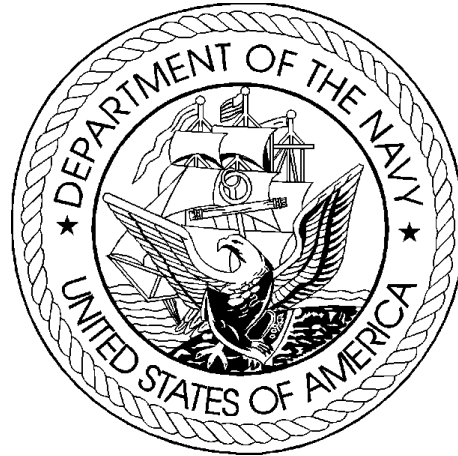


DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2010
BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES
MAY 2009

PROCUREMENT OF AMMUNITION,
NAVY AND MARINE CORPS
BUDGET ACTIVITY 1

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Department of Defense Appropriations Act, 2010

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 therefore, 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, \$1,551,455,000, to remain available for obligation until September 30, 2012.

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UNCLASSIFIED

Department of the Navy
 FY 2010/2011 President's Budget
 Exhibit P-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
 Summary
 (Dollars in Thousands)

05 MAY 2009

APPROPRIATION: Procurement of Ammo, Navy & MC

Budget Activity -----	FY 2008 Base&OCO Actuals -----	FY 2009 Base&OCO SupReq 4/9/09 -----	FY 2010 Base -----	FY 2010 OCO -----	FY 2010 Total -----
01. Proc Ammo, Navy	553,244	562,893	448,913	216,569	665,482
TOTAL Procurement of Ammo, Navy & MC	553,244	562,893	448,913	216,569	665,482

UNCLASSIFIED

Department of the Navy
 FY 2010/2011 President's Budget
 Exhibit P-1 FY 2010 Base and Overseas Contingency Operations (OCO) Request
 (Dollars in Thousands)

APPROPRIATION: 1508N Procurement of Ammo, Navy & MC

DATE: 05 MAY 2009

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2008 Base&OCO Actuals		FY 2009 Base&OCO SupReq 4/9/09		FY 2010 Base		FY 2010 OCO		FY 2010 Total		S E C
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
BUDGET ACTIVITY 01: Proc Ammo, Navy													

NAVY AMMUNITION													
1	GENERAL PURPOSE BOMBS	A		112,727		176,363		75,227		40,500		115,727	U
2	JDAM	B	1412	43,014	169	9,279		1,968				1,968	U
3	AIRBORNE ROCKETS, ALL TYPES	A		26,818		57,054		38,643		42,510		81,153	U
4	MACHINE GUN AMMUNITION	A		12,565		18,860		19,622		109,200		128,822	U
5	PRACTICE BOMBS	A		36,093		39,303		33,803				33,803	U
6	CARTRIDGES & CART ACTUATED DEVICES	A		43,956		46,506		50,600				50,600	U
7	AIR EXPENDABLE COUNTERMEASURES	A		90,745		95,770		79,102		5,501		84,603	U
8	JATOS	A		3,101		3,169		3,230				3,230	U
9	5 INCH/54 GUN AMMUNITION	A		28,823		20,897		27,483		352		27,835	U
10	INTERMEDIATE CALIBER GUN AMMUNITION	A		11,135		1,468		25,974				25,974	U
11	OTHER SHIP GUN AMMUNITION	A		21,631		34,041		35,934		2,835		38,769	U
12	SMALL ARMS & LANDING PARTY AMMO	A		108,341		46,201		43,490		14,229		57,719	U
13	PYROTECHNIC AND DEMOLITION	A		11,088		10,784		10,623		1,442		12,065	U
14	AMMUNITION LESS THAN \$5 MILLION	A		3,207		3,198		3,214				3,214	U
TOTAL Proc Ammo, Navy				553,244		562,893		448,913		216,569		665,482	
TOTAL Procurement of Ammo, Navy & MC				553,244		562,893		448,913		216,569		665,482	

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: May 2009				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1							P-1 ITEM NOMENCLATURE 014500, GENERAL PURPOSE BOMBS					
Program Element for Code B Items:							Other Related Program Elements 0204162N					
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010	FY2010 OCO	FY 2010 TOTAL					
Quantity												
Cost (\$M)	\$1,404.4		\$112.7	\$176.4	\$75.2	\$40.5	\$115.7					
<p>MISSION DESCRIPTION:</p> <p><u>The BLU-109</u> : The procurement of the BLU-109 is to improve the war reserve posture.</p> <p><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.</p> <p><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 insensitive munitions performance.</p> <p><u>BSU-85/BSU-86 Retarder Fins</u>: Procurement to replace wartime and training expenditures and maintain war reserve.</p> <p><u>FUZES</u>: Current General Purpose Bomb fuze supporting JDAM, DMLGB (Dual Mode Laser Guided Bomb), LGBs (Laser Guided Bombs), and General Purpose Bombs.</p> <p><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.</p> <p><u>Direct Attack Moving Target Capability</u>: This funding is to procure non-developmental Direct Attack Moving Target capable weapons for fixed wing aircraft through a competitive procurement contract planned for FY09. The intent of this procurement is to address a documented capability requirement for DON fixed wing aircraft. This acquisition will ensure Navy and Marine Corps fixed wing moving target direct attack capacity until Small Diameter Bomb delivery in 2016.</p> <p><u>Bomb Subcomponents</u>: The Bomb Subcomponents line funding procures Arming Wires, adapters, lugs, nose plugs, etc.</p> <p><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 requirements and incorporating fuze engineering changes for manufacturing/production/obsolescence enhancements and to improve fuze system reliability.</p> <p>FY08 provides funding to procure BSU-85, BLU-111, BLU-110, BLU-109, Bombs Subcomponents, Direct Attack Moving Target Capability and associated support.</p> <p>FY09 provides funding to procure BSU-86, BLU-111, BLU-110, BLU-109, FMU-139C/B, Bombs Subcomponents, Direct Attack Moving Target Capability Production Acceptance Test & Evaluation (PAT&E) and associated support.</p> <p>FY10 provides funding to procure BLU-111, Direct Attack Moving Target Capability, Bomb Subcomponents and associated support.</p> <p>FY 2009 OCO: The FY 09 budget provides funding to procure General Purpose Bomb BLU-109 bomb bodies and high drag BSU-86 tail fins to replenish inventory expended in support of the Overseas Contingency Operations (OCO). The BLU-109 procurement is to improve the war reserve posture; the BSU-86 OCO procurements will ensure the war reserve is maintained while warfighters continue to expend in training evolution.</p> <p>FY 2010 OCO: OCO FMU-139 Electrical Fuze procurement is required to initiate detonation of the General Purpose Bomb Warhead (Laser Guided Bombs, Joint Direct Attack Munitions, Unguided General Purpose Bombs). Laser Guide Bomb Computer Control Groups: The OCO weapon expenditure has decreased warfighter required inventory levels of these vital ordnance components. Without the required number of Laser Guided Bomb Computer Control Groups, the fleet readiness drops below required levels, and efforts to replenish, replace and distribute these components are compromised.</p>												

Exhibit P-5 Cost Analysis							Weapon System						DATE: May 2009		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1- Navy Ammunition							P-1 ITEM NOMENCLATURE/SUBHEAD 014500, GENERAL PURPOSE BOMBS /J1Q2								
Cost Code	Element of Cost	ID Code	Total Cost (Dollars in Thousands)												
			Prior Years	FY 2008			FY 2009			FY 2010			FY 2010 OCO		
			Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost
	GENERAL PURPOSE BOMBS SUBTOTAL					<u>89,006</u>			<u>134,177</u>			<u>43,150</u>			
Q2020	BSU-86 (Note 3)	A					11,000	1,493.36	16,427						
Q2031	BSU-85	A		5,988	1,761	10,543									
Q2032	FMU-139 C/B FUZE	A					10,500	1,710.00	17,955						
Q2033	FMU-164 FUZE	A													
Q2191	BLU-111	A		7,042	4,028	28,364	8,774	3,308.22	29,026	1,540	4,734.29	7,291			
Q2192	BLU-110	A		2,500	7,216	18,040	2,452	5,928.46	14,537						
Q2199	BLU-109 (Note 2)/(Note 3)	A		388	24,704	9,585	2,232	23,806.78	53,137						
Q2197	Bombs Subcomponents	A				4,100			3,095			2,351			
Q2200	Direct Attack Moving Target Capability	B		400	14,770	18,374				2,099	15,964.00	33,508			
Q2210	Hard Target Void Sensing Fuze	B													
TBD	Laser Guided Bombs CCG Kits (OCO)	A											3,240	10,000.00	32,400
Q2032	FMU-139 Electrical Fuze (OCO)	A											4,535	1,786.00	8,100
	ILS SUBTOTAL					<u>617</u>			<u>600</u>			<u>600</u>			
Q2800	ILS (FUZES)														
Q2800	ILS (GBU)														
Q2800	ILS (GP BOMBS)					617			600			600			
	PES/NAVY SUBTOTAL					<u>21,404</u>			<u>37,409</u>			<u>28,497</u>			
Q2830	OTHER PES (GP BOMBS)					3,953			4,582			3,022			
Q2830	PES (FUZES)					9,376			9,970			8,990			
Q2830	PES (GBU & LGB)					8,075			4,968			3,599			
Q2830	PES (DAMTC)								4,097			6,487			
Q2830	DAMTC Production Acceptance Test & Evaluation (Note 2)								13,792			6,399			
	OTHER SUBTOTAL					<u>1,700</u>			<u>4,177</u>			<u>2,980</u>			
Q2850	PRODUCT IMPROVEMENT PROGRAM (PIP)					1,050			3,673			2,380			
Q2892	NON-STANDARD ITEMS					200			100			200			
Q2893	RENOVATION COMPONENTS					200			154			200			
Q2894	GAGING					250			250			200			
	Total					1,404,440			112,727			176,363			75,227
															40,500

