	BAE SYSTEMS NASHUA, NH	Nov-08	Feb-10	YES	
IR DECOYS										
MJU-32/B Rotary Wing Decoy										
2005	39,039	29.10	NAVICP	Dec-04	C-FP	KILGORE FLARES COMPANY LLC, TOONE, TN	Nov-04	Dec-05	YES	
MJU-49/B DECOY DEVICE										
2007	239,296	112.49	NAVICP	Oct-06	SS-FP	ALLOY SURFACES COMPANY, INC., ASTON, PA	Feb-07	Jun-07	YES	
2008	91,889	114.66	NAVICP	Oct-07	SS-FP	ALLOY SURFACES COMPANY, INC., ASTON, PA	Dec-07	Sep-08	YES	
2009	69,120	122.00	NAVICP	Oct-08	SS-FP	ALLOY SURFACES COMPANY, INC., ASTON, PA	Feb-09	Apr-09	YES	

BUDGET PROCUREMEN	NT HISTORY	AND PLANNIN	IG EXHIBIT (P-5A)		Weapon S	ystem			A. DATE February 2	008
B. APPROPRIATION/BU	JDGET ACT	IVITY				C. P-1 ITEM NOMENCLAT	TURE			SUBHEAD
PROCUREMENT OF AMI	MUNITION, N	NAVY & MARIN	E CORPS\BA 1			018200, AIR EXPENDABLE	COUNTE	RMEASURE	S	Y1QA
Cost Element/FiscalYear	Qty	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
MJU-55 COMPANION										
2006	32,640	150.34	CAAA	Aug-05	SS-FP	CRANE ARMY AMMUNI ACT C, CRANE IN	Feb-06	Oct-07	YES	
2007	14,400	150.34	CAAA	Dec-06	SS-FP	CRANE ARMY AMMUNI ACT C, CRANE IN	Mar-07	Jan-08	YES	
2007	21,137	277.05	NAVICP	Dec-06	C-FP	KILGORE FLARES COMPANY LLC, TOONE, TN	Mar-07	Jun-08	YES	
(SUPP) 2007	17,280	150.34	CAAA	Jun-07	SS-FP	CRANE ARMY AMMUNI ACT C, CRANE IN	Jun-07	Mar-08	YES	
2008	36,450	119.22	NAVICP	Dec-07	C-FP	CRANE ARMY AMMUNI ACT C, CRANE IN	May-08	Aug-08	YES	
2009	55,000	131.73	NAVICP	Dec-08	C-FP	TBD	Dec-08	Jan-09	YES	
MJU-57 KINEMATIC										
2006	39,550	170.00	CAAA	Jan-06	SS-FP	CRANE ARMY AMMUNI ACT C, CRANE IN	Feb-06	Jan-08	YES	
2007	46,000	170.00	CAAA	Jan-07	SS-FP	CRANE ARMY AMMUNI ACT C, CRANE IN	Nov-06	May-08	YES	
(SUPP) 2007	31,577	170.00	CAAA	Jun-07	SS-FP	CRANE ARMY AMMUNI ACT C, CRANE IN	Jun-07	Aug-08	YES	
2008	40,000	165.00	CAAA	Jan-08	SS-FP	CRANE ARMY AMMUNI ACT C, CRANE IN	May-08	Oct-08	YES	
(SUPP) 2008	40,152	165.00	CAAA	Jan-08	SS-FP	CRANE ARMY AMMUNI ACT C, CRANE IN	May-08	Jan-09	YES	
2009	45,000	160.00	CAAA	Jan-09	C-FP	CRANE ARMY AMMUNI ACT C, CRANE IN	Dec-08	Apr-09	YES	
MJU-61										
2007	10,000	70.56	CAAA	Jan-07	C-FP	CRANE ARMY AMMUNI ACT C, CRANE IN	Feb-07	Jul-07	YES	

BUDGET PROCUREMEN	IT HISTORY	AND PLANNIN	G EXHIBIT (P-5A)		Weapon S	ystem			A. DATE February 2	008
B. APPROPRIATION/BU	JDGET ACT	IVITY				C. P-1 ITEM NOMENCLAT	TURE			SUBHEAD
PROCUREMENT OF AMI	MUNITION, I	NAVY & MARIN	E CORPS\BA 1			018200, AIR EXPENDABLE	COUNTE	RMEASURE	ES	Y1QA
Cost Element/FiscalYear	Qty	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
MJU-66										
2009	70,400	188.00	NAVICP	Nov-08	C-FP	TBD	Apr-09	Jun-09	YES	
SM875B										
2006	250,841	14.42	NAVICP	Jan-06	C-FP	KILGORE FLARES COMPANY LLC, TOONE, TN	Jul-06	Nov-06	YES	
2007	249,160	14.23	NAVICP	Jan-07	C-FP	KILGORE FLARES COMPANY LLC, TOONE, TN	Mar-07	Nov-07	YES	
2008	200,000	14.50	NAVICP	Jan-08	C-FP	TBD	May-08	Nov-08	YES	
2009	140,000	14.80	NAVICP	Jan-09	C-FP	TBD	May-09	Nov-09	YES	
IMPULSE CARTRIDGES										
CCU-136A/A (HERO SAFE)										
2007	83,767	4.22	NAVICP	Dec-06	C-FP	CAPCO, INC GRAND JUNCTION,	Aug-07	Sep-07	YES	
2008	648,000	3.47	NAVICP	Dec-07	C-FP	TBD	May-08	Sep-08	YES	
2009	400,000	3.54	NAVICP	Dec-08	C-FP	TBD	May-09	Sep-09	YES	
CCU-145A										
2004	60,000	10.00	NAVICP	Jun-04	C-FP	STRESAU WEST, INC EDGEMONT, SC	Feb-06	May-07	YES	
2005	62,178	9.58	NAVICP	Jun-05	C-FP	STRESAU WEST, INC EDGEMONT, SC	Feb-06	Feb-08	YES	
2008	140,000	9.00	NAVICP	Jan-08	C-FP	TBD	May-08	Oct-08	YES	
2009	60,000	9.18	NAVICP	Jan-09	C-FP	TBD	May-09	Oct-09	YES	

BUDGET PROCUREMEN	NT HISTORY	AND PLANNIN	G EXHIBIT (P-5A)		Weapon S	ystem			A. DATE February 2	008
B. APPROPRIATION/B	UDGET ACT	IVITY				C. P-1 ITEM NOMENCLAT	URE			SUBHEAD
PROCUREMENT OF AM	MUNITION,	NAVY & MARIN	E CORPS\BA 1			018200, AIR EXPENDABLE	COUNTE	RMEASURE	S	Y1QA
Cost Element/FiscalYear	Qty	Unit Cost (\$000)	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now	Date Revisions Available
<u>CHAFF</u> <u>COUNTERMEASURES</u>										
RR-144A TRAINING CHAFF										
2007	119,719	9.22	NAVICP	Jan-07	C-FP	ARMTEC DEFENSE PRODUCTS CO INC, COACHELLA, CA	Apr-07	Aug-07	YES	
2008	86,400	9.45	NAVICP	Jan-08	C-FP	TBD	Apr-08	Dec-08	YES	
2009	86,400	9.64	NAVICP	Jan-09	C-FP	TBD	Apr-09	Dec-09	YES	
RR-170A CHAFF 1X1										
2007	19,380	2.58	NAVICP	Oct-06	C-FP	ARMTEC DEFENSE PRODUCTS CO INC, COACHELLA, CA	Apr-07	Dec-07	YES	
2008	45,360	2.70	NAVICP	Oct-07	C-FP	TBD	Apr-08	Mar-09	YES	

BUDGET PRODUCTION SCHI	EDULE,	P-21										ı	14/		Cuata			DATE		10115			ruary	2008						
PROCUREMENT OF AM	микит	ION	NAM	V Q N	ллы	NE C	OPP	9					VV	eapor	Syste	ŧΠ			TEM N						- ~ -					
PROCUREMENT OF AM	WUNII	ION,	IVAV	T CX IV	IAKII	NE C			4: D	_4_						Droou					ORNE	EXI	PENL	DABL	E C/N	1				
		11-						roduc	tion R	ate		_	LED					t Lea	dtimes									1.1		
H			nufactu		_		20	4.0	_		V		LT Pri			_T Afte	er		Initial			eorde			T-4-1			Unit		
ltem			and Lo		n		SR	1-8	-5	MA	X.	τ	o Oct	l		Oct 1			Иfg PL	ı		lfg PL	<u> </u>		Total			Meas	sure	
FOTD/IDECM			ua, NH			TBD		TBD		TBD						8						12			20			E		
AAED (ALE-50)			Goleta,			300		1680		3600						5						17			22			E		
MJU-49B	Alloy,	, Ches	ter Tw	nsh, P	PΑ	72		216		216						8						4			12			K		
MJU-55	Crane	e Arm	y Amm	o Acti	vity	12		60		108						7						9			16		1	K		
MJU-55	Kilgo	re Flai	res, To	one, T	N	12		60		108						5						15			20			K		
MJU-57	Crane	e Arm	y Amm	o Acti	vity	12		36		96						7						5			12			K		
MJU-66	TBD					TBD		TBD		TBD						TBD						TBD			TBD			K		
MJU-64	Alloy.	Ches	ter Tw	nsh, P	PΑ	46		72		72						8						6			14			K		
	,			ĺ		ì		FIS	SCAL YE	AR 2006												FI	SCAL YE	AR 2007	,					_
ITEM / MANUFACTURER	F	s	Q	D	В		2005		JO/12 12	.7111 2000			CAL	ENDAR	YEAR 20	206								CALENDA		2007				
TIEM, WATON TOTOLER	Y	V	T	E	A	_	1 1		. 1									_		_		_								В
		Ċ	Y	Ĺ	L	O C	N O	D E	J A	F E	M A	A P	M A	J	Ŋ	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	Ŋ	J	A U	S E	A
						T	V	Ċ	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	L
AAED (RAYTHEON)	05	AF	1257	1	1257	1												120	120	120	120	120	120	120	120	120	120	57		
, ,	06	AF	862	1	862	1	+		\vdash			1	Α					120	120	120	120	120	120	120	120	120	120	31		862
AAED (RAYTHEON) AAED (RAYTHEON)	06	AF N	335	1	335	1	\vdash						Α													Α	\vdash			335
AAED (RAYTHEON)	07	AF	934	1	934																				Α	А				934
MJU-49B (ALLOY)	07	N	239.3		239.3																	Α				0.1	5.1	18.0	18.0	198.1
MJU-55 (KILGORE)	07	N	21.1	1	21.1																		Α			0.1	0.1	10.0		21.1
MJU-55 (CAAA)	07	N	14.4		14.4																		Α							14.4
MJU-55 (CAAA) SUPPLEMENTAL	07	N	17.3		17.3																					Α				17.3
MJU-57 (CAAA)	06	N	39.6		39.6					Α																				39.6
MJU-57 (CAAA)	07	N	46.0		46.0														Α											46.0
MJU-57 (CAAA) SUPPLEMENTAL	07	N	31.6		31.6																					Α				31.6
										FI	ISCAL Y	EAR 20	80									FI	SCAL YE	EAR 2009)					
ITEM / MANUFACTURER	F	S	Q	D	В	20	007						CAL	ENDAR	YEAR 20	800								CALENDA	R YEAR	2009				
	Υ	V	T	E	A	0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	M	Α	М	J	J	Α	S	В
		С	Y	L	L	С	0	E	Α	E	Α	Р	Α	U	U	U	E	С	0	E	Α	Е	Α	Р	Α	U	U		E	L
						Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	
AAED (RAYTHEON)	06	AF	862		862	24	76	76	76	76	76	76	76	76	76	76	78													
AAED (RAYTHEON)	07	N	335		335											48	96	96	95											
AAED (RAYTHEON)	07	AF	934		934														1	96	120	120	120	120	120	120	117			
AAED (RAYTHEON)	80	N	250		250							Α									80	80	80	10						
FOTD/IDECM (BAE)	80	N	345		345						Α												15	20	20	40	40	40	40	130
FOTD/IDECM (BAE)	09	N	558		558	L.,						L.,							Α											558
MJU-49B (ALLOY)	07	N	239.3	41.2		18	18	18	18	18	18	18	18	18	18	18	0.1	40.0	40.0	40.0	40.0	40.0	40.5							
MJU-49B (ALLOY)	08	N	91.9		91.9			Α									17.9	12.3	12.3	12.3	12.3	12.3	12.5	40.0	40.0	40.0	4-4			
MJU-49B (ALLOY)	09	N	69.1	1	69.1									0.0	0.0	2.0						Α		18.0	18.0	18.0	15.1			
MJU-55 (KILGORE) MJU-55 (CAAA)	07 07	N N	21.1 14.4		21.1 14.4	l	+		0.5	12	1.9			8.6	8.6	3.9											-			
MJU-55 (CAAA) SUPPLEMENTAL	07	N	17.3		17.3				0.5	12	10.1	7.2																		
MJU-55 (TBD)	08	N	70.0	1	70.0	1					10.1	1.2	Α			4.8	8.6	8.6	17.3	17.3	13.4									
MJU-55 (TBD)	09	N	55.0		55.0								,,			7.0	0.0	0.0	17.0	Α		13.4	17.3	17.3	3.1					
MJU-57 (CAAA)	06	N	39.6	1	39.6				2.9	7.2	14.4	14.4	0.7																	
MJU-57 (CAAA)	07	N	46.0	1	46.0	1								14.4	14.4	3.5								Ī						
MJU-57 (CAAA) SUPPLEMENTAL	07	N	31.6	1	31.6	1										10.9	14.4	6.3												
MJU-57 (CAAA)	08	N	40.0		40.0								Α					8.2	14.4	14.4	3.0									
MJU-57 (CAAA) SUPPLEMENTAL	08	N	40.2		40.2								Α								11.4	14.4	14.4							
MJU-57 (CAAA)	09	N	45.0		45.0															Α				14.4	14.4	14.4	1.8			
MJU-64 (ALLOY)	05	N	46.5	41.5		5																								
MJU-66 (TBD)	09	N	70.4	1	70.4		1 1				1		1	1										Α	Ì	8.0	8.0	8.0	8.0	38.4

DD Form 2445, JUL 87

311 / 244

BUDGET PRODUCTION SCHE	DULE,	P-21																DATE			F	ebru	uary	200	8					
	Manufacturer's Name and Location MSR 1-8-5 MDECM BAE, Nashua, NH TBD TBD (ALE-50) Raytheon, Goleta, CA 300 1680 9B Alloy, Chester Twnsh, PA 72 216 5 Crane Army Ammo Activity 12 60 7 Crane Army Ammo Activity 12 36 TBD TBD TBD												Wea	apon	Sys	tem		P-1	ITEI	ΛN	OME	NC	LAT	URE	•					
PROCUREMENT OF AMM	UNIT	ION,	NAV	Y & I	MAR	INE (COI	RPS										018	3200) A	IRB	OR	NE	EX	PE	ND	ABL	LE C	:/M	
							Р	roducti	on F	Rate					Pro	cure	mer	nt Le	adtin	nes										
		Man	nufactu	ırer's								Α	LT P	rior	AL	T Af	ter	I	nitial		Re	eord	er					Un	it of	
Item	١	Name	and L	ocatio	TBD TBD TBD CA 300 1680 3600					X	t	o Oct	: 1	(Oct 1	1	Mt	g PL	Τ.	Mf	g Pl	LT	-	Tota			Mea	sure	;	
FOTD/IDECM	BAE,	Nash	ua, Nł	1	TBD TBD TBD 300 1680 3600 PA 72 216 216 ivity 12 60 108											8						12			20			Е		
AAED (ALE-50)	Rayth	eon,	Goleta	a, CA		TBD TBD 8 12 20 300 1680 3600 5 17 22 72 216 216 8 4 12							Е																	
MJU-49B	Alloy,	Ches	ster Tv	vnsh, l	PA	300 1680 3600 5 17 22 72 216 216 8 4 12					12			K																
MJU-55	Crane	e Arm	y Amn	no Act	ivity	300 1680 3600 72 216 216 12 60 108								7						9			16			K				
MJU-57	Crane	e Arm	y Amn	no Act	ivity	12		36		96						7						5			12			K		
MJU-66	TBD					TBD		TBD		TBD						TBD)					TBD)		TBE)		K		
								F	ISCA	YEAR 2	010											FISC	CAL Y	EAR :	2011					
ITEM / MANUFACTURER	F	S	Q	D	В	20	009					С	ALENE	AR Y	EAR :	2010							CA	LEND	AR YE	AR 2	011			1
	Υ	V C	T Y	E L	A L	0 0	N O	D F	J A	F	M A	A	M A	= -	J	A U	тω	00	N O	D F	J A	F E	M A	A P	M A	7 5	J	A U	S E	B A
						T	V	C	N	В	R	R	Y	N	L	Ğ	P	T	V	C	N	В	R	R	Υ	N	Ĺ	Ğ	P	L
FOTD/IDECM (BAE)	80	N	345	215	130	MSR 1-8-5 MAX TBD TBD TBD 300 1680 3600 72 216 216 12 60 108 12 36 96 TBD TBD TBD FISCAL YEAR 201 2009 O N D J F C O E A E T V C N B 40 40 40 10 38																								
FOTD/IDECM (BAE)	09	N	558		558	NSR				50	50	50	50	50	50	50	50	50	50	20							igsquare			
MJU-66 (TBD)	09	N	70.4	32	38.4	MSR 1-8-5 MA TBD TBD TBD 300 1680 3600 72 216 216 12 60 108 12 36 96 TBD TBD TBD FISCAL YEAR 2 2009 O N D J F C O E A E T V C N B 40 40 40 10																								

Remarks:

DD Form 2445, JUL 87 311 / 244

Previous editions are obsolete

		E	BUDGET I	TEM JUST	ΓΙΓΙCΑΤΙΟ	N SHEET	-				DATE:				
			P-40								February 2008				
APPROPRIATION/BUD	P-1 ITEM NOMENCLATURE														
PROCUREMENT OF A	CUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1 019400, JET ASSISTED TAKE OFF (JATO														
Program Element for Co	ode B Items:						Other Relate	ed Program	Elements						
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program				
Quantity				· · · · · · · · · · · · · · · · · · ·						Cont	Cont				
Cost (\$M)	\$37.5	Α	\$3.8	\$3.1	\$3.2	\$3.3	\$3.2	\$3.2	\$3.3	Cont	Cont				

MISSION DESCRIPTION: The JATOs currently in production is the MK117. JATOs are relatively small solid propellant rocket motors used to assist aircraft during takeoff as well as launch target drones and Unmanned Aerial Vehicles (UAV).