Notes:

- The BLU-109 unit cost increase is 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. The current prices from FY09 through FY13 were received from JMC, Rock Island.
- DAMTC - In FY08 total dollars include production engineering support. FY09 and FY10 DAMTC funds are included in the DAMTC PES and DAMTC Production Acceptance Test and Evaluation line for production qualification testing.
- FY09 BSU-86 (\$7.3M) and BLU-109 (23.1M) increases are due to the OCO (Overseas Contingency Operations)

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE May 2009		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPSIBA 1					C. P-1 ITEM NOMENCLATURE 014500, GENERAL PURPOSE BOMBS					SUBHEAD 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
<u>GENERAL PURPOSE BOMBS</u>										
BSU-86										
2009	11,000	1,493	JMC ROCK ISLAND, IL	Jan 09	C-OPTION	CAPCO INC.	Jan 09	Jul 09	YES	
BSU-85										
2008	5,988	1,761	JMC ROCK ISLAND, IL	Dec 07	C-FP	GENERAL DYNAMICS, TX	Feb 08	Jan 09	YES	
FMU-139 FUZE										
2003	17,411	747	NAVAIR	Dec 03	SS-FP	KDI, CINCINNATI, OH	Sep 03	Sep 08	YES	
2005	9,164	788	NAVAIR	Dec 04	C-FP	ATK TACTICAL SYSTEMS, KEYSER, WV	Apr 05	May 09	YES	
2006	7,034	974	NAVAIR	May 06	SS-FP	ATK TACTICAL SYSTEMS, KEYSER, WV	May 08	Oct 09	YES	
2009	10,500	1,710	NAVAIR	Nov 08	C-FP	KDI, CINCINNATI, OH	Jul 09	Apr 10	YES	
BLU-111										
2006	4,756	2,846	JMC ROCK ISLAND, IL	Dec 05	C-FP	GENERAL DYNAMICS, GARLAND TX	Feb 06	Oct 09	YES	
2007	1,876	2,885	JMC ROCK ISLAND, IL	Jan 07	C-OPTION	GENERAL DYNAMICS, GARLAND TX	Jan 07	Dec 09	YES	
2008	7,042	4,028	JMC ROCK ISLAND, IL	Jan 08	C-OPTION	GENERAL DYNAMICS, GARLAND TX	Jan 08	Jul 09	YES	
2009	8,774	3,308	JMC ROCK ISLAND, IL	Jan 09	C-OPTION	GENERAL DYNAMICS, GARLAND TX	Jan 09	Sep 09	YES	
2010	1,540	4,734	JMC ROCK ISLAND, IL	Jan 10	C-OPTION	GENERAL DYNAMICS, GARLAND TX	Jan 10	Sep 10	YES	
BLU-110										
2005	6,765	5,516	JMC ROCK ISLAND, IL	Dec 05	C/FP	GENERAL DYNAMICS, GARLAND TX	Feb 05	Oct 06	YES	
2006	1,995	5,898	JMC ROCK ISLAND, IL	Dec 05	C/FP	GENERAL DYNAMICS, GARLAND TX	Feb 06	Jun 09	YES	
2007	2,527	5,588	JMC ROCK ISLAND, IL	OPTION	C-OPTION	GENERAL DYNAMICS, GARLAND TX	Feb 07	Jan 10	YES	
2008	2,500	7,216	JMC ROCK ISLAND, IL	OPTION	C-OPTION	GENERAL DYNAMICS, GARLAND TX	Feb 08	Sep 09	YES	
2009	2,452	5,928	JMC ROCK ISLAND, IL	OPTION	C-OPTION	GENERAL DYNAMICS, GARLAND TX	Feb 09	Mar 10	YES	

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE May 2009		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPSIBA 1					014500, GENERAL PURPOSE BOMBS					J1Q2
Cost Element/Fiscal Year	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
Fuzes	2007	6,772	2,835	JMC ROCK ISLAND, IL	Mar 07	C-FP	KDI, CINCINNATI, OH	Sep 08	May 09	YES
BLU-109	2008	388	24,704	JMC ROCK ISLAND, IL	Dec 07	C-OPTION	NATIONAL FORGE, IRVING, PA	Jan 08	Feb 09	YES
	2009	2,232	23,807	JMC ROCK ISLAND, IL	Dec 08	C-OPTION	NATIONAL FORGE, IRVING, PA	Jan 09	Feb 10	YES
DIRECT ATTACK MOVING TARGET CAPABILITY	2008	400	14,770	NAVAIR	Aug 07	FFP(IDIQ)	BOEING	May 08	Oct 09	YES
	2010	2,099	15,964	NAVAIR	Aug 09	C-FP	TBD	Apr 10	May 10	YES
DUAL MODE LGB	2006	5,359	10,368	NAVAIR	Dec 06	C-OPTION	ARCHBALD, PA	Dec 06	Sep 07	YES
	2007	1,698	10,200	NAVAIR	Jun 07	C-OPTION	LOCKHEED MARTIN CORPORATION, ARCHBALD, PA	Sep 07	Dec 09	YES
LASER GUIDED BOMBS CCG (OCO)	2010	3,240	10,000	HILL AFB	Jan 09	C-OPTION	TBD	Jan 10	Jun 10	YES
Fuzes (FMU-139 ELECTRICAL FUZE) (OCO)	2010	4,535	1,786	NAVAIR	Dec 08	C-OPTION	KDI	Mar 10	Mar 11	YES

PRODUCTION SCHEDULE, P-21										DATE																						
APPROPRIATION/BUDGET ACTIVITY										MAY 2009																						
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION										Weapon System					P-1 ITEM NOMENCLATURE																	
										014500, General Purpose Bombs																						
Item	Manufacturer's Name and Location					Production Rate			Procurement Leadtimes										Unit of Measure													
						MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total																			
BSU-86	CAPCO, CO					7200	12000	36000			4				6		10									E						
BSU-85	General Dynamics, TX					7200	12000	36000			5				11		16									E						
FMU-139 Fuze	ATK, Rocket Center, WV					12000	24000	74400			6				12		18									E						
	KDI, OH					2400	45600	74400			6				12		18									E						
BLU-111	General Dynamics, TX					14400	28800	57600			4				8		12									E						
BLU-110	General Dynamics, TX					8400	16800	33360			5				13		18									E						
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008												FISCAL YEAR 2009												B A I		
						CALENDAR YEAR 2008												CALENDAR YEAR 2009														
BSU-86						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A I		
CAPCO, CO	07	N	15,660	2421	13,239													1305	1305	1305	1305	1305	1305	1305	1305	1305	1305	1305	1305	0		
CAPCO, CO	09	N	11,000	0	11,000																							917	917	917	8,249	
BSU-85																																
General Dynamics	05	N	10,790	0	10,790					576	576	864	864	864	1152	864	864	1152	1152	864	998										0	
General Dynamics	08	N	5,988	0	5,988					A											998	998	998	998	998	998					0	
FMU-139 B/B Fuze																																
KDI(1)	03	N	17,411	0	17,411													1000	1000	1000	1500	1500	2000	2000	2000	2500	2500	411			0	
ATK(2)	05	N	9,164	0	9,164																					1871	2500		2500	2293		0
ATK(3)	06	N	7,034	0	7,034								A																		7,034	
FMU-139 C/B Fuze																																
KDI	09	N	10,500	0	10,500																							A			10,500	
BLU-111																																
General Dynamics	06	N	4,756	0	4,756																										4,756	
General Dynamics	07	N	1,876	0	1,876																										1,876	
General Dynamics	08	N	7,042	0	7,042				A																			3521	3521		0	
General Dynamics	09	N	8,774	0	8,774																	A								4387	4,387	
BLU-110																																
General Dynamics	05	N	6,765	2063	4,702																					1196	1161	1602	743		0	
General Dynamics	06	N	1,995	0	1,995																					112	1368	515			0	
General Dynamics	07	N	2,527	0	2,527																										2,527	
General Dynamics	08	N	2,500	0	2,500					A																				2500	0	
General Dynamics	09	N	2,452	0	2,452																					A					2,452	
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010												FISCAL YEAR 2011												B A I		
						CALENDAR YEAR 2010												CALENDAR YEAR 2011														
BSU-86						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A I		
CAPCO, CO	09	N	11,000	2751	8,249	917	917	917	917	917	917	917	917	917	913																	
FMU-139 B/B Fuze																																
ATK(3)	06	N	7,034	0	7,034	2000	2000	2000	1034																							
FMU-139C/B Fuze																																
KDI	09	N	10,500	0	10,500								1750	1750	1750	1750	1750															
BLU-111																																
General Dynamics	06	N	4,756	0	4,756	2650	2106																								0	
General Dynamics	07	N	1,876	0	1,876			1000	876																						0	
General Dynamics	09	N	8,774	4387	4,387	4387																									0	
General Dynamics	10	N	1,540	0	1,540					A								770	770												0	
BLU-110																																
General Dynamics	07	N	2,527	0	2,527				1111	855	280	281																			0	
General Dynamics	09	N	2,452	0	2,452							408	408	408	408	412															0	

Remarks: MONTHLY DELIVERIES VARY DEPENDING ON JOINT SERVICE REQUIREMENTS.