Intended use: Two MK117s are used to launch one BQM 74C target.

Product Improvement: Safety and reliability product improvement to qualify alternative hardware.

The current budget profile provides funding for MK117 procurement and associated support costs.

BUD	GET ITE	M JUSTI	FICATIO	N SHEE	T FOR A	GGREG	ATED IT	EMS			DATE:	
		P40	- A								Febru	ary 2008
APPROPRIATION/BUDGET AC	TIVITY						P-1 ITEM	NOMENC	ATURE			
PROCUREMENT OF AMMUNIT	ION, NAVY	& MARIN	E CORPS	\BA 1			019400,	JET AS	SISTED 1	AKE OF	F (JATOS)	
Procurement Items	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
MK 117 MOD O ROCKET MOTOR												
Quantity	Α	7,057	753	550	596					Conf	Cont	
Funding		27,169	3,116	2,328	2,593					Conf	Cont	
Other Costs		10,336	676	773	585					Cont	Cont	
Total P-1 Funding		\$37,504	\$3,792	\$3,101	\$3,178					Cont	Cont	
-												

CLASSIFICATION:	UNCLASSIFII	ED										
		Evhihit P	-40, BUDGET	ITEM IIISTIE	ICATION				DATE			
		LAIIIDIU	- 	11	IOATION				February 2008	3		
APPROPRIATION/BUDGE	T ACTIVITY					P-1 LINE ITE	M NOMENCLA	ATURE				
PANMC PROCUREMENT	OF AMMUNITI	ON, NAVY/BA	\ 1			MK 258 MOE	1 (FOR RAM	ICS)				
						SUBHEAD N	O. 71RA	BLI: 0196				
Program Element for Code	B Items					Other Related	l Program Eler	nents				
0604373N AIRBORNE MI	NE COUNTERN	MEASURES				0204302N						
											То	
	Prior Years	ID Code		FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
Quantity	0			0	0	0	0	0	0	0	CONT	0
COST												
(In Millions)	0.0	В		0.0	0.0	1.0	2.0	1.5	3.0	3.0	CONT	10.5

PROGRAM DESCRIPTION/JUSTIFICATION:

The Rapid Airborne Mine Clearance System (RAMICS) MIW program will satisfy the U.S. Navy's need for a rapid mine clearance capability required to neutralize near-surface and surface (floating) moored sea mines. RAMICS will use geo-location data provided by other minehunting and mine reconnaissance systems, use a laser system to reacquire targets and to direct the fire of supercavitating projectiles that will render the mines inoperable. RAMICS includes the following major subsystems and components:

- (a) GunSubsystem
- (b) Munition Subsystem MK258 Mod 1 Armor Piercing, Fin Stabilized, Discarding Sabot-Tracer (APFSDS-T)
- (c) Targeting Sensor Subsystem.
- (d) Fire Control Subsystem.

The system will be deployed from the MH-60S helicopter and will provide organic airborne mine defense as part of Littoral Combat Ship (LCS) Mine Warfare Mission Moduke. This capability will be of critical importance in littoral zones, confined straits, choke points, and the Amphibious Objective Area (AOA).

RAMICS procurements will be funded by WPN for the RAMICS combat system, PANMC for RAMICS projectile ammunition program.

CLASSIFICA	TION: UNCLASSIFIED											
	EXHIBIT P-5 COST ANALYSIS		Weapon Syste	em							DATE	
											February 2008	3
APPROPRIA [*]	TION/BUDGET ACTIVITY		ID Code		P-1 LINE ITE	M NOMENCLA	TURE					
PANMC PRO	CUREMENT OF AMMUNITION, NAVY/BA 1		В		MK 258 MOD	1 (FOR RAM	ICS)					
					SUBHEAD N	O. 71RA						
COST		ID	TOTAL COST	IN THOUSAN	IDS OF DOLL	ARS						
CODE	ELEMENT OF COST	Code	Prior		FY 2007			FY 2008			FY 2009	
	LELIVILIATION COST		Years		1 1 2007			1 1 2000			1 1 2003	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<u>EQUIPMENT</u>								·			
	Sponsor: N85 - EXPEDITIONARY WARFARE											
RA077	MK 258 MOD 1		0	0	0.0	0	0	0.0	0	3275	295.3	967
	N85 Subtotal		0			0			0			967
	TOTAL EQUIPMENT		0			0			0			967
	TOTAL		0			0			0			967

CLASSIFICA ^T	ΓΙΟΝ:	UNCLASSIFI	ED							
Evhibit I	DEA BROCHE	REMENT HIST	ODY AND DI	ANNUNC	Weapon Syst	em			DATE	
EXHIBIT	PSA, PROCUI	KEMENI HISI	ORT AND PL	ANNING					February 200)8
APPROPRIAT	TION/BUDGE	T ACTIVITY			P-1 LINE ITE	M NOMENCLA	ATURE		SUBHEAD	
PANMC PRO	CUREMENT (OF AMMUNITI	ON, NAVY/BA	A 1	MK 258 MOI	1 (FOR RAM	ICS)		71RA	
					BLIN: 0196					
COST ELEMENT	Quantity	UNIT	LOCATION	RFP ISSUE	CONTRACT	CONTRACTOR	AWARD	DATE OF	SPEC	DATE
FISCAL YEAR		COST	OF PCO	DATE	METHOD	AND LOCATION	DATE	FIRST	AVAIL	REVISIONS
					& TYPE			DELIVERY	NOW	AVAILABLE
FY 2009										
RA077										
MK 258 MOD 1	3275	295.3	TBD	TBD	TBD	TBD	TBD	TBD		

CLASSIFICATION:

UNCLASSIFIED

		BUD	GET ITEM JUST	IFICATION	SHEET				DATE:			
			P-4	10						Februa	ry 2008	
APPROPRIATION/BU	JDGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE				
PROCUREMENT	OF AMMUN	NITION, NAVY	& MARINE COR	PS/BA 1				5	"/54 GUN A	MMUNITIO	N	
Program Element for 0	Code B Items:						Other Related	Program Elen	nents			
SUBHEAD NO. A	1AC		BLIN: 0250	00								
	Prior Years	ID Code		FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total
QUANTITY												
COST (In Millions)				\$37.9	\$28.8	\$21.0	\$29.8	\$33.6	\$37.2	\$46.3		

ITEM DESCRIPTION/JUSTIFICATION:

5"/54 ammunition is fired from cruiser and destroyer type of combatant ships against air, surface, and shore targets. Program procures three types of propelling charges, five types of high-explosive projectiles, two specialty projectiles, two pure training rounds and several ancillary rounds (dummy, gage and test). Program also supports newly developed multi-function fuze and multi-option fuze modernization.

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.

CLASSIFICATION:

UNCLASSIFIED

			BUDGE	TITEM JUST	IFICATION	SHEET				DATE:			
				P-4	.0						Februa	ry 2008	
APPROPRIATION/BUDG	GET ACTIVI	ΓΥ						P-1 ITEM NO	MENCLATURE				
PROCUREMENT OF	F AMMUN	ITION, N	NAVY & MA	RINE CORP	S/BA 1					5"/54 GUN A	MMUNITIO	N	
Program Element for Cod	de B Items:							Other Related	Program Elem	ents			
SUBHEAD NO. A1A	C			BLIN: 0250	00								
	Prior Years	ID Code			FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total
QUANTITY													
COST (In Millions)					\$37.9	\$28.8	\$21.0	\$29.8	\$33.6	\$37.2	\$46.3		

CONTINUED:

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

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

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

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

SUPPLEMENTAL: Ammunition being procured with Supplemental Dollars.

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.

FY2007 funding total includes \$11.0M received in GWOT supplemental.

	WEAPONS SYSTE	EM COST A P-5	NALYSIS			Weapon Syst	tem							DATE: Februa	ry 2008
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & N	MARINE CO	RPS/BA 1			ID Code 025000	P-1 ITEM NON 5"/54 GUN SUBHEAD	AMMUNITIO							
			TOTAL COST	Γ IN THOUSA	NDS OF DOLL	ARS	•								
COST CODE	ELEMENT OF COST	ID Code	Prior Years		FY 2006			FY 2007			FY 2008			FY 2009	
0022		0000	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AC100	5in54 AMMUNITION COMPONENTS 5"/54 CHG, PROP, FULL, MK 67, PROJ,5/54 KE-ET 5"/54 PROJ, MULTI OPTION FUZE	D326 DA15 MOFN					25,884	595.50	15,414	9,360 6,720	655.61 1304.58	6,137 8,766	6,572 5,000	1597.34 1332.76	10,498 6,664
AC101	PROJ,5/54 KE-ET 5*/54 PROJ, MULTI OPTION FUZE	DA15 MOFN					8,232 5,248	1001.55 525.00	8,245 2,755						
AC830 AC850 AC893 AC894 AC895	PE/QA SMCA PRODUCTION ENGINEERING PRODUCT IMPROVEMENT RENOVATION COMPONENTS GAUGE REQUIREMENTS NON-STANDARD								21 2,350 2,733 5,857 274 239			28 2,403 3,247 7,880 362			33 2,513 866 385
CURTOT	IL (PAGE 1 OF P5)								37,888			28,823			20,959

DD FORM 2446, JUN 86

BUDGET PROCUREM	IENT HIST	ORY AND	PLANNING EXHIBI	T (P-5A)		Weapon System		A. DATE		
									February 20	08
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NO	MENCLATURE			SUBHEAD	
PROCUREMENT OF A	AMMUNITIO	ON, NAVY	& MARINE CORPS	/BA 1	5"/54 GUN A	MMUNITION			A1	AC
					BLIN: 02500	0				
Cost Element/	QUANTITY	UNIT	LOCATION	RFP ISSUE	CONTRACT METHOD	CONTRACTOR	AWARD	DATE OF FIRST	SPECS AVAILABLE	DATE REVISIONS
FISCAL YEAR	ζο/	COST	OF PCO	DATE	& TYPE	AND LOCATION	DATE	DELIVERY	NOW	AVAILABLE
AC100										
5in54 AMMUNITION COMP										
5"/54 CHG, PROP, FULL, M										
FY 2003	6114		JMC ROCK ISLAND	Oct-02	MIPR	MCALESTER AAP	Mar-04	May-08	YES	
FY 2005	32097		JMC ROCK ISLAND	Oct-04	MIPR	MCALESTER AAP	Feb-05	Jan-08	YES	
FY 2006	30223		JMC ROCK ISLAND	Oct-05	MIPR	MCALESTER AAP	Feb-06	Jun-09	YES	
FY 2007	25884	595.50	JMC ROCK ISLAND	Oct-06	MIPR	MCALESTER AAP	Dec-06	Jan-10	YES	
FY 2008	9360	655.61	JMC ROCK ISLAND	Oct-07	MIPR	UNKNOWN	Feb-08	May-10	YES	
PROJ,5/54 KE-ET DA15										
FY 2009	6572	1597.34	JMC ROCK ISLAND	Oct-08	MIPR	UNKNOWN	Feb-09	Sep-11	NO	Jul-08
5"/54 PROJ, MULTI OPTION	I N FUZE - NAV	I Y MOFN								
FY 2008	6720	1304.58	NSWC CRANE	Oct-07	CONTRACT	UNKNOWN	Mar-08	Feb-10	YES	
FY 2009	5000	1332.76	JMC ROCK ISLAND	Oct-08	MIPR	UNKNOWN	Mar-09	Feb-11	NO	Jul-08
AC101										
PROJ,5/54 KE-ET DA15										
FY 2007	8232	1001.55	NSWC CRANE	Oct-06	MIPR	CRANE AAA	Jul-07	Dec-08	YES	
5"/54 PROJ, MULTI OPTION	 FUZE - NAV	 Y MOFN								
FY 2007	5248	525.00	NSWC DAHLGREN	Oct-06	CONTRACT	KDI, CINCINNATI, OH	Dec-07	Sep-08	YES	
D. REMARKS										

D. REMARKS

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87

Appro	priation														F	Produc	ction \$	Sched	dule														[Date							
	rement Ammunition Navy	& Ma	rine	Cor	ps																																ebrua		800		
Budge	et Activity																					P-1 It	em N	lomer	ncla	ture										Subhe	ad No.				
1 Nav	y Ammunition																					5"/54	GUN	I AMN	MUN	IITION										A1AC					
			lυ	s		0	ct 1					Fiscal	Year 2	800										Fisc	cal Ye	ear 2009								Fisca	cal Year 2	2010					
Cost Code	Item/Mfr	Prg Yr	U / M	e r	Prog Qty	Acc	Bal		CY 0	7				(alend	ar Year	2008									Cale	ndar Y	ear 200	09							Calenda	ar Year 20	010			Later
			IVI	v		Prior	Due	Oct	Nov	Dec	Jan	Feb	Mar	Apr I	Лау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Ma	ar Apr May	/ Jun	Jul	Aug Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May J	un Ju	ıl Au	ıg Sep	,
						FY 08	FY 08																																		
AC100	D326 - 5"/54 CHG, PROP, FUL	L, MK 6	7, UN	IVER	SAL																																				
	MCALESTER AAP	03	K	N	6.1		6.1								6.1																										
	MCALESTER AAP	05	K	N	32.1		32.1				25.0	7.1																													
	MCALESTER AAP	06	K	N	30.2		30.2																				25.0	5.2													
	MCALESTER AAP	07	K	N	25.9		25.9																										25.0	.9							
	UNKNOWN	08	K	N	9.4		9.4					Α																									9.4				
	TOTALS				103.7		103.7				25.0	7.1			6.1												25.0	5.2					25.0	.9			9.4				
	•						•	•														1																			
							F	roduc	tion F	Rates				D-		, [Proc	urem	ent Le	ead	Time					Rema	arks:									
ı	Manufacture's Name and	Locat	ion			Min			1-8-	5		Max			ache O+	a	Ī							Ad	dmin	Lead Time	Ma	anu-	Total	1											
						Sust			1-0-	5		IVIAX			,									Pi	rior	After	fact	uring	After												
	LESTER AAP						7500			25000		50	0000											1-	-Oct	1-Oct	ti	me	1-Oct												
UNK	NOWN						7500)		25000		50	0000					Initial							5	5		22	27	1											
																		Reor	der (P	reviou	ıs Sou	ırce)			5	5		22	27	1											
																	•							P-1 l	Item	Shopping L	ist Ite	m No	Page No	1											
																										1			5	1											
•——											-																				•										

Appro	priation											Proc	luction	Sche	dule													Dat	e						
	rement Ammunition Navy	/ & Ma	rine	Corp	S																									Fe	bruar	y 2008			
Budge	et Activity																P-1	Item No	omenc	lature										Subhead	No.				
1 Nav	y Ammunition																5"/54	4 GUN	AMML	JNITIC	N									A1AC					
			ш	s	Pro	Oct	1		Fisc	al Year 2	2008							Fis	cal Yea	r 2009								Fis	scal Year	2010					
Cost Code	Item/Mfr	Prg Yr	7	S e r v	Pro _ g Qty	Acc	Bal	CY 07			С	alendar Ye	ar 2008								Caler	ndar Ye	ar 2009)						Calendar Y	ear 2010)		La	ater.
		'''	M	v	Qty	Prior	Due	Oct Nov Dec	Jan Feb	Mar	Apr N	ay Jun	Jul	Aug	Sep	Oct	Nov Dec	Jan Fe	b Mar	Apr	May	Jun	Jul	Aug	Sep Oct	Nov D	ec Ja	n Feb	Mar	Apr Ma	y Jun	Jul	Aug Se	р	
						FY 08	FY 08																												
AC100	DA15 - PROJ,5/54 KE-ET																																		
	UNKNOWN	09	K	N	6.6		6.6											А																-	6.6
	TOTALS				6.6		6.6																											(6.6
													1	1												ID									
				F			ŀ	Production Rates			Rea	ched					Proc	uremer						1		Remark	s:								
	Manufacture's Name and	Locati	on			Min Sust.		1-8-5	Max)+							dmin I Prior	_	Time fter	-	anu- uring		otal fter										
CRA	NE AAA						2500	3000		6000									1-Oct	1-	Oct	ti	me	1-	Oct										
UNK	NOWN						2500	3000		6000	-			Initia	I				5		5		31		36										
													╝	Reor	der (F	reviou	us Source)		5		5		31		36										
											-							P-	1 Item	Shop	ping L	_ist Ite	m No	Pag	e No										
																					11				6										

Procure	ement Ammunition Navy 8	k Mai	rıne	(`orn																												- 1					
				COIP	วร												D 4 1	tem N												- 1	t Subhe		uary	2008	3		
buuget	Activity																																0.				
1 Navy	Ammunition																5"/54	GUN													A1AC						
Cost		Pra	U		Pro	Oct 1			Fiscal Y	ear 2011									Fisca	l Year 2								1	Fisca	l Year 2							
Code	Item/Mfr	Prg Yr	U / M	r	g Qty	Acc Bal	CY 10				Calend	ar Year	2011									Calend	dar Year								Calenda						Later
				٧		Prior Due		Dec Jan	Feb M	lar Apr	May	Jun	Jul	Aug	Sep O	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul Aug	Sep	Oct No	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
						FY 11 FY 11																															
AC100	DA15 - PROJ,5/54 KE-ET																																				
L	JNKNOWN	09	K	Ν	6.6	6.6									3.0 3.0	0.6																					
Т	TOTALS				6.6	6.6									3.0 3.0	0.6																					
							Production	Rates				.					Pr	ocure	ment L	_ead ⁻	Time					Rer	narks:										
Ма	anufacture's Name and Lo	ocatio	on			Min Sust.	1-8-5		Max		eached D+	1							Adn Pri		ad Tir Aft		Mar factu		otal fter												
CRAN	IE AAA					2500		3000	60	00									1-C		1-C		tim	-	Oct												
UNKN	IOWN					2500		3000	60	_				nitial						5		5			36												
														Reord	er (Pre	vious	Sourc	e)		5		5	;	31	36												
													_						P-1 It	tem S	hoppi	ng Lis	st Item	No Pag	e No												
																						11			7												

Appro	priation										Prod	uction Sc	hedule													Date						
Procui	rement Ammunition Navy &	Mar	ine (Corps	3																							F	ebruary	2008		
Budge	t Activity															P-1 Ite	em No	menclati	ıre								Su	ıbhea	ad No.			
1 Nav	y Ammunition															5"/54	GUN	AMMUNI	TION								A1	AC				
			U	s ,	Pro _	Oct 1			Fisc	al Year 2008					-			Fiscal Yea	ar 2009							Fiscal '	ear 2010	0				
Cost Code	Item/Mfr	Prg Yr	/ M			Acc Bal	CY	07			Calendar Ye	ar 2008							C	alendar `	Year 2009						Ca	alenda	r Year 2010			Later
Oouc		l ''	М	v C	Qty	Prior Due	Oct No	v Dec J	an Feb	Mar Ap	r May Jun	Jul A	ug Se	Oct	Nov	Dec	Jan	Feb Mai	Apr M	lay Ju	ın Jul	Aug Se	Oct	Nov	Dec Jan	Feb I	∕ar Ap	pr N	May Jun	Jul Aug	Sep	1
					F	Y 08 FY 08																										
AC100	MOFN - 5"/54 PROJ, MULTI OPTI	ON FL	JZF -	NAVY																												
	UNKNOWN	08		N	6.7	6.7				Α																6.7				_		
	UNKNOWN	09		N	_	5.0												А												_		5.0
	TOTALS				1.7	11.7																				6.7				_		5.0
	TOTALO																															
																														_		+-
																																+
																																+
																																+
																																+
				_																												_
																																+
				_																												
												,																				
				L			Production	Rates			Reached					Proc	ureme	ent Lead	Time					Rema	arks:							
ľ	Manufacture's Name and Lo	ocatio	on			Min	1-8-	5	Max		D+							Admin	Lead Time	e l	Manu-	Total										
						Sust.			IVIGA			1 1						Prior	After	fa	cturing	After										
UNK	NOWN					4500		20000	6	00000] [1-Oct	1-Oct	t	time	1-Oct										
												In	itial					0	6	2	23	29										
												R	eorder	(Previo	us Sou	ırce)		0	6	2	23	29										
																		P-1 Item	Shopping	List I	tem No	Page No)									
																	ſ			11		8										
										•											•											

Appro	priation													Produ	uction	Sched	lule											Dat	te						
Procu	rement Ammunition Navy 8	Mar	ine (Corps																											Feb	ruary	2008	3	
Budge	et Activity																	P-1	tem N	omenclatu	ire									Subh	ead N	۱o.			
1 Nav	y Ammunition																	5"/54	GUN	AMMUNI	TION									A1A0					
			U	S F	ro	Oct 1					Fis	cal Year 201	1					-		Fiscal Yea	r 2012							Fi	iscal Year	2013					
Cost Code	Item/Mfr	Prg Yr	/ M		g Ac	oc I	Bal		CY 10				Cale	ndar Yea	ar 2011							Calendar Ye	ar 2012	2						Calen	dar Yea	ar 2013			Later
			М	۷ (Pri	ior E	Due	Oct	Nov	Dec Ja	n Feb	Mar A	pr May	Jun	Jul	Aug	Sep Oct	Nov Dec	Jan	Feb Mar	Apr	May Jun	Jul	Aug	Sep O	t Nov De	c Jan	Fel	b Mar	Apr	May	Jun	Jul	Aug Sep	1 1
					FY	11 F	Y 11																												
AC100	MOFN - 5"/54 PROJ, MULTI OPT	ON FL	JZE - I	NAVY																															
	UNKNOWN	08	K	N (6.7	7																													
	UNKNOWN	09	K	N s	5.0		5.0				5.0																								
	TOTALS			1	1.7 6.7	7 :	5.0				5.0																								
														l.						u .	1			1								<u> </u>		ı	
							F	Produ	ction I	Rates								Pro	curen	ent Lead	Time					Remarks	:								
ı	Manufacture's Name and L	ocatio	on		M	1in			405				Reach D+							Admin L		Time Ma	anu-	Tota	I										
					St	ust.			1-8-5		Max		D+							Prior			uring												
UNK	NOWN					45	500		2	0000		60000			1					1-Oct			me	1-00											
															1]	Initial				0		6	23	2											
							T								-			us Source)		0	t	6	23	2											ļ
				1			1								1 '		,				Shopi	ping List Ite													
				1											1							11		9	Ť										
										1														·											

Appro	priation											Produ	ıction	Sched	dule														D	ate						
	rement Ammunition Navy	& Ma	rine	Corp	3																										F	ebru	ary 2	2008		
Budge	et Activity																F	P-1 Ite	m Non	nencla	ature								•		Subhe	ad No				
1 Nav	y Ammunition																5	"/54 G	UN A	NMU	OITIV	N									A1AC					
			ш	S	ro	Oct 1			Fisca	al Year 20	08								Fisca	al Year 2	2009									Fiscal Yea	ır 2010					
Cost Code	Item/Mfr	Prg Yr	/	S F C V	g Ad	cc Bal	CY 07				Cale	ndar Yea	r 2008									Calend	dar Yea	r 2009							Calenda	r Year 2	2010			Later
			M	v C	lty Pri	ior Due	Oct Nov	Dec Ja	an Feb	Mar	Apr May	Jun	Jul	Aug	Sep	Oct	Nov [Dec Jar	n Feb	Mar	Apr	May	Jun	Jul	Aug	Sep Oct	Nov	Dec	Jan F	eb Ma	Apr I	May .	Jun	Jul Au	g Sep	
					FY	08 FY 0	8																													
AC101	DA15 - PROJ,5/54 KE-ET																																			
	CRANE AAA	07	К	N 8	3.2	8.2											:	3.0 3.0	2.2																	
	TOTALS				3.2	8.2											:	3.0 3.0	2.2																	
				_																							ID									
				⊢			Production F	Rates			Reach	ed					Р	rocure				-					Remar	KS:								
N	Manufacture's Name and	Locati	on			∕lin ust.	1-8-5		Max		D+									min Le			Ma		To											
CD A	NIT AAA			_	3			2222		2000			ļ							rior	Aft		factu	•	Af											
LINIZ	NE AAA NOWN					250		3000		6000				1 - 10 - 1						Oct	1-0		tin		1-0											
UINK	INOVVIN					250	0	3000		6000			1 1	Initial				,	_	5		5		31		36										
														Reor	der (P	reviou	ıs Sour	ce)		5		5		31		36										
																			P-1	item S	onopp	ing Li	st Iter	n No												
																			1			11			1	U										

Appro	priation											Prod	uction Sc	hedule														Date					
Procu	rement Ammunition Navy 8	k Mar	ine (Corps	3																									February	2008		
Budge	et Activity																P-1 Ite	em No	omenclat	ıre									Subh	ead No.			
1 Nav	y Ammunition																5"/54	GUN .	AMMUN	TION									A1AC	;			
			U	s	oro _	Oct 1				Fisc	al Year 200	3							Fiscal Yea	ar 2009								Fiscal Year	2010				
Cost Code	Item/Mfr	Prg Yr	/ M			Acc Ba	ıl	CY 07				Calendar Ye	ar 2008							Ca	alendar '	Year 200	09						Calen	dar Year 2010			Later
Oodc		''	М	v	Qty	Prior Du	e c	Oct Nov	Dec Jan	Feb	Mar Ap	or May Jun	Jul A	ug Sep	Oct	Nov	Dec	Jan	Feb Ma	Apr M	1ay Ju	un Ju	l Aug	Sep Oct	Nov	Dec	Jan	Feb Mar	Apr	May Jun	Jul Au	Sep	1 1
					F	Y 08 FY	_					- 7		3 - 1							,												
AC101	MOFN - 5"/54 PROJ, MULTI OPTI	ION FL	JZF -	NAVY																													
	KDI CINCINNATI, OH	07			5.2	5.:	2		A					5.2																			
	TOTALS			_	5.2	5.:	2							5.2																			
	1011120																																
																																	1
				Т			Pro	oduction F	Rates								Droc	urom	ent Lead	Timo					Rema	arks:							
١,	Manufacture's Name and L	ocatio	n	H		Min	<u> </u>					Reached	 				1100	urenn		Lead Time		Manu-	То	tol.									
	viarialactare o ritarrio aria E	ooun	J			Sust.		1-8-5		Max		D+						-	Prior	After	_	acturing											
KDI	CINCINNATI, OH			\dashv		45	00	2	20000	-	0000		1						1-Oct	1-Oct		time	1-0										
ייטו,	OHNOHNINATI, OH			+		45	00		.0000		0000		Ini	tial				-	0	6	_	23	_	29									
				\dashv									_	uai eorder (Drovic.	10 CV	irce)	-	0	6		23		29									
				+									_ K	oluei (EVIOL	uo ouu	iice)																
				+									-					-	r-i item	Shopping	11	nem N	o Page										
<u> </u>													1								11		1	1									

CLASSIFICATION:

UNCLASSIFIED

			BUDGET I	TEM JUST	IFICATION	SHEET				DATE:			
				P-4	0						Februa	ry 2008	
APPROPRIATION/BUDG	GET ACTIVI	ΓΥ						P-1 ITEM NO	//ENCLATURE				
PROCUREMENT O	F AMMUN	ITION, N	AVY & MARII	NE CORPS	S/BA 1				INTERMED	IATE CALIE	BER GUN A	MUNITION	
Program Element for Co	de B Items:							Other Related	Program Elem	ents			
SUBHEAD NO. A1A	AL		В	LIN: 02660	00								
	Prior Years	ID Code			FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total
QUANTITY													
COST (In Millions)					\$10.9	\$11.1	\$15.8	\$28.0	\$38.3	\$38.7	\$39.4		

ITEM DESCRIPTION/JUSTIFICATION:

The intermediate caliber cartridge is a family of fixed rounds of ammunition for use in shipboard intermediate caliber gun weapon systems (GWS). Navy's primary use for an intermediate caliber GWS will be to address both surface and air targets. United States Coast Guard's (USCG) primary use is drug interdiction, homeland defense, and Visit, Board, Search and Seize (VBSS). Intermediate caliber GWS are currently employed on US Navy guided missile frigates (FFGs) and US Coast Guard Cutters. An intermediate caliber GWS is designated for use on the new Littoral Combat Ship (LCS) and DD(X) class of US Navy ships and the USCG National Security Cutter. The program procures both High Explosive service rounds as well as Target Practice and dummy rounds for this GWS.

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 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.

DD Form 2454, JUN 86

UNCLASSIFIED

			BUDGET I	TEM JUST	IFICATION	SHEET				DATE:			
				P-4	0						Februa	ry 2008	
APPROPRIATION/BUDG	GET ACTIVI	ΓΥ						P-1 ITEM NO	//ENCLATURE				
PROCUREMENT O	F AMMUN	ITION, N	AVY & MARII	NE CORPS	S/BA 1				INTERMED	IATE CALIE	BER GUN A	MUNITION	
Program Element for Co	de B Items:							Other Related	Program Elem	ents			
SUBHEAD NO. A1A	AL		В	LIN: 02660	00								
	Prior Years	ID Code			FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total
QUANTITY													
COST (In Millions)					\$10.9	\$11.1	\$15.8	\$28.0	\$38.3	\$38.7	\$39.4		

CONTINUED:

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.

SUPPLEMENTAL: Ammunition being procured with Supplemental Dollars.

Ammo procured with these funds is procured both through the Single Manager for Conventional Ammunition (SMCA) and Naval Surface Warfare Centers. The most recent SMCA standard/non-standard price list has been used in pricing the SMCA-procured ammo. Pricing for Non-SMCA items has been developed using engineering estimates and recent contract pricing.

FY2007 funding total includes \$0.027M received in GWOT supplemental.

	WEAPONS SYSTE	M COST A -5	NALYSIS	Weapo	on System							DATE: Februa	ary 2008
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & M		RPS/BA 1	ID Coc 02660			SUBHEAD BER GUN AN	IMUNITION					
			TOTAL COST IN THOUS	SANDS OF DOLLARS									
COST CODE	ELEMENT OF COST	ID Code	Prior Years			FY 2007			FY 2008			FY 2009	
			Total Cost		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	INTERMEDIATE CALIBER GUN AMMUNI CART., 57MM, 3P MK295 CART., 57MM TP MK296 CART., 57MM DUMMY, RAMMABLE INTERMEDIATE CALIBER SERVICE INTERMEDIATE CALIBER TRAINING	TION COMP BA22 BA23 57DM ICSV ICTP	PONENTS		3,290	3088.75	10,162	3,958 1,979 1,304	810.00 3050.00 810.00	6,037	3,418 402	4186.12 1579.13	,
	CART., 57MM, 3P MK295 PE/QA SMCA	BA22			9	3088.75	27						
AL830 AL894	PRODUCTION ENGINEERING GAUGE REQUIREMENTS						627 96			779 57			789 48
OUDTO:	L (PAGE 1 OF P5)						10,912			11,135			15,780