- 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.
- ATK deliveries are delayed due to FAT failure. FAT has restarted and the delivery schedule adjusted.
- Qty changes are due to procurement of the FZU-61 accessory kit needed for the FMU-139 fuze.

PRODUCTION SCHEDULE, P21										DATE: MAY 2009																		
APPROPRIATION/BUDGET ACTIVITY										Weapon System					P-1 ITEM NOMENCLATURE													
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION										014500, General Purpose Bombs																		
Item	Manufacturer's Name and Location	Production Rate			Procurement Leadtimes										Total	Unit of Measure												
		MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT																				
BLU-109	National Forge, Irving, PA	120	480	1200																						17	E	
Direct Attack Moving Target Capability	TBD	TBD	TBD	TBD																							8	E
FUZES	KDI, OH	12000	24000	30000																							20	E
Dual Mode LGB	Lockheed Martin, Archbald, PA	1500	4000	8000																							17	E
Laser Guided Bombs CCG(OCO)	TBD	TBD	TBD	TBD																							9	E
FUZES (FMU-139 FUSE Electrical Fuse)(OCO)	KDI, OH	12000	24000	74400																							18	E

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	Fiscal Year 2008																Fiscal Year 2009												B A L												
						CALENDAR YEAR 2008																CALENDAR YEAR 2009																								
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																	
BLU-109																																														
National Forge	08	N	388	0	388					A																																	132			
National Forge	09	N	2,232	0	2,232																						A																2,232			
Direct Attack Moving Target Capability																																														
BOEING	08	N	400	0	400									A																													400			
FUZES																																														
KDI	07	N	6,772	0	6,772																																							3,272		
Dual Mode LGB																																														
Lockheed Martin	06	N	5,359	54	5,305	432	216	219	216	324	432	0	864	216	432	489	489	488	488																											0
Lockheed Martin	07	N	1,698	0	1,698																																								1,698	

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010																FISCAL YEAR 2011												B A L											
						CALENDAR YEAR 2010																CALENDAR YEAR 2011																							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																
BLU-109																																													
National Forge	08	N	388	256	132	32	32	32	36																																			0	
National Forge	09	N	2,232	0	2,232																																							0	
Direct Attack Moving Target Capability																																													
BOEING	08	N	400	0	400	50	50	50	50	50	50	50	50																															0	
TBD	10	N	2,099	0	2,099																																							0	
FUZES																																													
KDI	07	N	6,772	3,500	3,272	700	700	700	700	472																																		0	
Dual Mode LGB																																													
Lockheed Martin	07	N	1,698	0	1,698																																							0	
Laser Guided Bombs CCG (OCO)																																													
TBD	10	N	3,240	0	3,240																																							0	
FUZES (FMU-139 Electrical Fuze) (OCO)																																													
KDI	10	N	4,535	0	4,535																																							1,896	

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

PRODUCTION SCHEDULE, P21										DATE																						
APPROPRIATION/BUDGET ACTIVITY										Weapon System					P-1 ITEM NOMENCLATURE																	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION															014500, GENERAL PURPOSE BOMBS																	
Item		Manufacturer's Name and Location				Production Rate			Procurement Leadtimes																							
						MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																		
FUZES (FMU-139 Electrical Fuse) (OCO)		KDI, OH				12000	24000	74400		6		12	18	E																		
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2012										FISCAL YEAR 2013															
							2011					CALENDAR YEAR 2012					CALENDAR YEAR 2013															
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
FUZES (FMU-139 Electrical Fuse) (OCO)																																
KDI		10	N	4,535	2639	1,896	377	377	377	377	388																				0	
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	2013					FISCAL YEAR 2014					FISCAL YEAR 2015															
							2013					Calendar Year 2014					CALENDAR YEAR 2015															
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
Remarks: MONTHLY DELIVERIES VARY DEPENDING ON JOINT SERVICE REQUIREMENTS. The MSR represents the rate for joint service procurements.																																

BUDGET ITEM JUSTIFICATION SHEET							DATE: May 2009			
P-40										
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE			
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS / BA1							014800, JOINT DIRECT ATTACK MUNITION (JDAM)			
Program Element for Code B Items:							Other Related Program Elements 0204162N			
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010	FY 2010 OCO	FY 2010 Total			
Quantity	57,274	A	1,412	169						
Cost (\$M)	\$1,318.1	A	\$43.0	\$9.3	\$2.0	\$0.0	\$2.0			
Initial Spares (\$M)										
Total (\$M)	\$1,318.1		\$43.0	\$9.3	\$2.0	\$0.0	\$2.0			
Unit Cost (\$M)	0.023		0.030	0.055						
DERF Quantity - Non ADD	7,890									
DERF Cost (\$M) - Non ADD	\$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, 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-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). FY08 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) was incorporated into production lots beginning in FY05. Boeing Production Price Commitment Curve (PPCC) Pricing Agreement ended in Lot 11 (FY07). Pricing for Lots 12-17 has been renegotiated.

The total production buy for JDAM is 201,744 units (142,889 for USAF and 58,855 for Navy, not including any DERF). There is no requirement for initial spares because of the 20 year warranty.

FY08 and FY09 funding procures JDAM tailkits, airborne test equipment and associated support. FY10 provides funding for production support for FY08 and FY09 deliveries.

1. FY2008 funding total includes \$9.608M received in the 2008 Consolidated Appropriations Act, Division L. \$7.608M will procure 322 additional MK82 tailkits; \$2.0M will be used to convert 475 BLU-109 pin lock tailkits to MK84.

FY 2008 Request	Quantity	\$ in Thousands	
Baseline Request	1,090	33,406	
Supplemental Request	<u>322</u>	<u>9,608</u>	
Total Request	1,412	43,014	

Note: The actual FY08 quantity is a baseline quantity of 1,090 and supplemental quantity of 322 for a total of 1,412.

AMMUNITION PROCUREMENT COST ANALYSIS												DATE: May 2009			
P-5															
APPROPRIATION/BUDGET ACTIVITY						ID CODE	P-1 ITEM NOMENCLATURE/SUBHEAD								
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS						A	014800, JOINT DIRECT ATTACK MUNITION (JDAM)								
BA1 - NAVY AMMUNITION															
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010			FY 2010 OCO		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
JD100	AIR VEHICLE (Note 1)	A	1,156,418	1,412	23.278	32,869	169	24.046	4,064			0			
JD100	ENGINEERING CHANGE ORDERS (ECO)		3,841			750			250			0			
JD200	FUZES	A	36,842			0			0			0			
JD300	WARHEAD		<u>28,576</u>			<u>0</u>			<u>0</u>			<u>0</u>			
	Total Recurring Flyaway		1,225,677	1,412	23.809	33,619	169	25.527	4,314			0			
JD100	AIRBORNE TEST EQUIPMENT		5,382			312			121			0			
JD100	CONTRACTOR INCENTIVE		10,959			329			41			0			
JD100	SCHEDULE ACCELERATION		888			0			0			0			
JD700	CABLES		720			0			0			0			
JD830	PRODUCTION TECH SUPPORT (Note 2)		46,385			7,261			3,289			823			
JD840	PRODUCTION TEST		13,095			738			742			610			
JD850	DATA		<u>0</u>			<u>0</u>			<u>0</u>			<u>0</u>			
	Total Non-Recurring		77,429			8,640			4,193			1,433			
	Total Weapon Flyaway		1,303,106	1,412	29.928	42,259	169	50.337	8,507			1,433			
JD920	DATA (TECHNICAL)		271			59			61			62			
JD940	LOAD / BUILDUP TRAINERS		857			0			0			0			
JD960	TEST EQUIPMENT		4,339			0			0			0			
JD970	INTEGRATED LOGISTICS SUPPORT (ILS)		8,652			592			605			473			
JD990	TRAINING		<u>841</u>			<u>104</u>			<u>106</u>			<u>0</u>			
	Total Fleet Support		14,960			755			772			535			
	Total Weapon System		1,318,066	1,412	30.463	43,014	169	54.905	9,279			1,968			
	Total Program Cost		1,318,066	1,412		43,014	169		9,279			1,968			0

Note 1: \$7.6M Supplemental is included to procure 322 Tailkits

Note 2: \$2.0M Supplemental is included to convert 475 BLU-109 pin lock tailkits to MK84.