DD FORM 2446, JUN 86

UNCLASSIFIED

COST Element COST	DATE	A. DATE	Weapon System		T (P-5A)	PLANNING EXHIBI	ORY AND F	ENT HISTO	BUDGET PROCUREM
NTERMEDIATE CALIBER GUN AMMUNITION, NAVY & MARINE CORPS/BA 1	February 2008								
COST Element COST	SUBHEAD		ENCLATURE	C. P-1 ITEM NOM				ACTIVITY	B. APPROPRIATION/BUDGET
Cost Element/ FISCAL YEAR QUANTITY	A1AL	JNITION	TE CALIBER GUN AMMU	INTERMEDIA	/BA 1	& MARINE CORPS	N, NAVY	MMUNITIC	PROCUREMENT OF A
Cost Element/ FISCAL YEAR QUANTITY)	BLIN: 026600					
AL100 INTERMEDIATE CALIBER GUN AMMUNITION COMPONENTS CART., 57MM, 3P MK295 BA22 FY 2007 3290 3088.75 NSWC CRANE COC1-06 CONTRACT									
INTERMEDIATE CALIBER GUN AMMUNITION COMPONENTS CART., 57MM, 3P MK295 BA22 FY 2007 3290 3418 4186.12 NSWC CRANE Oct-06 CONTRACT CONTRACT UNKNOWN May-08 May-10 YES FY 2009 CART., 57MM TP MK296 BA23 FY 2006 1843 1509.60 NSWC CRANE Oct-05 CONTRACT CONTRACT UNKNOWN Mar-09 Mar-11 NO CART., 57MM DUMMY, RAMMABLE 57DM FY 2009 402 1579.13 NSWC CRANE Oct-07 CONTRACT UNKNOWN Mar-09 Sep-10 NO INTERMEDIATE CALIBER SERVICE ROUND ICSV FY 2008 1979 3050.00 NSWC CRANE Oct-07 CONTRACT UNKNOWN Mar-08 Mar-10 YES CONTRACT UNKNOWN Mar-08 Mar-10 YES INTERMEDIATE CALIBER TRAINING ROUND ICTP FY 2008 1304 810.00 NSWC CRANE Oct-07 CONTRACT UNKNOWN Mar-08 Mar-10 YES AL101 CART., 57MM, 3P MK295 BA22								QUANTITY	
CART., 57MM, 3P MK295 BA22 FY 2007 FY 2009 3418 3290 3088.75 NSWC CRANE Oct-06 CONTRACT CONTRACT CONTRACT UNKNOWN May-08 May-10 YES CONTRACT UNKNOWN Mar-09 Mar-11 NO CART., 57MM TP MK296 BA23 FY 2006 FY 2008 3958 810.00 NSWC CRANE Oct-05 CONTRACT CONTRACT CONTRACT CONTRACT UNKNOWN Mar-09 Mar-11 NO CART., 57MM DUMMY, RAMMABLE 57DM FY 2009 402 1579.13 NSWC CRANE Oct-07 CONTRACT UNKNOWN Mar-09 Sep-10 NO INTERMEDIATE CALIBER SERVICE ROUND ICSV FY 2008 1979 3050.00 NSWC CRANE Oct-07 CONTRACT UNKNOWN Mar-08 Mar-10 YES AL101 CART., 57MM, 3P MK295 BA22									AL100
FY 2007 3290 3088.75 NSWC CRANE Oct-06 CONTRACT UNKNOWN May-08 May-10 YES						 ONENTS 	TION COMPO	-	
FY 2009 3418 4186.12 NSWC CRANE Oct-08 CONTRACT UNKNOWN Mar-09 Mar-11 NO CART., 57MM TP MK296 BA23 FY 2006 1843 1509.60 NSWC CRANE Oct-07 CONTRACT UNKNOWN Mar-08 APr 07 YES FY 2008 3958 810.00 NSWC CRANE Oct-07 CONTRACT UNKNOWN Mar-08 Sep-09 YES CART., 57MM DUMMY, RAMMABLE 57DM FY 2009 402 1579.13 NSWC CRANE Oct-08 CONTRACT UNKNOWN Mar-09 Sep-10 NO INTERMEDIATE CALIBER SERVICE ROUND ICSV FY 2008 1979 3050.00 NSWC CRANE Oct-07 CONTRACT UNKNOWN Mar-08 Mar-10 YES INTERMEDIATE CALIBER TRAINING ROUND ICTP FY 2008 1304 810.00 NSWC CRANE Oct-07 CONTRACT UNKNOWN Mar-08 Sep-09 YES AL101 CART., 57MM, 3P MK295 BA22	Mov. 40 VES	May 09 May 10	LINICALONANI	CONTRACT	Oct 06	NOWC CDANE	2000 75	-	
CART., 57MM TP MK296 BA23 FY 2006 FY 2008 Sep-09 FY 2008 Sep-09 FY 2009 CART., 57MM DUMMY, RAMMABLE 57DM FY 2009 FY 2009 FY 2008 Sep-10 FY 2008 FY 2008 Sep-10 FY 2008 FY	•								
FY 2006	Ivial-11 Ivo Jul-00	IVIAI-US IVIAI-II	ONKINOVIN	CONTRACT	OG-00	NOVIC CRANE	4100.12	3410	F1 2009
FY 2006								123	CART 57MM TP MK296 B/
FY 2008 3958 810.00 NSWC CRANE Oct-07 CONTRACT UNKNOWN Mar-08 Sep-09 YES CART., 57MM DUMMY, RAMMABLE 57DM FY 2009 402 1579.13 NSWC CRANE Oct-08 CONTRACT UNKNOWN Mar-09 Sep-10 NO INTERMEDIATE CALIBER SERVICE ROUND ICSV FY 2008 1979 3050.00 NSWC CRANE Oct-07 CONTRACT UNKNOWN Mar-08 Mar-10 YES INTERMEDIATE CALIBER TRAINING ROUND ICTP FY 2008 1304 810.00 NSWC CRANE Oct-07 CONTRACT UNKNOWN Mar-08 Sep-09 YES AL101 CART., 57MM, 3P MK295 BA22	Apr-07 YES	Apr-06 Apr-07	B A E SYSTEMS LAND & ARI	CONTRACT	Oct-05	NSWC CRANE	1509.60		
FY 2009	•								
INTERMEDIATE CALIBER SERVICE ROUND ICSV FY 2008							И	 MABLE 57D	CART., 57MM DUMMY, RAN
FY 2008	Sep-10 NO Jul-08	Mar-09 Sep-10	UNKNOWN	CONTRACT	Oct-08	NSWC CRANE	1579.13	402	FY 2009
INTERMEDIATE CALIBER TRAINING ROUND ICTP FY 2008							JND ICSV	i ERVICE ROL	INTERMEDIATE CALIBER S
FY 2008	Mar-10 YES	Mar-08 Mar-10	UNKNOWN	CONTRACT	Oct-07	NSWC CRANE	3050.00	1979	FY 2008
AL101 CART., 57MM, 3P MK295 BA22								RAINING RO	
CART., 57MM, 3P MK295 BA22	Sep-09 YES	Mar-08 Sep-09	UNKNOWN	CONTRACT	Oct-07	NSWC CRANE	810.00	1304	FY 2008
CART., 57MM, 3P MK295 BA22									AL 101
								A22	
THE 2007 TO STEEL TO STEEL TO STANKE TO SEE TO STANKE TO SEE THE SEE T	May-10 YES	May-08 May-10	UNKNOWN	CONTRACT	Oct-06	NSWC CRANE	3088.75	9	FY 2007
D. REMARKS									D. DEMARKS

Appro	priation										Produ	iction Sch	edule													D	ate					
Procu	rement Ammunition Navy &	Mari	ne C	Corp	S																								February	2008		
Budge	t Activity															P-1 It	em No	omencla	ature									Subh	ead No.			
1 Nav	y Ammunition															INTE	RMED	DIATE C	ALIB	ER GU	N AM	MUNITION						A1AL				
			U	s	Pro	Oct 1			Fisc	al Year 2008								Fiscal Y	ear 20	009							Fiscal Year	2010				
Cost Code	Item/Mfr	Prg Yr	/ M			Acc Bal	CY 07	7			Calendar Yea	r 2008								Cal	lendar \	Year 2009						Calend	dar Year 2010			Later
			M	v	Qty P	Prior Due	Oct Nov	Dec Jan	Feb	Mar Apr	May Jun	Jul Au	g Sep	Oct	Nov	Dec	Jan	Feb N	Иar	Apr Ma	ay Ju	ın Jul Aı	ıg Sep Od	t Nov	Dec Ja	an F	Feb Mar	Apr	May Jun	Jul Aug	Sep	
					F	Y 08 FY 08																										
AL100	BA22 - CART., 57MM, 3P MK295																															
	UNKNOWN	07	K	N	3.3	3.3					A																		3.3			
	UNKNOWN	09	K	N	3.4	3.4													Α													3.4
	TOTALS				6.7	6.7																							3.3			3.4
								_																								
				ŀ			Production	Rates		<u> —</u> Б	Reached					Prod	curem	ent Lea						Rem	arks:							
	Manufacture's Name and Lo	catio	n			Min	1-8-5	5	Max		D+						L			d Time	_		Total									
1.15.11.7	NOMAL			\dashv		Sust.												Prior		After		-	After									
UNK	NOWN					10000		12600	3	35280								1-Oc		1-Oct			1-Oct									
												Init					-	6	_	6	_ _	24	30									
				_								Re	order (Previou	us Sou	ırce)		6		6		24	30									
				_													-	P-1 Ite	m Sh			tem No P	age No									
<u> </u>																				1	12		5									

Appro	priation														Production	on Sch	edule																Date)							
	rement Ammunition Navy &	Mai	ine	Corp	os																																uary 2	2008			
Budge	t Activity																			P-1 l	tem N	lomen	clature	е											Subh	ead N	lo.				
1 Nav	/ Ammunition																			INTE	RME	DIATE	CALI	BER GUN	MA N	MUNI	TION								A1AL						
0		D	U	S	Pro	Oc	t 1					Fisc	al Year 2	2011								Fisca	al Year 2	2012									Fisc	cal Year	2013						
Cost Code	Item/Mfr	Prg Yr	/ M	e r	g Qty	Acc	Bal		CY 1	0					Calendar Year 20	11								Cale	endar \	ear 201	12								Calen	dar Yea	r 2013				Later
			IVI	٧	Qty	Prior	Due	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May Jun J	ul Aug	g Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr May	y Ju	n Jul	I Au	ig Sep	Oc	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun -	Jul /	Aug	Sep	
						FY 11	FY 11																																		
AL100	BA22 - CART., 57MM, 3P MK295																																								
					3.3	3.3																																			
	UNKNOWN	09	K	N	3.4		3.4						3.4																												
	TOTALS				6.7	3.3	3.4						3.4																												
																													1	In											
				-				Produ	iction	Rate	S T			R	eached	-				Pro	curen	nent Le								Ren	narks:										
ľ	Manufacture's Name and Lo	cati	on			Min			1-8-5	;		Max			D+									ad Time	_	/lanu-		Total													
1 15 17 2	NOMAL			_		Sust					<u> </u>											Pri		After		cturing	-	After													
UNK	NOWN						10000	<u> </u>	1	2600)	3	35280									1-C		1-Oct	-	time	_	1-Oct	4												
											<u> </u>					Initi							6	6	_	24	_	30	4												
								<u> </u>			<u> </u>					Red	order	Previo	ous So	ource)			6	6		24	_	30	4												
								<u> </u>			<u> </u>											P-1 I	tem S	Shopping I		em No	o P	age No)												
<u> </u>								<u> </u>			<u> </u>													1:	2			6													

Appro	opriation															Produ	ıction	Sche	dule														Date								
	urement Ammunition Navy 8	k Ма	rine	Corp	os																																uary	200	8		
Budg	et Activity																					P-1 It	tem N	lomen	clatur	е								;	Subhe	ead N	lo.				
1 Nav	vy Ammunition																					INTE	RME	DIATE	CAL	IBER GUI	N AMM	UNITION	ı						A1AL						
			U	s	Pro	Oc	ct 1					Fisca	l Year 2	2008										Fisca	al Year	2009							Fisca	al Year 2	2010						
Cost Code		Prg Yr	/ M	-	g	Acc	Bal		CY 07	7					Calen	dar Yea	r 2008									Cale	endar Yea	ar 2009							Calend	lar Yea	r 2010				Later
			IVI	v	Qty	Prior	Due	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr May	y Jun	Jul Au	ug Sep	Oct	Nov Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
						FY 08	FY 08																																		
AL100	BA23 - CART., 57MM TP MK296																																								
	B A E SYSTEMS LAND & ARMAN	06	K	N	1.8	.5	1.3			1.3																															
	UNKNOWN		K				4.0						Α																4.0	1											
	TOTALS				5.8	.5	5.3			1.3																			4.0	1											
	- I			1	<u> </u>			1										1									1		- 1	-	1	1		1							
								Produ	ction	Rates												Pro	curem	nent L	ead T	ime					Remarks:										
	Manufacture's Name and L	ocat	ion			Min			105	-		Max		R	eache D+	ed								Adr	min Le	ead Time	Ma	ınu-	Total												
						Sust	t.		1-8-5)		Max			DŦ									Pri	ior	After	factu	uring	After												
ВА	E SYSTEMS LAND &	AF	RMA	AME			2300)		7500		1:	5000				1							1-0	Oct	1-Oct		-	1-Oct												
	KNOWN						2300			7500			5000				1	Initia	I						6	6		18	24	7											
													i					Reor	der (F	reviou	ıs Sou	ırce)			6	6		18	24	1											
													i													Shopping			age No	,											
																										1:			7	1											
								•		- 1																				- 1											

Appro	priation										Produ	uction	Sched	dule													Date					
Procu	rement Ammunition Navy & et Activity	& Marir	e Coi	rps																									Februa	ry 2008		
Budge	et Activity															P-1 It	em N	lomenclatui	е									Sub	head No.			
1 Nav	y Ammunition															INTE	RME	DIATE CAL	IBER GUN	I AMMI	UNITIO	N						A1A	.L			
			s		Oct 1					Fiscal Year 2008								Fiscal Year	2009								Fiscal Yea	r 2010				
Cost Code	Item/Mfr	Prai	y e	Prog Qty	Acc	Bal	С	Y 07			Calendar Yea	ar 2008							Cale	ndar Yea	r 2009							Cale	ndar Year 20	10		Later
			v			Due O	ct	Nov	Dec Jan	Feb Mar Apr	May Jun	Jul	Aug	Sep	Oct	Nov Dec	Jan	Feb Mar	Apr May	Jun	Jul A	Aug Se	p Oct	Nov	Dec	Jan	Feb Mar	Apr	May Ju	n Jul Aug	Sep	
					FY 08 F	Y 08																										
AL100	57DM - CART., 57MM DUMMY, R	AMMAB	LE																													
	UNKNOWN	09	(N	.4		.4												А													.4	
	TOTALS			.4		.4																									.4	
				I		Pro	ducti	on Ra	ates							Pro	curon	nent Lead T	ime				1	Rem	arks:							
,	Manufacture's Name and L	ocatio	1		Min	1					Reached					F100	Juiell		ead Time	Ma	nu-	Total										
		0000.			Sust.		1-	-8-5		Max	D+							Prior	After	factu		After										
UNK	NOWN			1								1						1-Oct	1-Oct		ne	1-Oct										
31410				1								1	Initial					0	6	_	18	24										
				1								1			reviou	s Source)		0	6	_	18	24										
				t								1		(I	. 5 1 1 5 0	- Jourso)		P-1 Item S				Page N	_									
				t								1						. I ROM	12			8	Ť									
ь				1								1							12					1								

Budget Activity	AL 0 Later	Subhead No. A1AL Fiscal Year 2010 Calendar Year 2010							uro	oonalat	N.	ID 4 I											3	orps	ne Co	Marir		Drocur
Navy Ammunition	AL 0 Later 2010 Later	A1AL Fiscal Year 2010 Calendar Year 2010							uro	aanalat	NI.	7																
Cost Removal from the first part of the first pa	0 Later	Fiscal Year 2010 Calendar Year 2010							uie	lencial	tem ivo	P-11															get Activity	Budget
Cost Code Hem/Mfr Pry V V V V V V V V V	alendar Year 2010 Later	Calendar Year 2010			N	TION	MMUNIT	GUN A	LIBER	ATE CA	RMED	INTE															avy Ammunition	1 Navy
The property of the property			Fiscal Ye						ar 2009	Fiscal Ye							r 2008	Fiscal Ye					Oct 1	3 Pro	, s			
AL100 ICSV-INTERMEDIATE CALIBER SERVICE ROUND N 20 2.0 A A	pr May Jun Jul Aug Sep	Feb Mar Apr May Jun		•		9	ar Year 2009	Calenda						•	800	alendar Year 2				07	CY 07	Bal	g Acc Ba	. g	, e	Prg Yr	e Item/Mfr	
			Nov Dec Jan Feb Ma	Oct Nov D	Aug Sep Od	l Aug	Jun Jul	May	r Apr	eb Ma	Jan	v Dec	Oct N	Sep	lul Aug	ay Jun	Apr	Feb Ma	c Jan	v Dec	Oct Nov	Due	Prior Du	, Qt	M	''		
UNKNOWN 08 K N 2.0 2.0 A 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0																						FY 08	FY 08 FY					
UNKNOWN 08 K N 2.0 2.0 A 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0)	DUND	CE RC	SERVI	ICSV - INTERMEDIATE CALIBER	AL100
TOTALS		2.0	2.															А				2.0						
		2.0	2.																			2.0	2.0 2.	2.0			TOTALS	
	 																											
	 																							+				
																								-				
																								-				
Production Rates Progurement Lead Time Remarks:			amarka.	Domorle													_			D-4-	Dan de estina							
Reached Reached Reached			emarks.	Remark							curem	Pro			-	ched	Re		es	1 Rate	Production	F		-				
Manufacture's Name and Location Min 1-8-5 Max D+ Admin Lead Time Manu- Total								_	_		F							Max		5	1-8-5				n	ocatio	Manufacture's Name and L	IV.
Sust. Prior After facturing After						·	_																	\bot				
UNKNOWN 10000 12600 35280 1-Oct 1-Oct time 1-Oct				4				_			L)	3528	00	1260		0000	100				KNOWN	UNK
Initial				1							L																	
Reorder (Previous Source) 0 6 24 30				1								ource)	vious	der (Pr	Reor													
P-1 Item Shopping List Item No Page No				1			t Item No		Shoppi	-1 Iten	L																	
12 9					9	9		12																				