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION					C. P-1 ITEM NOMENCLATURE 014800 Joint Direct Attack Munition				SUBHEAD J1JD		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE	
<u>JDAM (Lot 11)</u> FY-07	3,324	22.158	USAF Eglin AFB, FL	Oct-06	SS/Option	MCDONNELL DOUGLAS CORP, SAINT LOUIS, MO	Nov 06	Mar 08	Yes		
<u>JDAM (Lot 12)</u> FY-08	1,412	23.278	USAF Eglin AFB, FL	Jun-07	SS/FFP	MCDONNELL DOUGLAS CORP, SAINT LOUIS, MO	Dec 07	Mar 09	Yes		
<u>JDAM (Lot 13)</u> FY-09	169	24.046	USAF Eglin AFB, FL	Oct-08	SS/Option	MCDONNELL DOUGLAS CORP, SAINT LOUIS, MO	Mar 09	Mar 10	Yes		
D. REMARKS Note 1: Boeing Production Price Commitment Curve (PPCC) Pricing Agreement ended in Lot 11 (FY07). Pricing for Lots 12-17 have been renegotiated (Navy procurements will complete in Lot13, FY09). Note 2: FY08 includes 322 units funded with OCO funding. Note 3: FY09 last year of procurement for Department of Navy											

PRODUCTION SCHEDULE, P-21						DATE May 2009																													
APPROPRIATION/BUDGET ACTIVITY						Weapon System						P-1 ITEM NOMENCLATURE																							
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA1						014800 Joint Direct Attack Munition (JDAM)																													
						Production Rate			Procurement Leadtimes																										
Item	Manufacturer's Name and Location					MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																					
JDAM	MCDONNELL DOUGLAS					4000	10000	36000	0	6	13	12	18	E																					
	ST LOUIS, MO																																		
ITEM / MANUFACTURER						FISCAL YEAR 2008												FISCAL YEAR 2009												BAL					
						2007					CALENDAR YEAR 2008												CALENDAR YEAR 2009												
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP						
JDAM - McDonnell Douglas																																			
Lot 11	07	N	3324	0	3324								600	700	600	500	200	300	200	124	100								0						
Lot 11	07	AF	7261	0	7261								400	500	400	500	792	600	700	700	700	800	800	369					0						
Lot 12	08	N	1412	0	1412																														
Lot 12	08	AF	3817	0	3817																		130	130	130	130	130	130	130	502					
																							282	282	282	282	282	282	282	1843					
Lot 13	09	N	169	0	169																									169					
Lot 13	09	AF	3826	0	3826																									3826					
ITEM / MANUFACTURER						FISCAL YEAR 2010												FISCAL YEAR 2011												BAL					
						2009					CALENDAR YEAR 2010												CALENDAR YEAR 2011												
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP						
Lot 12	08	N	1412	910	502	130	131	131	110																					0					
Lot 12	08	AF	3817	1974	1843	289	349	333	436	436																				0					
Lot 13	09	N	169	0	169																									0					
Lot 13	09	AF	3826	0	3826																									0					

Remarks:
 Lot 13 is last lot procurement for Department of Navy. USAF procurements continue through FY15.
 Production rates are based on joint procurements.

BUDGET ITEM JUSTIFICATION SHEET							DATE:					
P-40							May 2009					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION							P-1 ITEM NOMENCLATURE 015100, AIRBORNE ROCKETS ALL TYPES					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010	FY 2010 OCO Total	FY 2010 Total					
Quantity												
Cost (\$M)	197.4	A	26.8	57.1*	38.6	42.5	81.2					
Initial Spares (\$M)												
Total (\$M)	197.4		26.8	57.1*	38.6	42.5	81.2					
Unit Cost (\$M)												

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. The launcher product improvement will provide a more robust/durable launcher with a MIL-STD-1760 aircraft/store interface and replenish damaged/unreliable launchers as a result of Overseas Contingency Operations (OCO).

Over 18,800 2.75-inch rockets have been expended from both fixed and rotary wing aircraft during OIF and OEF, and annual training expenditures have increased to approximately 30,000 per year in preparation for (OCO deployments. Funding is required to avoid a shortfall of rocket components in support of OCO and ensure inventory does not fall below NNOR.

The 2.75" penetrator warhead, a new start, will provide USMC aircrew and ground commanders greatly enhanced weaponeering options, to engage targets protected by urban and cave environments. This new start program will provide a low-cost penetrator warhead in urgent need in the current fight in Afghanistan and Iraq and will directly improve aviation fire support to the Marine Air-Ground Task Force (MAGTF) now and in the future.

Prior years figures reflect FY2001 to FY2007. FY2000 and prior are in the 2.75-inch rockets line.
 Increase in FY10 due to the procurement of the Advanced Precision Kill Weapon System II (APKWS) guidance sections.

*FY09 total includes \$24.9M for OCO.
 **Difference is due to rounding.

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System AIRBORNE ROCKETS, ALL TYPES									DATE: May 2009		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION				ID Code A	P-1 ITEM NOMENCLATURE/SUBHEAD 015100, AIRBORNE ROCKETS ALL TYPES/J1Q5										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010			FY 2010 OCO		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
Q5030	WTU-1/B INERT WARHEAD	A	5,915	12,264	83.56	1,025	12,293	85.23	1,048	12,305	86.93	1,070			
Q5040	MK 66 ROCKET MOTOR (Mod 4)***	A	86,504	25,244	409.31	10,333	77,948	417.50	32,543	41,543	428.85	17,816	50,000	428.85	21,443
Q5041	*MK71 ROCKET MOTOR	A	49,295	1,420	4,664.79	6,624	577	5604.28	3,234	50	5716.37	286			
Q5042	MK 66 ROCKET MOTOR (Mod 6)	A		1,152	508.04	585	1,152	518.20	597	200	528.56	106			
Q5080	*MK146 (M229) HE WARHEAD	A	18,692			0	6,729	1439.20	9,684	3,724	1467.98	5,467			
Q5090	MK149 (M255A1 FLECHETTE) WH	A	3,645	4,134	673.43	2,784	4,760	686.90	3,270	2,200	700.64	1,541			
Q5200	SMOKEY SAM	A	2,067				3,405	144.59	492	3,342	147.48	493			
Q5800	INTEGRATED LOGISTICS SUPPORT (ILS)		1,893			302			440			550			
Q5830	*PRODUCTION ENG SUPPORT		11,367			3,375			2,771			2,721			
Q5850	PRODUCT IMPROVEMENT PROGRAM (PIP)		8,871			1,082			1,169			900			3,557
Q5860	MISCELLANEOUS COMPONENTS		1,509						100			100			
Q5870	CONTAINERS	A	4,918			678			446			900			
Q5892	NON-STANDARD ITEMS	A	200						40			40			
Q5893	RENOVATION COMPONENTS	A	1,127			31			60			60			
Q5895	*2.75" LAUNCHER**	A	1,050			0	92	8730.19	801	92	8904.79	718	600	25000.00	15,000
Q5896	APKWS G&C SECTIONS	A								325	16,952.00	5,509			
Q5897	*WTU-11/B	A	300				962	372.77	359	963	380.23	366	2,510	1,000.00	2,510
Q5898	MULTI PURPOSE PENETRATOR (MPP)	A	0												
			197,353			26,818			57,054			38,643			42,510

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

** 2.75" Launcher Unit Cost increase due to improved launcher to comply with MIL-STD-1760.

***FY09 total includes \$24.9M for OCO

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System AIRBORNE ROCKETS, ALL TYPES			A. DATE May 2009			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION					C. P-1 ITEM NOMENCLATURE 015100, AIRBORNE ROCKETS ALL TYPES					SUBHEAD J1Q5	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (\$000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE	
Q5030 *WTU-1/B INERT WARHEAD	2008	12,264	83.56	HUNTSVILLE	N/A	C/FFP/OPTION	GENERAL DYNAMICS, BURLINGTON, VT	05/08	11/09	YES	
	2009	12,293	85.23	HUNTSVILLE	N/A	C/FFP/OPTION	GENERAL DYNAMICS, BURLINGTON, VT	05/09	11/10	YES	
	2010	12,305	86.93	HUNTSVILLE	N/A	C/FFP/OPTION	GENERAL DYNAMICS, BURLINGTON, VT	05/10	11/11	YES	
Q5040 *MK66 MOD 4 ROCKET MOTOR	2007	13,512	411.03	HUNTSVILLE	N/A	C/FFP/OPTION	GENERAL DYNAMICS, BURLINGTON, VT	04/07	10/08	YES	
	2008	25,244	409.31	HUNTSVILLE	N/A	C/FFP/OPTION	GENERAL DYNAMICS, BURLINGTON, VT	04/08	10/09	YES	
	2009	77,948	417.50	HUNTSVILLE	N/A	C/FFP/OPTION	GENERAL DYNAMICS, BURLINGTON, VT	04/09	10/10	YES	
	2010	91,543	428.85	HUNTSVILLE	N/A	C/FFP/OPTION	GENERAL DYNAMICS, BURLINGTON, VT	04/10	10/11	YES	
D. REMARKS *Pricing is provided by the Army and incorporates other services' buys.											