Appro	priation											Р	roduc	ction S	Schedule													ate						
Procui	rement Ammunition Navy & t Activity	Mari	ne Co	orps																										Febr	uary	2008		
Budge	t Activity																P-1 It	em No	mencl	lature	!								S	Subhead N	lo.			
1 Nav	y Ammunition																INTE	RMED	IATE (CALIE	BER GUN	I AMN	IUNITION						Α	A1AL			_	
			U S	Pro	,	Oct 1				Fiscal Year	2008								Fiscal '	Year 20	009							Fiscal Y	ear 20	010				
Cost Code	Item/Mfr	Prg Yr	/ M r	g Qty		c Bal		CY 07				Calenda	r Year	2008							Caler	ndar Ye	ar 2009						C	Calendar Yea	r 2010			Later
			IVI V	, Qty	Pric	or Due	Oct	Nov D	ec Jan	Feb Mar	Apr	May	Jun	Jul	Aug Sep	Oct Nov	Dec	Jan	Feb I	Mar	Apr May	Jun	Jul Aug	Sep	Oct Nov	Dec	Jan	Feb M	lar .	Apr May	Jun	Jul Aug	Sep	
					FY	08 FY 08	3																											
AL100	ICTP - INTERMEDIATE CALIBER	TRAIN	ING R	DUND																														
	UNKNOWN	80	K I	N 1.3	3	1.3				А														1.3										
	TOTALS			1.3	3	1.3																		1.3										
						·													·							·								
							Produ	ction Ra	tes								Pro	cureme	ent Lea	ad Tir	me				Ren	narks:								
N	Manufacture's Name and L	ocatio	n		N	/lin					R	eached		ŀ							ad Time	Ma	anu- To	otal	1									
						ust.		1-8-5		Max		D+						-	Prio		After	#		fter										
UNK	NOWN			+		230	0	75	00	15000									1-00		1-Oct		-	Oct										ļ
				1										l,	Initial			F	0		6	1		24	1									ŀ
				1												revious So	urce)	F	0		6			24	1									ļ
														E	(-		/				nopping L	ist Ite		je No	1									ļ
				\top														F		3.	12			10	1									ļ
							-																	-										

Approp	oriation											Prod	uction	Sched	lule															Date						
	ement Ammunition Navy &	Marir	ne C	orps	S																											Februar	y 2008	}		
Budge	t Activity																	P-1 It	em No	menc	lature										Subh	ead No.				
1 Navy	/ Ammunition																	INTER	RMED	IATE (CALIB	ER GU	IN AN	1MUN	ITION						A1AI	-				
				s p	Pro	Oct 1				Fisca	al Year 2008									Fiscal	Year 20	09								Fiscal Yea	ar 2010					
Cost Code	Item/Mfr	Prg Yr	U / M	e r v	g Acc Qty	Bal	С	Y 07				Calendar Yea	ar 2008		•							Ca	lendar '	Year 20	009						Caler	dar Year 201)			Later
			М	۰ ۲	Qty	Due	Oct 1	VoV	Dec Jan	Feb	Mar Apr	May Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar .	Apr Ma	ay Ju	ın Ju	ul Aug	Sep Oc	t Nov	Dec	Jan	Feb Ma	Apr	May Jun	Jul	Aug S	Sep	
					FY 08	3 FY 08																														
AL101	BA22 - CART., 57MM, 3P MK295																																			
		07 E	ΕA	N	9	9						А																				9				
	TOTALS				9	9																										9				
																																				_
																																				-
																																				-
																						·														
													_																							
							Producti	on Ra	ates			Reached						Prod	ureme	ent Lea	ad Tin	ne					Rem	arks:								
N	Manufacture's Name and Lo	catio	n		Mi		1_	8-5		Max		D+								Adm	in Lea	ıd Time		Manu-	- To	otal										
					Su	st.		0.5		IVIGA										Prio	r	After	fa	acturin	ıg Af	iter										
UNK	NOWN					10000		12	600	3	5280									1-00	ct	1-Oct		time	1-0	Oct										
														Initial								8		24		32										
														Reor	der (Pi	reviou	s Sou	rce)				8		24		32										
																				P-1 Ite	em Sh	opping	List I	tem N	lo Pag	e No										
																			「				12			1										
-																											_									

UNCLASSIFIED

		BUD	GET ITEM JUST	TFICATION	SHEET				DATE:			
			P-4	10						Februa	ry 2008	
APPROPRIATION/BU	DGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE				
PROCUREMENT	OF AMMUN	NITION, NAVY	& MARINE COR	PS/BA 1				отн	ER SHIP GL	JN AMMUNI	TION	
Program Element for 0	Code B Items:						Other Related	Program Elen	nents			
SUBHEAD NO. A	1AG		BLIN: 0270	00								
	Prior Years	ID Code		FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total
QUANTITY												
COST (In Millions)				\$40.1	\$21.6	\$35.1	\$35.8	\$36.7	\$37.4	\$38.0		

ITEM DESCRIPTION/JUSTIFICATION:

The OSGA program consists of 40 medium caliber types of gun ammunition (20MM, 25MM, 30MM, 40MM). Program provides ammunition in support of active Navy ships, and active and reserve ashore warfare forces including the naval expeditionary combat command (NECC), mobile construction battalions (MCB), amphibious construction battalion (ACB), naval coastal warfare groups/squadrons, mobile security squadrons, fleet combat readiness groups, inshore undersea warfare groups, and other operational units. Program includes support for emergent anti-terrorism/force protection and homeland defense requirements.

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.

UNCLASSIFIED

			BUDGET ITEM J	JSTIFICATION	SHEET				DATE:			
				P-40						Februa	ry 2008	
APPROPRIATION/BUD	GET ACTIVI	ΓΥ					P-1 ITEM NO	MENCLATURE				
PROCUREMENT O	F AMMUN	ITION, N	AVY & MARINE CO	RPS/BA 1				ОТН	ER SHIP GU	JN AMMUNI	TION	
Program Element for Co	de B Items:						Other Related	Program Elem	ents			
SUBHEAD NO. A1A	AG		BLIN: 0	27000								
	Prior Years	ID Code		FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total
QUANTITY												
COST (In Millions)				\$40.1	\$21.6	\$35.1	\$35.8	\$36.7	\$37.4	\$38.0		

CONTINUED:

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.

SUPPLEMENTAL: Ammunition being procured with Supplemental Dollars.

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.

FY07 funding total includes \$18.412M received in GWOT supplemental.

FY2008 funding total includes \$.043M received in the 2008 Consolidated Appropriation Act, Division L.

FY2008 funding totals do not include \$.042M previously requested for current FY2008 GWOT requirements.

	WEAPONS SYSTEM P-		NALYSIS			Weapon Syst	tem							DATE: Februa	ary 2008
	RIATION/BUDGET ACTIVITY EMENT OF AMMUNITION, NAVY & MA	ARINE CO	RPS/BA 1			ID Code 027000		MENCLATURE IP GUN AMI NO. A1AG							•
			TOTAL COST	Γ IN THOUSA	NDS OF DOLL	ARS									
COST	ELEMENT OF COST	ID Code	Prior Years		FY 2006			FY 2007			FY 2008			FY 2009	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AG100															
	25MM CARTRIDGES														
	CTG, 25MM, TP-T, M793 CART.,25MM HEI-T/SAPHEI-T LI	A976 AA98					238,486 173,492	13.98 37.12	3,334 6,440	115,115	39.22	4,515			
	CART.,23WW TIEF-1/3AFTIEF-1 EI	77.30					173,432	37.12	0,440	113,113	39.22	4,515			
	30MM CARTRIDGES														
	CART., 30MM PROGRAMMABLE AIR CART., 30MM HEI-T/MP LKD	30AB AA89					10,366	75.00	777	26,430	76.62	2,025	21,853	164.15	3,587
	CART., 30MM TP-T LKD	AA90					10,300	75.00	///	20,430	70.02	2,025	35,010	26.11	914
	40MM GRENADE CARTRIDGES	4000											=	05.05	. =0
	CTG., 40MM SERVICE F/MK19 (U CTG., 40MM, PRAC., M79 F/M203	40RC B519					36,600	3.70	136	28,500	4.00	114	50,000 28,500	35.35 3.76	1,768 107
	CTG 40MM M583A1	B535					36,600	3.70	130	15,004	42.25	634	15,004	47.13	707
	CTG, 40MM, BLANK, SAL (350&20	B650								10,004	12.20	001	10,004	17.10	707
	CTG, 40MM, PRAC, M385 LINKED	B576											200,000	16.78	3,356
	CTG, 40MM, 300 METER	BA26					1,000	30.10	31						
AG101	20MM CARTRIDGES														
	CART., 20MM ELC	AA61					657,700	25.19	16,571						
	25MM CARTRIDGES														
	CART.,25MM HEI-T/SAPHEI-T LI	AA98					500,000	3.68	1,841						
AG200															
	20MM CARTRIDGES]										
	CART., 20MM ELC	AA61					386,200	23.45	9,058	504,887	25.19	12,718	807,249	28.48	22,991
	DE /OA CMCA AC400								222			25			20.
	PE/QA SMCA-AG100 PE/QA SMCA-AG200								209			95			204
AG830	PRODUCTION ENGINEERING]				1,175			1,407			1,449
AG894 AG895	GAUGE REQUIREMENTS NON-STANDARD								24 500			26 15			28
	TON CITABONE								300			13			
GW1X1	OTHER SHIP GUN AMMUN. MATERIAL											43			
SUBTOTA	L (PAGE 1 OF P5)								40,096			21,592			35,11

DD FORM 2446, JUN 86

UNCLASSIFIED

BUDGET PROCURE	MENT HIST	ORY AND	PLANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
									February 20	08
B. APPROPRIATION/BUDGE	ET ACTIVITY				C. P-1 ITEM NO	MENCLATURE			SUBHEAD	
PROCUREMENT OF	AMMUNITIO	ON, NAVY	& MARINE CORPS/	BA 1	OTHER SHII	P GUN AMMUNITION			A1	AG
					BLIN: 02700	0				
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 A	1976									
FY 2006	206234	14 01	JMC ROCK ISLAND	Oct-05	MIPR	GENERAL DYNAMICS ORD & TAC	Mar-06	Jan-07	YES	
FY 2007	238486		JMC ROCK ISLAND	Oct-06	MIPR	GENERAL DYNAMICS ORD & TAC	Mar-07	Oct-08	YES	
1 2007	200400	10.50	OMO TOOK IOE/ WAD	00000	IVIII TX	SERVERORE BY TAX INVIOLOGICAL TAX	Iviai or	00.00	120	
CART.,25MM HEI-T/SAPH	I IEI-T LINKED A	A98								
FY 2005	78655	-	NSWC CRANE	Oct-04	CONTRACT	GENERAL DYNAMICS ORD & TAC	Mar-06	Feb-08	YES	
FY 2006	71385	36.67	NSWC CRANE	Oct-05	CONTRACT	GENERAL DYNAMICS ORD & TAC	Mar-06	Mar-08	YES	
FY 2007	173492	37.12	NSWC CRANE	Oct-06	CONTRACT	GENERAL DYNAMICS ORD & TAC	Feb-07	Jun-08	YES	
FY 2008	115115	39.22	NSWC CRANE	Oct-07	CONTRACT	UNKNOWN	Mar-08	May-09	YES	
30MM CARTRIDGES										
CART., 30MM HEI-T/MP LI	KD AA89									
FY 2006	8489		NSWC CRANE	Oct-05	MIPR	UNKNOWN	Mar-08	Sep-09	YES	
FY 2007	10366	75.00	NSWC CRANE	Oct-06	MIPR	UNKNOWN	Mar-08	Sep-09	YES	
FY 2008	26430		JMC ROCK ISLAND	Oct-07	MIPR	UNKNOWN	Mar-08	Sep-09	YES	
FY 2009	21853	164.15	JMC ROCK ISLAND	Oct-08	MIPR	UNKNOWN	Mar-09	Sep-10	NO	Jul-08
CART., 30MM TP-T LKD A	A90									
FY 2009	35010	26.11	NSWC CRANE	Oct-08	MIPR	UNKNOWN	Mar-09	Sep-10	NO	Jul-08
40MM GRENADE CARTRI	 DGES									
CTG., 40MM SERVICE F/N	/IK19 (USMC F	CT) 40RC								
FY 2009	50000	35.35	NSWC DAHLGREN	Oct-08	CONTRACT	UNKNOWN	Jun-09	Aug-10	NO	Jul-08
D. REMARKS	_1	l				1	<u> </u>	<u> </u>		

BUDGET PROCUREM	ENT HISTO	RY AND I	PLANNING EXHIBIT	Γ (P-5A)		Weapon System		A. DATE		
				•					February 20	08
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NON	MENCLATURE			SUBHEAD	
PROCUREMENT OF A	MMUNITIO	N, NAVY	& MARINE CORPS/	'BA 1	OTHER SHIP	P GUN AMMUNITION			A1	AG
					BLIN: 02700	0				
Cost Element/	QUANTITY	UNIT	LOCATION	RFP ISSUE	CONTRACT METHOD	CONTRACTOR	AWARD	DATE OF FIRST	SPECS AVAILABLE	DATE REVISIONS
FISCAL YEAR	QUANTITI	COST	OF PCO	DATE	& TYPE	AND LOCATION	DATE	DELIVERY	NOW	AVAILABLE
AG100 CONTINUED										
40MM GRENADE CARTRIDO	 GES									
CTG., 40MM, PRAC., M79 F/	/M203 B519									
FY 2005	134600	3.28	JMC ROCK ISLAND	Oct-04	MIPR	MULTIPLE CONTRACTORS	Apr-05	Sep-06	YES	
FY 2006	57400	4.50	JMC ROCK ISLAND	Oct-05	MIPR	MULTIPLE CONTRACTORS	Mar-06	Jun-07	YES	
FY 2007	36600	3.70	JMC ROCK ISLAND	Oct-06	MIPR	MULTIPLE CONTRACTORS	Feb-07	Jan-08	YES	
FY 2008	28500	4.00	JMC ROCK ISLAND	Oct-07	MIPR	UNKNOWN	Mar-08	Jan-09	YES	
FY 2009	28500	3.76	JMC ROCK ISLAND	Oct-08	MIPR	UNKNOWN	Mar-09	Jan-10	NO	Jul-08
CTG 40MM M583A1 B535										
FY 2005	11264	39.00	JMC ROCK ISLAND	Oct-04	MIPR	MULTIPLE CONTRACTORS	Jul-05	Aug-07	YES	
FY 2008	15004	42.25	JMC ROCK ISLAND	Oct-07	MIPR	UNKNOWN	Mar-08	Jan-09	YES	
FY 2009	15004	47.13	JMC ROCK ISLAND	Oct-08	MIPR	UNKNOWN	Mar-09	Jan-10	NO	Jul-08
CTG, 40MM, PRAC, M385 LI	NKED B576									
FY 2009	200000	16.78	IOC ROCK ISLAND	Oct-08	MIPR	UNKNOWN	Dec-08	Sep-10	NO	Jul-08
CTG, 40MM, 300 METER BA	1 \26									
FY 2007	1000	30.10	NSWC CRANE	Oct-06	CONTRACT	UNKNOWN	Feb-08	Feb-09	YES	
D REMARKS										

D. REMARKS

BUDGET PROCUREM	IENT HISTO	ORY AND I	PLANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
									February 20	08
B. APPROPRIATION/BUDGET	T ACTIVITY				C. P-1 ITEM NO	MENCLATURE			SUBHEAD	
PROCUREMENT OF A	AMMUNITIC	ON, NAVY	& MARINE CORPS/I	B A 1	OTHER SHII	P GUN AMMUNITION			A1	AG
					BLIN: 02700	0				
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
AG101										
25MM CARTRIDGES CART.,25MM HEI-T/SAPHE	ELT LINKED A	Δ98								
FY 2007	500000		NSWC CRANE	Oct-06	CONTRACT	GENERAL DYNAMICS ORD & TAC	Feb-07	Jun-08	YES	
20MM CARTRIDGES CART., 20MM ELC AA61										
FY 2007	657700	25.19	NSWC CRANE	Oct-06	MIPR	ALLIANT TECHSYSTEMS, INC.	Sep-07	May-09	YES	
AG200										
20MM CARTRIDGES CART., 20MM ELC AA61										
FY 2005	228750	24.84	NSWC CRANE	Oct-04	CONTRACT	ALLIANT AMMUNITION SYSTEMS	Feb-05	Feb-07	YES	
FY 2005	21100		NSWC CRANE	Oct-04	CONTRACT	ALLIANT TECHSYSTEMS, INC.	Sep-07	Sep-09	YES	
FY 2006	822800	23.27	NSWC CRANE	Oct-05	MIPR	ALLIANT AMMUNITION SYSTEMS	Apr-06	May-07	YES	
FY 2007	386200	23.45	NSWC CRANE	Oct-06	MIPR	ALLIANT TECHSYSTEMS, INC.	Sep-07	May-09	YES	
FY 2008	504887	25.19	JMC ROCK ISLAND	Oct-08	MIPR	UNKNOWN	Jan-08	Sep-09		
FY 2009	807249	28.48	JMC ROCK ISLAND	Oct-09	MIPR	UNKNOWN	Jan-09	Sep-10		
D REMARKS										

D. REMARKS

NOTE: All items shown are priced with available GFM.