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System AIRBORNE ROCKETS, ALL TYPES			A. DATE May 2009			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION					C. P-1 ITEM NOMENCLATURE 015100, AIRBORNE ROCKETS ALL TYPES					SUBHEAD J1Q5	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (\$000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE	
Q5041 MK71 ROCKET MOTOR											
2007	800	4,300.00	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	09/07	09/08	YES		
2008	1,420	4,664.79	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	03/08	03/09	YES		
2009	577	5,604.28	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	03/09	03/10	YES		
2010	50	5,716.37	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	03/10	03/11	YES		
Q5042 *MK66 MOD 6 ROCKET MOTOR											
2008	1,152	508.04	HUNTSVILLE	N/A	C/CPIF	GENERAL DYNAMICS, BURLINGTON, VT	04/08	01/09	YES		
2009	1,152	518.20	HUNTSVILLE	N/A	C/CPIF	GENERAL DYNAMICS, BURLINGTON, VT	04/09	01/10	YES		
2010	200	528.56	HUNTSVILLE	N/A	C/CPIF	GENERAL DYNAMICS, BURLINGTON, VT	04/10	01/11	YES		
D. REMARKS *Pricing is provided by the Army and incorporates other services' buys.											

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System AIRBORNE ROCKETS, ALL TYPES		A. DATE May 2009			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION					C. P-1 ITEM NOMENCLATURE 015100, AIRBORNE ROCKETS ALL TYPES					SUBHEAD J1Q5	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (\$000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE	
Q5080 MK146 (M229) HE WARHEAD											
2007	8,701	1,356.99	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	03/07	03/08	YES		
2009	6,729	1,439.20	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	03/09	03/10	YES		
2010	3,724	1,467.98	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	03/10	03/11	YES		
Q5090 *MK149 (M255A1 FLECHETTE) WH											
2007	3,328	1,095.11	HUNTSVILLE	N/A	C/CPIF/OPTION	GENERAL DYNAMICS, BURLINGTON, VT	04/07	08/09	YES		
2008	4,134	673.43	HUNTSVILLE	N/A	C/CPIF/OPTION	GENERAL DYNAMICS, BURLINGTON, VT	04/08	08/10	YES		
2009	4,760	686.90	HUNTSVILLE	N/A	C/CPIF/OPTION	GENERAL DYNAMICS, BURLINGTON, VT	04/09	08/11	YES		
2010	2,200	700.64	HUNTSVILLE	N/A	C/CPIF/OPTION	GENERAL DYNAMICS, BURLINGTON, VT	04/10	08/12	YES		
Q5200 SMOKEY SAM											
2009	3,405	144.59	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/09	04/10	YES		
2010	3,342	147.48	NAVAIR	N/A	PX	NSWC INDIAN HEAD DIV, INDIAN HD MD	04/10	04/11	YES		
D. REMARKS *Pricing is provided by the Army and incorporates other services' buys.											

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System AIRBORNE ROCKETS, ALL TYPES			A. DATE May 2009			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION					C. P-1 ITEM NOMENCLATURE 015100, AIRBORNE ROCKETS ALL TYPES					SUBHEAD J1Q5	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (\$000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE	
Q5895 2.75" LAUNCHER											
2007	125	8,400.00	NAVAIR	N/A	C/FFP/OPTION	FLEXIBLE CONCEPTS, ELKHART	11/08	02/09	YES		
2009	92	8,730.19	NAVAIR	N/A	C/FFP/OPTION	FLEXIBLE CONCEPTS, ELKHART	04/09	04/10	YES		
2010	92	8,904.79	NAVAIR	N/A	C/FFP/OPTION	FLEXIBLE CONCEPTS, ELKHART	04/10	04/11	YES		
(OCO) 2010**	600	25,000.00	NAVAIR	N/A	C/CPIF	TBD	04/10	04/12	YES		
Q5896 APKWS G&C SECTIONS											
2010	325	16,952.00	NAVAIR	N/A	C/CPIF/OPTION	BAE SYSTEMS, NASUA HI	04/10	04/11	YES		
Q5897 WTU-11/B											
2007	1,200	250.00	NAVAIR	N/A	C/FFP/OPTION	FLEXIBLE CONCEPTS, ELKHART	08/08	02/09	YES		
2009	962	372.77	NAVAIR	N/A	C/FFP/OPTION	FLEXIBLE CONCEPTS, ELKHART	03/09	03/10	YES		
2010	963	380.23	NAVAIR	N/A	C/FFP/OPTION	FLEXIBLE CONCEPTS, ELKHART	03/10	03/11	YES		
Q5898 MPP											
(OCO) 2010	2,510	1,000.00	NAVAIR	N/A	C/CPFF	TBD	03/10	03/11	YES		
D. REMARKS											
*Pricing is provided by the Army and incorporates other services' buys.											
** 2.75" Launcher Unit Cost increase due to improved launcher to comply with MIL-STD-1760.											

BUDGET PRODUCTION SCHEDULE, P-21						DATE May 2009																				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA-1 - NAVY AMMUNITION						Weapon System <small>AIRBORNE ROCKETS, ALL TYPES</small>						P-1 ITEM NOMENCLATURE 015100, AIRBORNE ROCKETS, ALL TYPES														
Item	Manufacturer's Name and Location					Production Rate			Procurement Leadtimes							Total		Unit of Measure								
						MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure												
						Q TY	D EL	B AL	O CT	N OV	D EC	J AN			F EB					M AR	A PR	M AY	J UN	J UL	A UG	S EP
Q5040 MK 66 Rocket Motor	GENERAL DYNAMICS,VT					3.6	300	552	6	7			18	25	K											
Q5041 MK 71 Rocket Motor	NSWC, IH					.3	8	15	1	6			12	18	K											
Q5080 MK146 (M229) HE WH	NSWC, IH					1	8	15	6	6			12	18	K											
Q5895 2.75" LAUNCHER	TBD					0.01	0.05	1.5		7			24	31	K											
Q5896 APKWS G&C SECTIONS	BAE SYSTEMS, NH					0.2	0.8	1.5	5	7			12	19	K											

ITEM / MANUFACTURER	F Y	S VC	Q TY	D EL	B AL	FISCAL YEAR 2008													FISCAL YEAR 2009													B AL													
						2007													CALENDAR YEAR 2008														CALENDAR YEAR 2009												
						O CT	N OV	D EC	J AN	F EB	M AR	A PR	M AY	J UN	J UL	A UG	S EP	O CT	N OV	D EC	J AN	F EB	M AR	A PR	M AY	J UN	J UL	A UG	S EP																
Q5040 MK66 Rkt Mtr/Gen Dyn	07	N	13.5	0	13.5																						5	1.5	1	1	1.5	0.5	0.5	0.5	0.5	0.5	0.5	0							
Q5040 MK66 Rkt Mtr/Gen Dyn	08	N	25.2	0	25.2																																	25.2							
Q5040 MK66 Rkt Mtr/Gen Dyn	09	N	77.9	0	77.9																																77.9								
Q5041 MK71 Rkt Mtr/NSWC	08	N	1.4	0	1.4																																0								
Q5080 MK146 (M229) HE WARHEAD/NSWC	07	N	8.7	0	8.7						1.2	1.2	1.2	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.1																0								
Q5080 MK146 (M229) HE WARHEAD/NSWC	09	N	6.7	0	6.7																																6.7								

ITEM / MANUFACTURER	F Y	S VC	Q TY	D EL	B AL	FISCAL YEAR 2010													FISCAL YEAR 2011													B AL													
						2009													CALENDAR YEAR 2010														CALENDAR YEAR 2011												
						O CT	N OV	D EC	J AN	F EB	M AR	A PR	M AY	J UN	J UL	A UG	S EP	O CT	N OV	D EC	J AN	F EB	M AR	A PR	M AY	J UN	J UL	A UG	S EP																
Q5040 MK66 Rkt Mtr/Gen Dyn	08	N	25.2	0.0	25.2	2.5	2.5	2.5	2	2	2	2	2	2	2	1.7								6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	0								
Q5040 MK66 Rkt Mtr/Gen Dyn	09	N	77.9	0.0	77.9																																0								
Q5040 MK66 Rkt Mtr/Gen Dyn	10	N	91.5	0.0	91.5																															4.2	87.3								
Q5080 MK146 (M229) HE WARHEAD/NSWC	09	N	6.7	0.0	6.7						1	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5																0									
Q5080 MK146 (M229) HE WARHEAD/NSWC	10	N	3.7	0.0	3.7						A															0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.5									
Q5895 2.75" LAUNCHER (OCO)	10	N	0.6	0	0.6							A																								0.6									
Q5896 APKWS G&C SECTIONS/BAE SYSTEMS	10	N	0.3	0.0	0.3							A																				0.02	0.02	0.02	0.02	0.02	0.18								

Remarks:

CLASSIFICATION:
UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET							DATE: MAY 2009				
P-40											
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE				
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							015500, MACHINE GUN AMMUNITION				
BA1 - NAVY AMMUNITION											
Program Element for Code B Items:							Other Related Program Elements				
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010	FY2010 OCO	FY2010 Total				
Quantity											
Cost (\$M)	184.3	A	12.6	18.9	19.6	109.2	128.8				
Initial Spares (\$M)											
Total (\$M)	184.3	A	12.6	18.9	19.6	109.2	128.8				

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. 30MM rounds are procured in the linked configuration and are used in the MK44 Gun System in the KC-130J aircraft. All 20MM/25MM ammunition is procured by the Joint Munitions Command, Rock Island, Illinois. Inert rounds and 30MM rounds are procured through Naval Surface Warfare Center, Crane, Indiana.