DD Form 2446-1, JUL 87

CLASSIFICATION:	UNCLASS	IFIED											
	F	vhihit D_40 I	RIIDGET ITE	M JUSTIFICA	TION				DATE				
		AIIIDIL I - 0, I	DODOLI IIL	W 300111 10A	· · · · · · · · · · · · · · · · · · ·				February 200)8			
APPROPRIATION/BUDGET ACT	IVITY					P-1 LINE ITE	EM NOMENC	LATURE					
PANMC PROCUREMENT OF AN	IMUNITION, N	AVY/BA 1				SMALL ARMS & LANDING PARTY AMMO							
						SUBHEAD NO. A1AH BLI: 0335							
Program Element for Code B Item	s					Other Related Program Elements							
SUBHEAD NO. A1AH													
											То	i	
	Prior Years	ID Code		FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total	
Quantity	antity												
COST												i	
(In Millions)	38.6			54.1	78.0	45.1	48.3	50.4	51.6	52.2	0.0	418.3	

PROGRAM 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.

AH100 - PROCUREMENT

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

AH830 - 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.

AH895 - NON-STANDARD ITEMS

The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munitions items.

AH350 - MATCH AMMUNITION

Special Ammunition required to support Navy approved marksmanship competition matches.

AH101

Supplemental

FY2007 funding total includes \$21.862M received in GWOT supplemental.

FY2008 funding total includes \$32.929M received in the 2008 Consolidated Appropriation Act, Division L.

FY2008 funding totals do not include \$32.928M previously requested for current FY2008 GWOT requirements.

CLASS	FICATION: UNCLASSIFIED											
	EXHIBIT P-5 COST ANALYSIS		Weapon Sy	/stem							DATE February	2008
APPRO	PRIATION/BUDGET ACTIVITY		ID Code		P-1 LINE	ITEM NOM	ENCLATU	RE			•	
PANMO	PROCUREMENT OF AMMUNITION, NAVY/BA 1		033500		SMALL A	RMS & LA	NDING PA	RTY AMN	10			
					SUBHEA	D NO. A1	IAH					
COST		ID	TOTAL CO	ST IN TH	OUSANDS	OF DOLLA	RS					
CODE	ELEMENT OF COST	Code	Prior		FY 2007			FY 2008			FY 2009	
	ELEMENT OF GOOT		Years					2000	_		2000	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<u>EQUIPMENT</u>											
	Sponsor: ALL SPONSORS											
GW1X1	SMALL ARMS & LANDING PARTY AMM0	A1AH	0	0	0.0		0	0.0	- ,	0	0.0	
	ALL Subtotal		0			0			32,929			0
	Sponsor: N86 - SURFACE WARFARE											
	Sponsor: Noo - SURFACE WARFARE											
AH100	PE/QA SMCA		469	0	0.0	597	0	0.0	792	0	0.0	909
	_50 CAL CARTRIDGES											
	CTG, 50 CAL, LKD, BALL	A555	805	1004800	2.1	2,150	3542000	2.2	7,863	1485000	2.6	3,802
	CTG, .50 CAL, LKD & TRACER	A557	9,490	4140254	2.4	9,771	4435000	2.3	10,378	3484000	2.3	8,118
	CTG, .50 LINKED	A576	15,397	1001600	2.9	2,925	1600000	2.5	4,016	0	0.0	0
	CTG, 50 211-0	A606	140	7920	8.3	66	7920	8.2	65	7920	9.8	78
	CTG, 50 CAL, MK 211, APIT, M	AA06	0	0	0.0	0	0	0.0	0	841550	7.5	6,312
	CTG. 50 CAL	AA50	0	100000	7.0	695	267800	9.3	2,496	100000	8.0	799
	5.56MM CARTRIDGES											
	CTG, 5.56MM M855	A059	2,040	4020240	0.3	1,045	9500400	0.3	2,565	9500400	0.3	3,135
	CTG. 5.56MM M856	A063	245	0	0.0	0	0	0.0	0	0	0.0	0
	CTG., 5.56MM, BLANK	A080	404	2462400	0.2	419	0	0.0	0	0	0.0	0
	CTG, CAL 5.56MM, FRANGIBLE	AA40	340	1500000	0.5	705	1500000	0.5	810	1500000	0.0	0
	CTG, 5.56MM, SRTR AMMO	AA68	0	0	0.0	0	0	0.0	0	42000	0.0	0
	7.62MM CARTRIDGES											
	CTG, 7.62MM, BLNK	A111	194	600000	0.4	246	1000000	0.3	300	1000000	0.5	530
	CTG, 7.62MM, LKD, BALL AND TR	A131	4,347	4000000	0.6	2,440	5000000	0.6	2,950	5800000	0.7	4,118

CLASS	FICATION: UNCLASSIFIED										_	
	EXHIBIT P-5 COST ANALYSIS (CONTINUATION)		Weapon Sy	ystem							DATE February	2008
APPRO	PRIATION/BUDGET ACTIVITY		ID Code		P-1 LINE	ITEM NOM	ENCLATU	RE				
PANMO	PROCUREMENT OF AMMUNITION, NAVY/BA 1		033500		SMALL A	RMS & LA	NDING PA	RTY AMN	МО			
					SUBHEA	D NO. A	IAH					
COST		ID	TOTAL CC	ST IN TH	OUSANDS	OF DOLLA	ARS					
CODE	ELEMENT OF COST	Code	Prior FY 2007 FY 2008					FY 2009				
			Years	Ourantitus			Overstitue			Overstitue		•
	CTG, 7.62MM, BALL, M80, LKD	A143	Total Cost 515	1670877		Total Cost 950			Total Cost	Quantity 900000	Unit Cost 0.7	Total Cos
	CTG, 7.62MM, LKD	A165	0	1005000						3500000		
	CTG, 7.62MM	A257	0	1003000					· ·	3300000		·
	CTG., 7.62MM	AA04	0	222400			100000			100000	0.0	
	CARTR, 7.62MM	AA11	0	0	0.0			0.0		100000		
	CTG,7.62MM, LKD 9 AP TO 1 DI	AA34	0	0	0.0					100500		
	CTG, 7.62MM, LKD, 9 AP TO 1	AA36	0	0	0.0					201000		
	CTG, 7.62MM, SHORT RANGE TRAINING	AA39	0	120000	0.8	93	120000	0.8	97	120000	0.8	95
	9MM CARTRIDGES											
	CTG, 9MM, SUBSONI	A260	0	0	0.0	0	0	0.0	0	600000	0.6	360
	CTG, 9MM, BALL	A363	1647	15516000	0.1	2,250	21832000	0.2	3,493	22324000	0.2	3,572
	CTG, 9MM, FX, MARKING, RED	AA12	0	315400	0.3	110	400000	0.5	184	800000	0.5	376
	CTG, 9MM, FRANGIBLE	AA16	90	7846296	0.3	2,108	3283600	0.3	919	3650300	0.3	1,059
	CTG, 9MM, FX, MARKING, BLUE	AA21	0	971900	0.3	338	400000	0.5	184	400000	0.5	188
	GRENADES											
	GREN, LAUNCHER, SMK, IR SCREE	G826	0	1992	48.2	96	0	0.0	0	0	0.0	(
	FUZE, DELAY M228	G878	0	4680	5.3	25	10080	4.6	46	10080	4.7	47
	GRENADE, HND, SMK, GREEN	G940	0	0	0.0	0	0	0.0	0	10000	44.0	440
	GRENADE, HND, SMK, VIOLET	G955	0	0	0.0	0	0	0.0	0	8000	43.8	35
	GRENADE, LAUNCHER, SMK, M82	G978	0	2500	379.2	948	0	0.0	0	0	0.0	(
	MATCH AMMO											
	CTG, .22 CAL, BALL, LR, MATCH	A097	0	316000	0.1	32	0	0.0	0	337000	0.1	3-
	CTG, 5.56MM MATCH	AA53	220	0	0.0	0	300000	0.5	162	300000	0.6	165
	MINES											

CLASSI	FICATION: UNCLASSIFI	ED											
	EXHIBIT P-5 COST ANALYSIS (CONTINUATION))		Weapon Sy	rstem							DATE February	2008
	PRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY/BA 1			ID Code 033500		SMALL A	ITEM NOMI	NDING PA		10			
COST			ID	TOTAL CO	OT IN TH		OF DOLLA						
CODE	ELEMENT OF COST		Code	Prior Years	ST IN TH	FY 2007	OF DOLLA	NKS	FY 2008			FY 2009	
				Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	MINE AP M18A1WITH SHOCK TUBE		J007	0	0	0.0	0	402		76		t	84
	SHOTGUN CARTRIDGES												
	CTG, 12 GA NO. 00		A011	540	1359680	0.4	570	0	0.0	0	2300160	0.4	1,035
	CTG, 12 GA NO. 9		A017	13	0	0.0	0	0	0.0	0	0	0.0	0
	CTG., 12 GA		AA29	0	0	0.0	0	20000		82	0	0.0	
	CTG., 12 GA		AA31	0	0	0.0	0	0	0.0	0	15000	3.7	56
	CTG, 12 GA, FRANGIBLE		AA86	159	250000		135	0	0.0	0	0	0.0	
	CTG, 12 GA WARNING MUNITION		LA51	0	200890	7.9	1,589	188900		· ·	271000		2,271
	CTG, 12 GA WARNING MUNITION		LA52	0	0	0.0	0	188900	8.3	1,559	271000	8.4	2,285
AH101	SUPPLEMENTAL												
	CTG, 12 GA, NO. 00		A011	0	623800	0.4	262	0	0.0	0	0	0.0	0
	CART, .50 CAL, MK 21L, APIT		AA06	0	2702000	7.4	20,000	0	0.0	0	0	0.0	0
	CTG, 9MM, FRANGIBLE		AA16	0	67000	0.3	18	0	0.0	0	0	0.0	0
	CTG, 12 GA WARNING MUNITION		LA52	0	200000	7.9	1,582	0	0.0	0	0	0.0	0
AH350	MATCH AMMO			142	0	0.0	182	0	0.0	188	0	0.0	194
AH830	PRODUCTION ENGINEERING			1,222	0	0.0	822	0	0.0	932	0	0.0	900
AH895	NON-STANDARD			180	0	0.0	0	0	0.0	0	0	0.0	0
		N86 Subtotal		38,559			54,136			77,997			45,129
	тота	AL EQUIPMENT		38,559			54,136			77,997			45,129
	TOTAL			38,559			54,136			77,997			45,129

CLASSIFICATION:		UNCLAS	SIFIED							
Exhibit P5A, PROCUREMENT HIS	TORY AND	PLANNI	NG		Weapon System				DATE	ary 2008
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOI SMALL ARMS & LA BLIN: 0335	MENCLATURE ANDING PARTY AMMO			SUBHEAD A1AH	
COST ELEMENT FISCAL YEAR	Quantity	UNIT	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY		DATE REVISIONS AVAILABLE
FY 2007										
AH100 .50 CAL CARTRIDGES										
CTG, 50 CAL, LKD, BALL	1004800	2.1	JMC ROCK ISLAND	OCT-06	MIPR	ALLIANT LAKE CITY	JAN-07	DEC-07	YES	
CTG, .50 CAL, LKD & TRACER	4140254	2.4	JMC ROCK ISLAND	OCT-06	MIPR	ALLIANT LAKE CITY	JAN-07	FEB-08	YES	
CTG, .50 LINKED	1001600	2.9	JMC ROCK ISLAND	OCT-06	MIPR	GENERAL DYNAMICS ORD	JAN-07	MAY-08	YES	
CTG, 50 211-0	7920	8.3	JMC ROCK ISLAND	OCT-06	MIPR	ALLIANT LAKE CITY	JAN-07	FEB-08	YES	
CTG. 50 CAL AH100 5.56MM CARTRIDGES	100000	7.0	JMC ROCK ISLAND	OCT-06	MIPR	ALLIANT LAKE CITY	JAN-07	JUN-08	YES	
CTG, 5.56MM M855	4020240	0.3	JMC ROCK ISLAND	OCT-06	MIPR	ALLIANT LAKE CITY	JAN-07	APR-08	YES	
CTG., 5.56MM, BLANK CTG, CAL 5.56MM, FRANGIBLE AH100 7.62MM CARTRIDGES	2462400 1500000	0.2 0.5	JMC ROCK ISLAND NSWC CRANE	OCT-06 OCT-06	MIPR CONTRACT	ALLIANT LAKE CITY UNKNOWN	JAN-07 OCT-07	JAN-08 MAY-08	YES YES	
CTG, 7.62MM, BLNK	600000	0.4	JMC ROCK ISLAND	OCT-06	MIPR	ALLIANT LAKE CITY	JAN-07	JAN-08	YES	
CTG, 7.62MM, LKD, BALL AND TR	4000000	0.6	JMC ROCK ISLAND	OCT-06	MIPR	ALLIANT LAKE CITY	JAN-07	MAY-08	YES	
CTG, 7.62MM, BALL, M80, LKD	1670877	0.6	JMC ROCK ISLAND	OCT-06	MIPR	ALLIANT LAKE CITY	JAN-07	SEP-07	YES	
CTG, 7.62MM, LKD	1005000	0.5	JMC ROCK ISLAND	OCT-06	MIPR	UNKNOWN	APR-07	JUL-08	YES	
CTG., 7.62MM	222400	2.0	JMC ROCK ISLAND	OCT-06	MIPR	UNKNOWN	OCT-07	DEC-08	YES	l
CTG, 7.62MM, SHORT RANGE TRAINING AH100 9MM CARTRIDGES	120000	0.8	JMC ROCK ISLAND	OCT-06	MIPR	UNKNOWN	DEC-07	OCT-08	YES	
CTG, 9MM, BALL CTG, 9MM, FX, MARKING, RED CTG, 9MM, FRANGIBLE CTG, 9MM, FX, MARKING, BLUE AH100 GRENADES	15516000 315400 7846296 971900	0.1 0.3 0.3 0.3	JMC ROCK ISLAND MARINE CORPS NSWC CRANE MARINE CORPS	OCT-06 OCT-06 OCT-06 OCT-06	MIPR CONTRACT CONTRACT CONTRACT	OLIN WINCHESTER CANADIAN COMMERCIAL OLIN WINCHESTER CANADIAN COMMERCIAL	JAN-07 APR-07 MAR-07 APR-07	MAR-08 SEP-07 OCT-07 SEP-07	YES YES YES YES	
GREN, LAUNCHER, SMK, IR SCREE	1992	48.2	JMC ROCK ISLAND	OCT-06	MIPR	UNKNOWN	OCT-07	OCT-08	YES	
FUZE, DELAY M228	4680	5.3	JMC ROCK ISLAND	OCT-06	MIPR	MARTIN ELECTRONICS	APR-07	JUN-09	YES	
GRENADE, LAUNCHER, SMK, M82	2500	379.2	JMC ROCK ISLAND	OCT-06	MIPR	UNKNOWN	OCT-07	APR-08	YES	l

CLASSIFICATION:		UNCLAS	SIFIED							
Exhibit P5A, PROCUREMENT HISTORY AF	ID PLANNIN	IG (CONT	(INUATION)		Weapon System				DATE	
APPROPRIATION/BUDGET ACTIVITY					P-1 LINE ITEM NON	MENCLATURE			SUBH	ary 2008 EAD
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1						ANDING PARTY AMMO			A1AH	
					BLIN: 0335					
COST ELEMENT	Quantity	UNIT	LOCATION	RFP ISSUE	CONTRACT	CONTRACTOR	AWARD		SPEC	DATE
FISCAL YEAR		COST	OF PCO	DATE	METHOD	AND LOCATION	DATE			REVISIONS
					& TYPE			DELIVERY	NOW	AVAILABLE
AH100 MATCH AMMO CTG, .22 CAL, BALL, LR, MATCH	240000	0.1	NSWC CRANE	007.00	CONTRACT	UNKNOWN	OOT 07	ADD 00	YES	
AH100 SHOTGUN CARTRIDGES	316000	0.1	NSWC CRANE	OCT-06	CONTRACT	UNKNOWN	OCT-07	APR-08	YES	
	40-000		IMO DOOK ICI AND		MIPR	OLINI WINICHESTED			\/50	
CTG, 12 GA NO. 00 CTG, 12 GA, FRANGIBLE	1359680 250000	0.4 0.5	JMC ROCK ISLAND NSWC CRANE	OCT-06 OCT-06	CONTRACT	OLIN WINCHESTER REMINGTON ARMS COMPANY	JUL-07 JUL-07	JAN-08 DEC-07	YES	
CTG, 12 GA, FRANGIBLE CTG, 12 GA WARNING MUNITION	200890	7.9	NSWC CRANE	OCT-06	CONTRACT	UNKNOWN	OCT-07	MAR-08	YES	
AH101 SUPPLEMENTAL	200090	7.9	NOWO ORANE	001-00	CONTRACT	ONINOVIN	001-07	IVIAR-00	ILS	
			IMO DOOK IOLAND		MIDD	LINUZALONAZAL				
CTG, 12 GA, NO. 00	623800	0.4	JMC ROCK ISLAND	JUL-07	MIPR	UNKNOWN	MAR-08	MAR-09		
CART, .50 CAL, MK 21L, APIT	2702000	7.4	JMC ROCK ISLAND	JUL-07	MIPR	UNKNOWN	OCT-07	JAN-09		
CTG, 9MM, FRANGIBLE	67000	0.3	JMC ROCK ISLAND	JUL-07	MIPR	UNKNOWN	OCT-07	OCT-08		
CTG, 12 GA WARNING MUNITION	200000	7.9	JMC ROCK ISLAND	JUL-07	MIPR	UNKNOWN	OCT-07	MAR-08		
FY 2008										
AH100 .50 CAL CARTRIDGES										
CTG, 50 CAL, LKD, BALL	3542000	2.2	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JAN-08	OCT-08		JUL-07
CTG, .50 CAL, LKD & TRACER	4435000	2.3	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JAN-08	OCT-08		JUL-07
CTG, .50 LINKED	1600000	2.5	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JAN-08	OCT-08		JUL-07
CTG, 50 211-0	7920	8.2	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JAN-08	OCT-08		JUL-07
CTG. 50 CAL	267800	9.3	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JAN-08	OCT-08		JUL-07
AH100 5.56MM CARTRIDGES										
CTG, 5.56MM M855	9500400	0.3	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JAN-08	OCT-08		JUL-07
CTG, CAL 5.56MM, FRANGIBLE	1500000	0.5	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	JAN-08	OCT-08		JUL-07

CLASSIFICATION:		UNCLAS	SIFIED						
Exhibit P5A, PROCUREMENT HISTORY A	ND PLANNII	NG (CON	TINUATION)		Weapon System				DATE
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1		•	, 		P-1 LINE ITEM NOI SMALL ARMS & LA BLIN: 0335	MENCLATURE ANDING PARTY AMMO			February 2008 SUBHEAD A1AH
COST ELEMENT	Quantity	UNIT	LOCATION	RFP ISSUE		CONTRACTOR	AWARD	DATE OF	SPEC DATE
FISCAL YEAR		COST	OF PCO	DATE	METHOD & TYPE	AND LOCATION	DATE	FIRST DELIVERY	AVAIL REVISION NOW AVAILABL
AH100 7.62MM CARTRIDGES									
CTG, 7.62MM, BLNK	1000000	0.3	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JAN-08	OCT-08	JUL-07
CTG, 7.62MM, LKD, BALL AND TR	5000000	0.6	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JAN-08	OCT-08	JUL-07
CTG, 7.62MM, BALL, M80, LKD	1000000	0.6	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JAN-08	OCT-08	JUL-07
CTG, 7.62MM, LKD	3000000	0.5	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JAN-08	OCT-08	JUL-07
CTG. 7.62MM	1039500	0.5	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JAN-08	OCT-08	JUL-07
CTG., 7.62MM	100000	1.7	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	MAR-08	JAN-09	JUL-07
CTG,7.62MM, LKD 9 AP TO 1 DI	100500	1.8	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	MAR-08	MAR-09	JUL-07
CTG, 7.62MM, LKD, 9 AP TO 1	201000	1.8	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	MAR-08	MAR-09	JUL-07
CTG, 7.62MM, SHORT RANGE TRAINING AH100 9MM CARTRIDGES	120000	0.8	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JAN-08	OCT-08	JUL-07
CTG, 9MM, BALL	21832000	0.2	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JAN-08	JUL-08	JUL-07
CTG, 9MM, FX, MARKING, RED	400000	0.5	MARINE CORPS	OCT-07	CONTRACT	UNKNOWN	JAN-08	DEC-08	JUL-07
CTG, 9MM, FRANGIBLE	3283600	0.3	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	MAR-08	MAR-09	JUL-07
CTG, 9MM, FX, MARKING, BLUE AH100 GRENADES	400000	0.5	MARINE CORPS	OCT-07	CONTRACT	UNKNOWN	JAN-08	DEC-08	JUL-07
FUZE, DELAY M228 AH100 MATCH AMMO CTG, 5.56MM MATCH AH100 MINES	10080 300000	4.6 0.5	JMC ROCK ISLAND	OCT-07	MIPR CONTRACT	UNKNOWN	MAR-08	MAR-09 MAR-09	JUL-07 JUL-07
MINE AP M18A1WITH SHOCK TUBE	402	189.1	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	MAR-08	JUL-09	JUL-07
AH100 SHOTGUN CARTRIDGES									
CTG., 12 GA	20000	4.1	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	MAR-08	MAR-09	JUL-07
CTG, 12 GA WARNING MUNITION	188900	8.2	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	JAN-08	OCT-08	JUL-07
CTG, 12 GA WARNING MUNITION	188900	8.3	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	JAN-08	OCT-08	JUL-07
FY 2009									

		SIFIED						
ND PLANNIN	IG (CONT	INUATION)		Weapon System				DATE
				SMALL ARMS & LA				February 2008 SUBHEAD A1AH
Quantity	UNIT	LOCATION	RFP ISSUE	CONTRACT	CONTRACTOR	AWARD	DATE OF	SPEC DATE
	COST	OF PCO	DATE	METHOD	AND LOCATION	DATE	FIRST	AVAIL REVISIONS
				& TYPE			DELIVERY	NOW AVAILABLE
1485000	2.6	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	JUL-08
3484000	2.3	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	JUL-08
7920	9.8	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	JUL-08
841550	7.5	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	
100000	8.0	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	JUL-08
9500400	0.3	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	JUL-08
1500000	0.0	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	JUL-08
42000	0.0	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	JUL-08
1000000	0.5	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	JUL-08
5800000	0.7	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	JUL-08
900000	0.7	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	JUL-08
3500000	0.7	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	JUL-08
100000	1.8	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	JAN-10	JUL-08
100000	0.7	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	JUL-08
100500	1.9	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	MAR-10	JUL-08
201000	1.9	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	MAR-10	JUL-08
120000	0.8	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	OCT-09	JUL-08
600000	0.6	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	JAN-09	JUL-09	JUL-08
22324000			OCT-08	MIPR	UNKNOWN	JAN-09	JUL-09	JUL-08
800000	0.5	MARINE CORPS	OCT-08	CONTRACT	UNKNOWN	JAN-09	DEC-09	JUL-08
								JUL-08 JUL-08
	1485000 3484000 7920 841550 100000 1500000 42000 1000000 3500000 1000000 100500 201000 120000 600000	Quantity UNIT COST 1485000 2.6 3484000 2.3 7920 9.8 841550 7.5 100000 8.0 9500400 0.3 1500000 0.0 42000 0.0 1000000 0.7 900000 0.7 100000 1.8 100000 0.7 100500 1.9 201000 1.9 120000 0.8 600000 0.6 22324000 0.2 800000 0.5 3650300 0.3	COST OF PCO 1485000 2.6 JMC ROCK ISLAND 3484000 2.3 JMC ROCK ISLAND 7920 9.8 JMC ROCK ISLAND 841550 7.5 JMC ROCK ISLAND 100000 8.0 JMC ROCK ISLAND 1500000 0.0 JMC ROCK ISLAND 1500000 0.0 JMC ROCK ISLAND 100000 0.5 JMC ROCK ISLAND 100000 0.7 JMC ROCK ISLAND 900000 0.7 JMC ROCK ISLAND 100000 1.8 JMC ROCK ISLAND 100000 1.8 JMC ROCK ISLAND 100000 1.8 JMC ROCK ISLAND 100000 1.9 JMC ROCK ISLAND 100500 1.9 JMC ROCK ISLAND 100500 1.9 JMC ROCK ISLAND 120000 0.6 NSWC CRANE 22324000 0.2 JMC ROCK ISLAND 800000 0.5 MARINE CORPS 3650300 0.3 NSWC CRANE	Quantity UNIT COST LOCATION OF PCO RFP ISSUE DATE 1485000 2.6 JMC ROCK ISLAND OCT-08 3484000 2.3 JMC ROCK ISLAND OCT-08 7920 9.8 JMC ROCK ISLAND OCT-08 841550 7.5 JMC ROCK ISLAND OCT-08 100000 8.0 JMC ROCK ISLAND OCT-08 9500400 0.3 JMC ROCK ISLAND OCT-08 1500000 0.0 JMC ROCK ISLAND OCT-08 42000 0.0 JMC ROCK ISLAND OCT-08 1000000 0.5 JMC ROCK ISLAND OCT-08 5800000 0.7 JMC ROCK ISLAND OCT-08 900000 0.7 JMC ROCK ISLAND OCT-08 3500000 0.7 JMC ROCK ISLAND OCT-08 100000 1.8 JMC ROCK ISLAND OCT-08 100500 1.9 JMC ROCK ISLAND OCT-08 201000 1.9 JMC ROCK ISLAND OCT-08 120000 0.8 JMC ROCK ISLAND	Quantity	P-1 LINE ITEM NOMENCLATURE SMALL ARMS & LANDING PARTY AMMO BLIN: 0335	Quantity	Ouantily

CLASSIFICATION:		UNCLASSIFIED												
Exhibit P5A, PROCUREMENT HISTORY AN	D PLANNII	NG (CON	TINUATION)		Weapon System				DATE	ary 2008				
APPROPRIATION/BUDGET ACTIVITY					P-1 LINE ITEM NOI	MENCLATURE			+	HEAD				
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					SMALL ARMS & LA	ANDING PARTY AMMO			A1AH	1				
					BLIN: 0335									
COST ELEMENT	Quantity	UNIT	LOCATION	RFP ISSUE	CONTRACT	CONTRACTOR	AWARD	DATE OF	SPEC	DATE				
FISCAL YEAR		COST	OF PCO	DATE	METHOD	AND LOCATION	DATE	FIRST	AVAIL	REVISIONS				
					& TYPE			DELIVERY	NOW	AVAILABLE				
AH100 GRENADES														
FUZE, DELAY M228	10080	4.7	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	MAR-10		JUL-08				
GRENADE, HND, SMK, GREEN	10000	44.0	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	APR-10		JUL-08				
GRENADE, HND, SMK, VIOLET	8000	43.8	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	APR-10		JUL-08				
AH100 MATCH AMMO														
CTG, .22 CAL, BALL, LR, MATCH	337000	0.1	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAR-09	MAR-10		JUL-08				
CTG, 5.56MM MATCH	300000	0.6	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAR-09	MAR-10		JUL-08				
AH100 MINES														
MINE AP M18A1WITH SHOCK TUBE	402	209.0	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	JUL-10		JUL-08				
AH100 SHOTGUN CARTRIDGES														
CTG, 12 GA NO. 00	2300160	0.4	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	JUL-09		JUL-08				
CTG., 12 GA	15000	3.7	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAR-09	MAR-10		JUL-08				
CTG, 12 GA WARNING MUNITION	271000	8.4	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	JAN-09	OCT-09		JUL-08				
CTG, 12 GA WARNING MUNITION	271000	8.4	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	JAN-09	OCT-09		JUL-08				

Remarks:

CLASSIFICATION:	UNCLASS	IFIED											
	F	chihit P-40 F	BUDGET ITE	M JUSTIFICA	ATION				DATE				
				000111107					February 200	08			
APPROPRIATION/BUDGET ACTIV	ITY					P-1 LINE ITEM NOMENCLATURE							
PANMC PROCUREMENT OF AMIN	IUNITION, N	IAVY/BA 1				PYROTECH	NIC AND DE	MOLITION					
						SUBHEAD N	NO. A1AJ	BLI: 0340					
Program Element for Code B Items						Other Relate	ed Program E	ements					
SUBHEAD NO. A1AJ													
											То		
	Prior Years	ID Code		FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total	
Quantity	0			0	0	0	0	0	0	0	0	0	
COST													
(In Millions)	14.1			9.7	11.0	10.5	12.4	12.5	13.1	13.5	0.0	96.8	

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

AJ100 - PROCUREMENT

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

AJ830 - 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.

AJ850 - 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.

	CLASSIFICATION:	UNCLASSIFIED			
		Exhibit P-40, BUDGET ITEM JUSTIFICATION (CONTINUATION)	NN)		DATE
		EXHIBIT F-40, BODGET TIEM 303TH TEATION (CONTINUATION	ж		February 2008
Į.	APPROPRIATION/BUDGET ACTIVIT	TY	P-1 LINE ITEM NOMENC	LATURE	
	PANMC PROCUREMENT OF AMMU	JNITION, NAVY/BA 1	PYROTECHNIC AND DE	MOLITION	
			SUBHEAD NO. A1AJ	BLI: 0340	

AJ893 - RENOVATION COMPONENTS

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

AJ894 - GAUGE REQUIREMENTS

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.

AJ895 - NON-STANDARD ITEMS

The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munitions items.

AJ101

Supplemental

FY2007 funding total includes \$0.274M received in GWOT supplemental.

FY2008 funding total includes \$.064M received in the 2008 Consolidated Appropriation Act, Division L.

FY2008 funding totals do not include \$.063M previously requested for current FY2008 GWOT requirements.

CLASS	FICATION: UNCLASSIFIED											
	EXHIBIT P-5 COST ANALYSIS		Weapon S	ystem							DATE February	2008
APPRO	PRIATION/BUDGET ACTIVITY		ID Code		P-1 LINE	ITEM NOM	ENCLATU	RE				
PANMO	PROCUREMENT OF AMMUNITION, NAVY/BA 1		034000		PYROTE	CHNIC AND	DEMOLI	TION				
				SUBHEAD NO. A1AJ								
COST		ID	TOTAL CC	ST IN TH	OUSANDS	OF DOLLA	ARS					
CODE	ELEMENT OF COST	Code	Prior		FY 2007			FY 2008			FY 2009	
	ELEMENT OF GOOT		Years				1 1 2000				1 1 2000	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<u>EQUIPMENT</u>											
	Sponsor: ALL SPONSORS											
AJ101	SUPPLEMENTAL											
	NON-EL DET W/IN-LINE INITIATION	MN52	0	6882	39.8	274	0	0.0	0	0	0.0	
GW1X1	SUPPLEMENTAL											
GWIXI	PYROTECHNIC AND DEMOLITION MAT	A1AJ	0	0	0.0	0	0	0.0	64	0	0.0	0
	ALL Subtotal	AIA	0	U	0.0	274	ď	0.0	64	ľ	0.0	0
	ALE Subiolai					2/4			04			
	Sponsor: N70 - WARFARE											
AJ100	PE/QA SMCA		279	0	0.0	876	0	0.0	409	0	0.0	341
	CUTTERS & CARTRIDGES											
	BOLT, EXPL, MK5/0	M254	0	48	10,500.0	504	0	0.0	0	0	0.0	0
	CTG, IMPULSE, MK 148	M663	47	55	1,181.8	65	0	0.0	0	0	0.0	0
	SWITCH, SQUIB ACTUATED, MK 11	M853	0	0	0.0	0	100	400.0	40	0	0.0	0
	CARTRIDGE ASSEMBLY	MC91	0	100	1,400.0	140	0	0.0	0	0	0.0	0
	CTG, IMPULSE, MK 235	MW97	0	0	0.0		78		109		0.0	0
	CTG, 50 CAL BLANK, ELEC, MK 209	SS01	0	0	0.0			0.0	0		49.5	495
	CUTTER, MK20, NON-ELECTRIC IN	SS43	0	0	0.0			408.0	408		0.0	0
	TITANIUM DISRUPTER CANNON	ST02	144	0	0.0	0	45	1,066.7	48	0	0.0	0
	DET CORDS, CAPS & FUZES											
	FIRING DEVICE, ACOUSTIC, MK 58	DWES	0	0	0.0	0	1000	1,690.0	1,690	0	0.0	0
	REMOTE FIRING DEVICE, MK 64 MOD	DWFD	590	0	0.0	0	0	0.0	0	0	0.0	0
	BREECH PLUG ASSEMBLY, TITANIUM	DWFL	0	371	501.3	186	0	0.0	0	0	0.0	0