FY 08 provided 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 linked HEI, and inert rounds.
FY 10 provides funding to procure 20MM linkless TP PGU-27, 20MM linkless TP-T, 20MM linked TP PGU-27, 20MM linked HEI, inert rounds, and 30MM linked TP and HEI.

FY 10 OCO: Over 6.58M rounds have been expended in support of Operation Iraqi freedom (OIF) and Operation Enduring Freedom (OEF). Funding is required to avoid shortfalls in inventory levels impacting future combat operations and training requirements. The 30MM gun system ammunition requirement is a new start in support of the USMC KC-130J ISR Weapon Mission Kit UUNS for Overseas Contingency Operations. If not funded, the ability to field the KC-130J ISR Weapon Mission Kit in a timely manner in support of the USMC UUNS will be severely and negatively impacted to support OEF.

Exhibit P-40, Budget Item Justification
(Exhibit P-40, page 1 of 1)
CLASSIFICATION:
UNCLASSIFIED

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System MACHINE GUN AMMUNITION									DATE: MAY 2009		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION				ID Code A		P-1 ITEM NOMENCLATURE/SUBHEAD 015500, MACHINE GUN AMMUNITION/J1Q4									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010			FY2010 OCO		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
Q4010	20MM LINKLESS, TP, PGU-27	A	53,813	250,523	5.74	1,438	765,487	6.12	4,685	462,581	12.56	5,810	3,184,713	12.56	40,000
Q4050	20MM LINKLESS, HEI	A	47,331	72,264	14.71	1,063									
Q4060	20MM LINKED, TP, PGU-27	A	16,014	312,813	9.60	3,003	613,367	9.80	6,011	193,286	20.25	3,914	1,382,716	20.25	28,000
Q4070	20MM LINKED, HEI	A	35,697	127,624	27.15	3,465	146,171	27.80	4,064	122,834	49.93	6,133	300,420	49.93	15,000
Q4080	20MM LINKLESS TP-T	A					34,317	14.57	500	20,292	24.64	500			
Q4090	25MM LINKLESS, TP	A													
Q4150	25MM LINKLESS, HEI	A		20,000	34.37	687	20,000	35.06	701	18,860	38.63	729	77,660	38.63	3,000
Q4200	INERT ROUND	A		6,061	16.50	100	5,888	16.98	100	5,714	17.50	100			
Q4210	30MM LINKED TP	A								38	26.78	1	135,742	26.78	3,635
Q4220	30MM LINKED HEI	A								7	134.93	1	145,000	134.93	19,565
Q4800	INTEGRATED LOGISTICS SUPPORT		3,425			548			538			692			
Q4830	PRODUCTION ENGINEERING SUPPORT		20,467			1,817			1,753			1,185			
Q4850	PRODUCT IMPROVEMENT PROGRAM		7,518			444			508			557			
Total			184,265			12,565			18,860			19,622			109,200

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System MACHINE GUN AMMUNITION		A. DATE MAY 2009			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION					C. P-1 ITEM NOMENCLATURE 015500, MACHINE GUN AMMUNITION				SUBHEAD J1Q4	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
(Q4010) 20MM LINKLESS, TP, PGU-27										
2007	1,124,738	5.74	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	9/08	7/09	YES	
2008	250,523	5.74	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	9/08	7/09	YES	
2009	765,487	6.12	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	4/09	4/10	YES	
2010	3,647,294	12.56	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	4/10	4/11	YES	
(Q4050) 20MM LINKLESS, HEI										
2006	717,462	23.51	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	4/07	4/08	YES	
2008	72,264	14.71	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	9/08	7/09	YES	
(Q4060) 20MM LINKED, TP, PGU-27										
2008	312,813	9.60	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	9/08	7/09	YES	
2009	613,367	9.80	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	4/09	4/10	YES	
2010	1,576,002	20.25	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	4/10	4/11	YES	
(Q4070) 20MM LINKED, HEI										
2008	127,624	27.15	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	9/08	7/09	YES	
2009	146,171	27.80	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	4/09	4/10	YES	
2010	423,254	49.93	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	4/10	4/11	YES	
(Q4080) 20MM LINKLESS, TP-T										
2009	34,317	14.57	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	4/09	4/10	YES	
2010	20,292	24.64	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	4/10	4/11	YES	
(Q4150) 25MM LINKLESS, HEI										
2008	20,000	34.37	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	9/08	7/09	YES	
2009	20,000	35.06	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	4/09	4/10	YES	
2010	96,520	38.63	JMC, ROCK ISLAND, IL	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	4/10	4/11	YES	
(Q4200) INERT ROUND										
2008	6,061	16.50	NSWC CRANE, IN	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	9/08	7/09	YES	
2009	5,888	16.98	NSWC CRANE, IN	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	4/09	4/10	YES	
2010	5,714	17.50	NSWC CRANE, IN	N/A	C-FFP	ATK(Lake City, MO) / GDOTS(Marion, IL)	4/10	4/11	YES	
(Q4210) 30MM LINKED TP										
2010	135,780	26.78	NSWC CRANE, IN	N/A	C-FFP	ATK(Lake City, MO)	4/10	4/11	YES	
(Q4220) 30MM LINKED HEI										
2010	145,007	134.93	NSWC CRANE, IN	N/A	C-FFP	ATK(Lake City, MO)	4/10	4/11	YES	
Remarks: FY08 Contract award has been pushed back to September 08 since PB09.										

BUDGET PRODUCTION SCHEDULE, P-21					DATE	MAY 2009																																					
APPROPRIATION/BUDGET ACTIVITY					Weapon System			P-1 ITEM NOMENCLATURE																																			
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION					MACHINE GUN AMMUNITION			015500, MACHINE GUN AMMUNITION																																			
		Production Rate			Procurement Leadtimes																																						
Item		Manufacturer's Name and Location			MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																														
(Q4010) 20MM, LINKLESS, TP, PGU-27		ATK(Lake City, MO) / GDOTS(Marion, IL)			0	600	1340	6	7		12	19	K																														
(Q4060) 20MM, LINKED, TP, PGU-27		ATK(Lake City, MO) / GDOTS(Marion, IL)			0	670	1360	6	7		12	19	K																														
(Q4070) 20MM, LINKED, HEI		ATK(Lake City, MO) / GDOTS(Marion, IL)			0	97	195	6	7		12	19	K																														
(Q4220) 30MM, LINKED, HEI		ATK(Lake City, MO)			0	480	1440	6	7		12	19	K																														
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008													B A L																							
							2007						2008																														
							CALENDAR YEAR 2008																																				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P													
(Q4010) 20MM, LINKLESS, TP, PGU-27		07	N	1124.7	0.0	1124.7																										93.8	93.8	93.8	843.3								
(Q4050) 20MM LINKLESS, HEI		06	N	717.5	0.0	717.5							59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.7								0.0										
(Q4060) 20MM, LINKED, TP, PGU-27		09	N	613.4	0.0	613.4																												613.4									
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010													B A L																							
							2009						2010																														
							CALENDAR YEAR 2010																																				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P													
(Q4010) 20MM, LINKLESS, TP, PGU-27		07	N	1124.7	281.4	843.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7																			0									
ATK(Lake City, MO) / GDOTS(Marion, IL)		10	N	3647.3	0.0	3647.3							A																				304	304	304	1823.3							
(Q4060) 20MM, LINKED, TP, PGU-27		09	N	613.4	0.0	613.4							51	51	51	51	51	51	51	51	51	51	51	52.4									0.0										
ATK(Lake City, MO) / GDOTS(Marion, IL)		10	N	1576.0	0.0	1576.0							A																				132	132	132	132	131	131	786.0				
(Q4070) 20MM, LINKED, HEI		10	N	423.3	0.0	423.3							A																						36	36	36	36	35	35	209.3		
(Q4220) 30MM, LINKED, HEI		10	N	145.0	0.0	145.0							A																								13	12	12	12	12	12	72.0
ATK(Lake City, MO)																																											

CLASSIFICATION:
UNCLASSIFIED

BUDGET PRODUCTION SCHEDULE, P-21						DATE						MAY 2009											
APPROPRIATION/BUDGET ACTIVITY						Weapon System						P-1 ITEM NOMENCLATURE											
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS						BA1-NAVY AMMUNITION						MACHINE GUN AMMUNITION						015500, MACHINE GUN AMMUNITION					
		Production Rate				Procurement Leadtimes																	
Item	Manufacturer's Name and Location					MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure									
(Q4010) 20MM, LINKLESS, TP, PGU-27	ATK(Lake City, MO) / GDOTS(Marion, IL)					0	600	1340	6	7		12	19	K									
(Q4060) 20MM, LINKED, TP, PGU-27	ATK(Lake City, MO) / GDOTS(Marion, IL)					0	670	1360	6	7		12	19	K									
(Q4070) 20MM, LINKED, HEI	ATK(Lake City, MO) / GDOTS(Marion, IL)					0	97	195	6	7		12	19	K									
(Q4220) 30MM, LINKED, HEI	ATK(Lake City, MO)					0	480	1440	6	7		12	19	K									

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2012												FISCAL YEAR 2013												B A L
						2011						CALENDAR YEAR 2012						2012						CALENDAR YEAR 2013						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
						(Q4010) 20MM, LINKLESS, TP, PGU-27																								
ATK(Lake City, MO) / GDOTS(Marion, IL)	10	N	3647.3	1824.0	1823.3	304	304	304	304	304	303.3																			
(Q4060) 20MM, LINKED, TP, PGU-27																												0.0		
ATK(Lake City, MO) / GDOTS(Marion, IL)	10	N	1576.0	790.0	786.0	131	131	131	131	131	131.0																			
(Q4070) 20MM, LINKED, HEI																												0.0		
ATK(Lake City, MO) / GDOTS(Marion, IL)	10	N	423.3	214.0	209.3	35	35	35	35	35	34.3																			
(Q4220) 30MM, LINKED, HEI																												0.0		
ATK(Lake City, MO)	10	N	145.0	73.0	72.0	12	12	12	12	12	12																			

BUDGET ITEM JUSTIFICATION SHEET							DATE:				
P-40							May 2009				
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE					
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1						016000, PRACTICE BOMBS					
NAVY AMMUNITION											
Program Element for Code B Items:						Other Related Program Elements					
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010	FY 2010 OCO	FY 2010 Total				
Quantity											
Cost (\$M)	\$551.4	A	\$36.1	\$39.3	\$33.8	\$0.0	\$33.8				

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 cartridge, which provides a smoke signal cartridge or flash upon impact. The MK 82 Inert is a full-sized Practice Bomb. It is a MK 80 series bomb body filled with an inert material and has the same weight, size, center of gravity and ballistics of a live bomb. These items are procured by the Army Joint Munitions Command (JMC) the Single Manager for Conventional Ammunition.

The Enhanced Laser Guided Training Round (ELGTR) 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 ELGTR is capable of replicating the kinematics of LGBs to provide increased training capability and follow-on advanced tactics development and is suitable for launch from all Navy and Marine Corps aircraft used to deploy LGBs. ELGTR provides actual hardware for aircrew and tactics development at a greatly reduced cost while maintaining LGB stockpiles.

The Production Engineering Support, Integrated Logistics Support and Product Improvement Program are continuing annualized efforts associated with ongoing procurements of the Practice Bombs associated Signal Cartridge, BDU-45/B, MK 76, ELGTR, fins and other practice weapons. These efforts include: maintenance of Procurement Data Packages; participation in post-award conference; first article and quality assurance testing; contract production engineering support; 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 FY08 provides funding to procure MK 76, MK 82 Inert, Enhanced Laser Guided Training Rounds and associated support. The FY09 provides funding to procure MK 76, MK 82 Inert, Enhanced Laser Guided Training Rounds and associated support. The FY10 provides funding to procure MK 76, MK 82 Inert, Enhanced Laser Guided Training Rounds and associated support.

Exhibit P-5 Cost Analysis										Weapon System			DATE:		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA1 - NAVY AMMUNITION										P-1 ITEM NOMENCLATURE 016000, PRACTICE BOMBS					
Cost Code	Element of Cost	ID Code	Total Cost Dollars in Thousands												
			Prior Years	FY 2008			FY 2009			FY 2010			FY 2010 OCO		
			Total Cost	Quantity	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost	QTY	Unit Cost	Total Cost
Q1062	MISCELLANEOUS ITEMS	A				75			1,847			1,384			
	<u>PROCUREMENTS</u>														
Q1010	MK 76	A	162,419	38.90	6,318	161,565	37.69	6,089	105,443	38.03	4,010				
Q1040	MK 82 INERT	A	5,189	1,352.49	7,018	2,306	1,557.10	3,591	1,061	1,597.87	1,695				
Q1300	ENHANCED LASER GUIDED TRAINING ROUND	A	10,170	1,737.95	18,149	12,655	1,733.00	21,931	7,217	3,045.00	21,976				
	<u>PROCUREMENT SUPPORT AND OTHER</u>														
Q1800	INTEGRATED LOGISTICS SUPPORT (ILS)				79			100			100				
Q1830	PRODUCTION ENGR SUPPORT (PES)-NAVY				3,932			5,195			4,038				
Q1850	PRODUCT IMPROVEMENT PROGRAM (PIP)				350			350			350				
Q1894	GAUGING				172			200			250				
	Total		551,364		36,093			39,303			33,803				0

Note: Total cost include the cost of wooden containers.

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System				A. DATE May 2009	
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA1 - NAVY AMMUNITION					C. P-1 ITEM NOMENCLATURE 016000, PRACTICE BOMBS					SUBHEAD 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
<u>PROCUREMENTS</u>										
MK 76										
2008	162,419	38.90	JMC ROCK ISLAND, IL	Nov 07	C/FP-Option	DEL FASCO INC, AFTON, TN	Feb 08	Mar 09	YES	
2009	161,565	37.69	JMC, ROCK ISLAND, IL	Nov 08	C/FP-Option	DEL FASCO INC, AFTON, TN	Mar 09	Mar 10	YES	
2010	105,443	38.03	JMC, ROCK ISLAND, IL	Nov 09	C-FP	TBD	Mar 10	Mar 11	YES	
MK 82 INERT										
2006	15,552	1,268.81	JMC, ROCK ISLAND, IL	Nov 05	SS-FP	GENERAL DYNAMICS, GARLAND, TX	Feb 06	Jul 08	YES	
2007	4,350	1,359.77	JMC, ROCK ISLAND, IL	Nov 06	SS-FP	GENERAL DYNAMICS, GARLAND, TX	Feb 07	Nov 08	YES	
2008	5,189	1,352.49	JMC, ROCK ISLAND, IL	Nov 07	SS-FP	GENERAL DYNAMICS, GARLAND, TX	Feb 08	Jan 09	YES	
2009	2,306	1,557.10	JMC, ROCK ISLAND, IL	Nov 08	SS-FP	GENERAL DYNAMICS, GARLAND, TX	Feb 09	Jan 10	YES	
2010	1,061	1,597.87	JMC, ROCK ISLAND, IL	Nov 09	SS-FP	GENERAL DYNAMICS, GARLAND, TX	Feb 10	Jan 11	YES	
ENHANCED LASER GUIDED TRAINING ROUND										
2006	10,360	2,262.81	NAVAIR	Aug 04	C/FP-Option	LOCKHEED MARTIN CORPORATION, ARCHBALD, PA	Aug 06	Nov 07	YES	
2007	10,319	2,319.38	NAVAIR	Aug 04	C/FP-Option	LOCKHEED MARTIN CORPORATION, ARCHBALD, PA	Apr 07	Nov 08	YES	
2008	10,170	1,737.95	NAVAIR	Aug 04	C/FP-Option	LOCKHEED MARTIN CORPORATION, ARCHBALD, PA	May 08	Nov 09	YES	
2009	12,655	1,733.00	NAVAIR	Aug 04	C/FP-Option	LOCKHEED MARTIN CORPORATION, ARCHBALD, PA	Mar 09	Nov 10	YES	
2010	7,217	3,045.00	NAVAIR	Aug 08	C-FP	TBD	Mar 10	Nov 11	YES	

PRODUCTION SCHEDULE, P-21 APPROPRIATION/BUDGET ACTIVITY										Weapon System										P-1 Nomenclature										May 2009									
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION																				016000, PRACTICE BOMBS																			
Item		Manufacturer's Name and Location				Production Rate			Procurement Leadtimes							Total		Unit of Measure																					
		MSR	1-8-5	MAX		ALT Prior to Oct 1		ALT After Oct 1		Initial Mfg PLT			Reorder Mfg PLT																										
MK 76		DELFASCO, AFTON, TN				240,000	480,000	1,440,000		6		12			18		E																						
MK 82 INERT		GENERAL DYNAMICS (TX)				9,000	46,452	139,356		5		11			16		E																						
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008										FISCAL YEAR 2009										B A L												
							CALENDAR YEAR 2008										CALENDAR YEAR 2009																						
		O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P														
MK 76																																							
DEL FASCO		08	N	162,419	0	162,419														32,483	32,483	32,483	32,483	32,487			0												
DEL FASCO		09	N	161,565	0	161,565														A							161,565												
MK82																																							
GENERAL DYNAMICS		06	N	15,552	4534	11,018								3,585	1,100	2,551	3,782										0												
GENERAL DYNAMICS		07	N	4,350	0	4,350											4,350										0												
GENERAL DYNAMICS		08	N	5,189	0	5,189																			5,189		0												
GENERAL DYNAMICS		09	N	2,306	0	2,306														A							2,306												
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010										FISCAL YEAR 2011										B A L												
							CALENDAR YEAR 2010										CALENDAR YEAR 2011																						
		O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P														
MK 76																																							
DEL FASCO		09	N	161,565	0	161,565					32,313	32,313	32,313	32,313	32,313												0												
TBD		10	N	105,443	0	105,443														21,089	21,089	21,089	21,089	21,087			0												
MK82																																							
GENERAL DYNAMICS		09	N	2,306	0	2,306				2,306																	0												
GENERAL DYNAMICS		10	N	1,061	0	1,061											1,061										0												
Remarks: *MONTHLY DELIVERIES VARY DEPENDING ON JOINT SERVICE REQUIREMENTS. FOR ALL ITEMS BUT THE LGTR, THE MINIMUM SUSTAINING RATE REPRESENTS THE RATE FOR JOINT SERVICE PROCUREMENTS.																																							