CLASS	FICATION: UNCLASSIFIED)													
	EXHIBIT P-5 COST ANALYSIS (CONTINUATION)		Weapon S	ystem							DATE February 2	2008			
APPRO	PRIATION/BUDGET ACTIVITY		ID Code		P-1 LINE	ITEM NOM	ENCLATU	IRE							
PANMO	PROCUREMENT OF AMMUNITION, NAVY/BA 1		034000		PYROTE	CHNIC AND	DEMOLI	TION							
					SUBHEA	D NO. A	IAJ								
COST		ID	ID TOTAL COST IN THOUSANDS OF DOLLARS												
CODE	ELEMENT OF COST	Code	Prior		FY 2007			FY 2008			FY 2009				
	ELEMENT OF OOOT		Years		1 1 2007		112000			F1 2009					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
	CAP, BLASTING, ELECTRIC, MK 17 MOD 1	DWFP	688	0	0.0	0	0	0.0	0	7134	46.0	328			
	ACCESSORY KIT, MK 34 MOD 0	DWGL	0	2500	156.0	390	0	0.0	0	0	0.0	0			
	CAP, BLASTING, NON-ELEC, INER	M097	0	0	0.0	0	0	0.0	0	4000	5.8	23			
	CORD, DETONATING, REINFORCED	M458	0	0	0.0	0	0	0.0	0	12000	0.7	8			
	SQUIB, ELECTRIC, MK20	MG61	6	17100	39.9	683	0	0.0	0	0	0.0	0			
	RADIO FIRING DEVICE (RFD) MK 186	ML06	0	104	20,163.5	2,097	46	22,717.4	1,045	36	23,222.2	836			
	DETONATOR, NON-ELEC, MK 121	MM58	0	8000	139.5	1,116	2580	177.5	458	0	0.0	0			
	IGNITER, TIME BLASTING FUZE	MN08	0	0	0.0	0	50100	6.6	331	0	0.0	0			
	DET, NON-EL, 50' DUAL, MK 153	MN51	0	0	0.0	0	0	0.0	0	8000	61.1	489			
	NON-EL DET W/IN-LINE INITIATO	MN52	248	0	0.0	0	0	0.0	0	8000	75.6	605			
	DET, NON-EL, 500' DUAL, MK 15	MN54	0	0	0.0	0	0	0.0	0	8000	184.1	1,473			
	FIRING DEVICE, MK 62	MN81	4,011	0	0.0	0	0	0.0	0	1600	925.6	1,481			
	CAP, BLASTING, ELEC, INERTM098	MP16	47	0	0.0	0	0	0.0	0	0	0.0	0			
	CAP, BLASTING, ELEC, INERT	MP16	0	0	0.0	0	6000	8.2	49	0	0.0	0			
	CONNECTOR, DET CORD, PLASTIC	MW49	0	0	0.0	0	0	0.0	0	30000	0.5	14			
	MINE CHARGES & CHARGE CUTTERS														
	CHG, DML, BLK, COMP C-4, 1.25	M023	0	0	0.0	0	24000	17.1	411	0	0.0	C			
	CHG, DML, BLK, M118, PETN, 2LB	M024	267	0	0.0	0	4000	52.5	210	0	0.0	C			
	CHG, DML, TNT, 1/2 LB	M031	0	0	0.0	0	10080	14.2	143	0	0.0	C			
	CHG, ASSY, DML, M183/37	M757	980	0	0.0	0	0	0.0	0	3080	388.6	1,197			
	SHOCK TEST CHARGES														
	CHARGE, SHOCK TEST, 60 LB	XW65	623	550	1,185.5	652	550	1,360.0	748	575	1,309.6	753			
	<u>SIGNALS</u>														
	SIG, SMK ILLUM, MAR, MK124/13, DISTRESS L283	L283	2,318	0	0.0	0	0	0.0	0	0	0.0	C			
	SIG KIT MK 189 MOD 0	L564	0	1770	58.2	103	0	0.0	0	0	0.0	0			

CLASS	IFICATION: UNCLASSIFIED											
	EXHIBIT P-5 COST ANALYSIS (CONTINUATION)		Weapon S	ystem							DATE	0000
APPRO	PRIATION/BUDGET ACTIVITY		ID Code		P-1 LINE	ITEM NOM	ENCLATU	RE			February	2008
	PROCUREMENT OF AMMUNITION, NAVY/BA 1		034000			CHNIC AND						
					SUBHEA	D NO. A1	IAJ					
COST		ID		ST IN TH	OUSANDS	OF DOLLA	RS			ı		
CODE	ELEMENT OF COST	Code	Prior					FY 2008				
			Years	Overstitu	Lucit Coot	Total Cost	Quantity Unit Cost Total Cost			Ourantitus	Linit Coot	Tatal Cast
	SIG, SMK ILLUM, MAR, MK 117	LA26	Total Cost 80		0.0		Quantity	0.0		Quantity	0.0	Total Cost
	SIG, SMK ILLUM, MAR, MK 144/11	LA20	0	0	0.0		1046			0	0.0	
	MARKER, LOCATION, SUB, MK 140	LA28	542	38			0	0.0	0	0	0.0	
	TRAINING DEVICES											
	SIM, PROJ, GROUND BURST	L594	0	0	0.0	0	0	0.0	0	4200	18.3	77
	SIM, HAND GRENADE, M116	L601	0	4050	14.1	57	0	0.0	0	8000	14.8	118
AJ830	PRODUCTION ENGINEERING		1,788	0	0.0	1,470	0	0.0	1,825	0	0.0	1,647
AJ850	PRODUCT IMPROVEMENT		1,324	0	0.0	873	0	0.0	1,209	0	0.0	440
AJ893	RENOVATION COMPONENTS		98	0	0.0	101	0	0.0	104	0	0.0	106
AJ894	GAUGE REQUIREMENTS		17	0	0.0	19	0	0.0	20	0	0.0	21
AJ895	NON-STANDARD		0	0	0.0		0	0.0	11	0	0.0	
	N70 Sul	total	14,097			9,667			11,030			10,464
	TOTAL EQUIPM	IENT	14,097			9,667			11,030			10,464
	TOTAL		14,097			9,667			11,030			10,464

CLASSIFICATION:		UNCLAS	SIFIED							
Exhibit P5A, PROCUREMENT HIS	ORY AN	D PLANN	ING		Weapon System				DATE Febru	ary 2008
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOI PYROTECHNIC AN BLIN: 0340				SUBH A1AJ	IEAD
COST ELEMENT	Quantity	UNIT	LOCATION	RFP ISSUE	CONTRACT	CONTRACTOR	AWARD	DATE OF	SPEC	DATE
FISCAL YEAR		COST	OF PCO	DATE	METHOD	AND LOCATION	DATE	FIRST	AVAIL	REVISIONS
					& TYPE			DELIVERY	NOW	AVAILABLE
FY 2007										
AJ101 SUPPLEMENTAL										
NON-EL DET W/IN-LINE INITIATION	6882	39.8	NSWC CRANE	JUL-07	CONTRACT	UNKNOWN			YES	
AJ100 CUTTERS & CARTRIDGES										
BOLT, EXPL, MK5/0	48	10,500.0	INDIAN HEAD	OCT-06	CONTRACT	UNKNOWN	JUN-07	DEC-08	YES	
CTG, IMPULSE, MK 148	55	1,181.8	INDIAN HEAD	OCT-06	CONTRACT	UNKNOWN	MAY-07	MAR-08	YES	
CARTRIDGE ASSEMBLY	100	1,400.0	INDIAN HEAD	OCT-06	CONTRACT	UNKNOWN	OCT-07	DEC-08	YES	
AJ100 DET CORDS, CAPS & FUZES										
BREECH PLUG ASSEMBLY, TITANIUM	371	501.3	NSWC CRANE	OCT-06	CONTRACT	UNKNOWN	AUG-07	FEB-08	YES	
ACCESSORY KIT, MK 34 MOD 0	2500	156.0	NSWC CRANE	OCT-06	CONTRACT	MULTIPLE CONTRACTORS	DEC-07	AUG-08	YES	
SQUIB, ELECTRIC, MK20	17100	39.9	NSWC CRANE	OCT-06	CONTRACT	UNKNOWN	DEC-07	JAN-09	YES	
RADIO FIRING DEVICE (RFD) MK 186	104	20,163.5	NSWC CRANE	OCT-06	CONTRACT	UNKNOWN	OCT-07	MAR-09	YES	
DETONATOR, NON-ELEC, MK 121	8000	139.5	NSWC CRANE	OCT-06	CONTRACT	UNKNOWN	AUG-07	JAN-09	YES	
AJ100 SHOCK TEST CHARGES										ļ
CHARGE, SHOCK TEST, 60 LB	550	1,185.5	JMC ROCK ISLAND	OCT-06	MIPR	CRANE AAA	APR-07	JUN-08	YES	
AJ100 SIGNALS										
SIG KIT MK 189 MOD 0	1770	58.2	NSWC CRANE	OCT-06	CONTRACT	CRANE NAVY	MAY-07	AUG-07	YES	
MARKER, LOCATION, SUB, MK 140	38	1,315.8	NSWC CRANE	OCT-06	CONTRACT	CRANE AAA	AUG-07	AUG-08	YES	
AJ100 TRAINING DEVICES										
SIM, HAND GRENADE, M116	4050	14.1	JMC ROCK ISLAND	OCT-06	MIPR	PYROTECHNIQUE BY GRUC	DEC-06	JUN-08	YES	
FY 2008										
AJ100 CUTTERS & CARTRIDGES										
SWITCH, SQUIB ACTUATED, MK 11	100	400.0	INDIAN HEAD	OCT-07	CONTRACT	UNKNOWN	MAR-08	MAY-09		JUL-07
CTG, IMPULSE, MK 235	78	1,397.4	INDIAN HEAD	OCT-07	CONTRACT	UNKNOWN	MAR-08	MAY-09		JUL-07
CUTTER, MK20, NON-ELECTRIC IN	1000	408.0	INDIAN HEAD	OCT-07	CONTRACT	UNKNOWN	MAR-08	MAR-09		JUL-07
TITANIUM DISRUPTER CANNON	45	1,066.7	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	MAR-08	DEC-08		JUL-07

CLASSIFICATION:		UNCLAS	SIFIED							
Exhibit P5A, PROCUREMENT HISTORY AND	PLANN	ING (CON	ITINUATION)		Weapon System				DATE	
·									1	ary 2008
APPROPRIATION/BUDGET ACTIVITY					P-1 LINE ITEM NON				SUBH	EAD
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					PYROTECHNIC AN	D DEMOLITION			A1AJ	
		ı		ı	BLIN: 0340		ı	ı		
COST ELEMENT	Quantity		LOCATION	RFP ISSUE		CONTRACTOR	AWARD	DATE OF	SPEC	DATE
FISCAL YEAR		COST	OF PCO	DATE	METHOD	AND LOCATION	DATE	FIRST		REVISIONS
A 1/40 PET COPPO O PO O FUTEO					& TYPE			DELIVERY	NOW .	AVAILABLE
AJ100 DET CORDS, CAPS & FUZES			NOWO OBANE		CONTRACT	LINUCALONAL				
FIRING DEVICE, ACOUSTIC, MK 58	1000	1,690.0	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	MAR-08	SEP-09		JUL-07
RADIO FIRING DEVICE (RFD) MK 186	46	22,717.4	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	MAR-08	MAR-09		JUL-07
DETONATOR, NON-ELEC, MK 121	2580	177.5	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	MAR-08	AUG-09		JUL-07
IGNITER, TIME BLASTING FUZE	50100	6.6	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	MAR-08	DEC-08		JUL-07
CAP, BLASTING, ELEC, INERT	6000	8.2	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	MAR-08	MAR-09		JUL-07
AJ100 MINE CHARGES & CHARGE CUTTERS										
CHG, DML, BLK, COMP C-4, 1.25	24000	17.1	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	MAY-08	MAY-09		JUL-07
CHG, DML, BLK, M118, PETN, 2LB	4000	52.5	JMC ROCK ISLAND	OCT-07	MIPR	ENSIGN BICKFORD SIMSBU	MAR-08	JAN-09		JUL-07
CHG, DML, TNT, 1/2 LB	10080	14.2	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	MAR-08	MAR-09		JUL-07
AJ100 SHOCK TEST CHARGES										
CHARGE, SHOCK TEST, 60 LB	550	1,360.0	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	DEC-07	DEC-08		JUL-07
AJ100 SIGNALS										
SIG, SMK ILLUM, MAR, MK 144/11	1046	1,623.3	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	MAR-08	SEP-09		JUL-07
FY 2009										
AJ100 CUTTERS & CARTRIDGES										
CTG, 50 CAL BLANK, ELEC, MK 209	10000	49.5	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAR-09	MAR-10		JUL-08
AJ100 DET CORDS, CAPS & FUZES										
CAP, BLASTING, ELECTRIC, MK 17 MOD 1	7134	46.0	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAR-09	SEP-10		
CAP, BLASTING, NON-ELEC, INER	4000	5.8	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	JAN-10		JUL-08
CORD, DETONATING, REINFORCED	12000	0.7	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	OCT-09		JUL-08
RADIO FIRING DEVICE (RFD) MK 186	36	23,222.2	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAR-09	MAR-10		JUL-08
DET, NON-EL, 50' DUAL, MK 153	8000	61.1	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAR-09	MAR-10		JUL-08
NON-EL DET W/IN-LINE INITIATO	8000	75.6	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAR-09	MAR-10		JUL-08
DET, NON-EL, 500' DUAL, MK 15	8000	184.1	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAR-09	MAR-10		JUL-08
FIRING DEVICE, MK 62	1600	925.6	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAR-09	MAR-10		JUL-08
CONNECTOR, DET CORD, PLASTIC	30000	0.5	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAR-09	JAN-10		JUL-08

CLASSIFICATION:		UNCLAS	SIFIED								
Exhibit P5A, PROCUREMENT HISTORY AND	PLANNI	NG (CON	ITINUATION)		Weapon System				DATE		
APPROPRIATION/BUDGET ACTIVITY					P-1 LINE ITEM NOI	MENCLATURE				uary 2008 HEAD	
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					PYROTECHNIC AN	ID DEMOLITION			A1AJ		
					BLIN: 0340						
COST ELEMENT	Quantity	UNIT	LOCATION	RFP ISSUE	CONTRACT	CONTRACTOR	AWARD	DATE OF	SPEC	DATE	
FISCAL YEAR		COST	OF PCO	DATE	METHOD	AND LOCATION	DATE	FIRST	AVAIL	REVISIONS	
					& TYPE			DELIVERY	NOW	AVAILABLE	
AJ100 MINE CHARGES & CHARGE CUTTERS											
CHG, ASSY, DML, M183/37	3080	388.6	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	MAR-10		JUL-08	
AJ100 SHOCK TEST CHARGES											
CHARGE, SHOCK TEST, 60 LB	575	1,309.6	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	DEC-08	DEC-09		JUL-08	
AJ100 TRAINING DEVICES	010	1,000.0		301 00			520 00	520 00		002 00	
SIM, PROJ, GROUND BURST	4200	18.3	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	MAR-10		JUL-08	
SIM, HAND GRENADE, M116	8000	14.8	JMC ROCK ISLAND	OCT-08	MIPR	PYROTECHNIQUE BY GRUC	AUG-09	AUG-10		JUL-08	
Remarks:											

	BUDGET ITEM JUSTIFICATION SHEET													
			P-40								February 2008			
APPROPRIATION/BUD	PROPRIATION/BUDGET ACTIVITY P-1 ITEM NOMENCLATURE													
PROCUREMENT OF A	OCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1 040000, AMMUNITION LESS THAN \$5 MILLI													
Program Element for Co	ode B Items:						Other Related Program Elements							
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program			
Quantity										Cont	Cont			
Cost (\$M)	st (\$M) \$21.3 A \$1.2 \$3.2 \$3.2 \$3.3 \$3.4 \$3.4 \$3.5 Co													

MISSION DESCRIPTION: Marine Location Markers (MLM) include both air-launched and hand-launched pyrotechnic devices. The aircraft launched units visually assist in the location of sonobouys during anti-submarine operations. The hand launched units are used in a variety of situations to include Search And Rescue (SAR) operations, Man Overboard drills and Target Marking. The MK 58 was designed for day or night use in any condition calling for long burning, smoke and flame reference-point marking on the ocean. It produces yellow flame and white smoke for 40-60 minutes which is visible for at least three miles under normal operating conditions.

The current budget profile provides funding for MK-58 marine location marker procurement and other support costs which include procurement of non-standard items and renovation components as well as product improvement program (PIP) efforts to improve the safety and reliability of marine location markers

BUDG	BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS														
	P40-A PROPRIATION/BUDGET ACTIVITY P-1 ITEM NOMENCLATURE														
APPROPRIATION/BUDGET ACT															
PROCUREMENT OF AMMUNITION	N \$5 MILLION														
Procurement Items	ID Code	Prior Years	FY 2007	FY 2008	FY 2009		To Complete	Total Program							
MK58 MARINE LOCATION MARKERS															
Quantity	Α	34,918	1,098	5,202	5,365		Cont	Cont							
Funding		10,802	522	2,457	2,618		Cont	Cont							
Other Costs		10,519	670	750	589		Cont	Cont							
Total P-1 Funding		\$21,321	\$1,192	\$3,207	\$3,207		Cont	Cont							