PRODUCTION SCHEDULE, P-21										May 2009																					
APPROPRIATION/BUDGET ACTIVITY										Weapon System					P-1 Nomenclature																
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION															016000, PRACTICE BOMBS																
		Production Rate			Procurement Leadtimes																										
Item	Manufacturer's Name and Location		MSR	1-8-5	MAX	ALT Prior to Oct 1		ALT After Oct 1		Initial Mfg PLT		Reorder Mfg PLT		Total	Unit of Measure																
Enhanced LGTR	LOCKHEED-MARTIN, ARCHBALD, PA		3,000	12,000	24,000			6		8		20		26	E																
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008										FISCAL YEAR 2009															
						2007					CALENDAR YEAR 2008										CALENDAR YEAR 2009										B A L
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
Laser Guided Training Round																															
Lockheed Martin	06	N	10,360	0	10,360		863	863	863	863	863	863	863	863	863	863	863	863	863	863	863	863	863	863	863	863	863	863	863	0	
Lockheed Martin	07	N	10,319	0	10,319												860	860	860	860	860	860	860	860	860	860	860	860	859		
Lockheed Martin	08	N	10,170	0	10,170																							10,170			
Lockheed Martin	09	N	12,655	0	12,655																							12,655			
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010										FISCAL YEAR 2011															
						2009					CALENDAR YEAR 2010										CALENDAR YEAR 2011										B A L
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
Laser Guided Training Round																															
Lockheed Martin	07	N	10,319	9460	859	859																						0			
Lockheed Martin	08	N	10,170	0	10,170		847	847	847	847	847	847	847	847	847	847	853											0			
Lockheed Martin	09	N	12,655	0	12,655												1,055	1,055	1,055	1,055	1,055	1,055	1,055	1,055	1,055	1,055	1,055	1,050			
TBD	10	N	7,217	0	7,217																						7,217				

Remarks: MONTHLY DELIVERIES VARY DEPENDING ON JOINT SERVICE REQUIREMENTS.
 FOR ALL ITEMS BUT THE LGTR, THE MINIMUM SUSTAINING RATE REPRESENTS THE RATE FOR JOINT SERVICE PROCUREMENTS.

PRODUCTION SCHEDULE, P-21											May 2009																					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION											Weapon System						P-1 Item Nomenclature 016000, PRACTICE BOMBS															
		Manufacturer's Name and Location					Production Rate			Procurement Leadtimes								Unit of Measure														
Item		LOCKHEED-MARTIN, ARCHBALD, PA					MSR	1-8-5	MAX	ALT Prior to Oct 1			ALT After Oct 1			Initial Mfg PLT	Reorder Mfg PLT	Total														
Enhanced Laser Guided Training Rounds		LOCKHEED-MARTIN, ARCHBALD, PA					3,000	12,000	24,000				6			8	20	26	E													
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2012												FISCAL YEAR 2013												B A L	
							2011			CALENDAR YEAR 2012									CALENDAR YEAR 2013													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
Enhanced Laser Guided Training Rounds LOCKHEED-MARTIN		09	N	12,655	11,605	1,050	1,050																									0
TBD		10	N	7,217	0	7,217		601	601	601	601	601	601	601	601	601	601	601	606													0
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2014												FISCAL YEAR 2015												B A L	
							2013			CALENDAR YEAR 2014									CALENDAR YEAR 2015													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		

Remarks: FOR ALL ITEMS BUT THE LGTR, THE MINIMUM SUSTAINING RATE REPRESENTS THE RATE FOR JOINT SERVICE PROCUREMENTS.

BUDGET ITEM JUSTIFICATION SHEET							DATE:				
P-40							May 2009				
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE				
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS\BA 1 NAVY AMMUNITION							018000, CARTRIDGE ACTUATED DEVICES/PROPELLANT ACTUATED DEVICES (CAD/PAD)				
Program Element for Code B Items:							Other Related Program Elements				
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010	FY 2010 OCO	FY 2010 Total				
QUANTITY											
COST (In Millions)	324.3	A	\$44.0	\$46.5	\$50.6	\$0.0	\$50.6				
<p>Stores Release Stores Release cartridges are utilized to release weapons and other stores from aircraft. The JAU-22/B impulse cartridge is utilized to eject sonobouys, the CCU-107 to release "light" weapons/stores from aircraft, and the CCU-45 (MD65) to release "heavy" weapons/stores. 10 additional distinct stores release CADs, with yearly procurements typically less than \$500K, are procured under the misc devices budget line.</p> <p>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-18F(109), T-6A (65), EA-6B(45), T-45(76), T/AV-8(90), MV-22 (63) 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 age at the same rate whether the aircraft is operating in a war time or peace time environment, and thus the requirement is calendar driven. Life support devices such as the Sea Water Activated Release System, FLU-12/P Deck Crew Life Vest Inflator and the FLU-8B/P automatic life vest inflator are essential to crew survival after ejection or being thrown overboard. The budget request provides specific funding for the procurement of Thermal Battery (CWDR), MK 122 Parachute Deployment Rocket Motor (PDRM), MK 123/124 Underseat Rocket Motors (USRM), FLU-8/9/12 Inflators, JAU-74/B initiator/CCU-146/A Cartridge, F-18 DIFRS, Naval Aircrew Common Ejection Seat (NACES), F-18E/F/G and MV-22 fire suppression gas generators, and various T-6A (JPATS) CAD/PADS. The remaining 621 distinct safety CAD/PADS, with yearly procurements typically less than \$500K, are procured under the misc devices budget line.</p> <p>Integrated Logistics Support: Integrated Logistics Support (ILS) efforts will provide ILS planning, maintenance standardization, supply support, other technical ILS production efforts.</p> <p>Reliability Life: Insures 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.</p> <p>Production Engineering Support: Production Engineering Support (PES) efforts include the development/review of procurement requests, monitoring of the production, disposition of waivers and deviations, and technical support for First Article Testing/Lot Acceptance Testing.</p> <p>Quality Assurance: Provides quality assurance of the product as the lot is being accepted for service use.</p> <p>Product Improvement Programs : Product Improvement Programs (PIP) are conducted as part of a continuing effort to correct deficiencies in areas of safety, reliability, maintainability, producibility, and to increase the service life of CAD/PADS.</p> <p>Acceptance Testing: Destructive and non-destructive testing of the production lot or qualification samples to insure product acceptability for service use.</p> <p>FY08 provides funding for JAU-22B initiator cartridge, Thermal Battery (CWDR), MK 122 Parachute Deploy Rocket Motor, MK 123/124 Underseat Rocket Motor, JAU-74 initiator/CCU-146 cartridge, NACES CADs, other Miscellaneous CADs Under \$500k and associated support.</p> <p>FY09 provides funding for CCU-107 Impulse cartridge, Thermal Battery (CWDR), MK 122 Parachute Deploy Rocket Motor, MK 124 Underseat Rocket Motor, FLU-8/9/12 Inflators, JAU-74 initiator/CCU-146 cartridge, F-18 DIFRS, NACES CADs, F-18E/F/G & V-22 Fire Suppression Gas Generators, T-6A (JPATS) CADs/PADS, other Miscellaneous CADs Under \$500k and associated support.</p> <p>FY10 provides funding for JAU-22B initiator cartridge, CCU-107 Impulse cartridge, CCU-45 Impulse cartridge, Thermal Battery (CWDR), MK 122 Parachute Deploy Rocket Motor, MK 123/124 Underseat Rocket Motor, FLU-8/9/12 Inflators, JAU-74 initiator/CCU-146 cartridge, F-18 DIFRS, NACES CADs, F-18E/F/G & V-22 Fire Suppression Gas Generators, T-6A (JPATS) CADs/PADS, other Miscellaneous CADs Under \$500k and associated support.</p> <p>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).</p>											

AMMUNITION PROCUREMENT COST ANALYSIS P-5						Weapon System CAD/PAD			DATE: MAY 2009						
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1NAVY AMMUNITION						ID Code A			P-1 ITEM NOMENCLATURE/SUBHEAD 018000,CARTRIDGE ACTUATED DEVICES/PROPELLANT ACTUATED DEVICES						
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010			FY 2010 OCO		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total
	<u>STORES RELEASE</u>														
Q8090	JAU-22/B INITIATOR CTG (MF64)	A		150,000	15.99	2,399					75,000	22.39	1,679		
Q8200	CCU-107 IMPULSE CTG (MT95/JM92)	A					70,000	12.40	868		180,000	10.38	1,868		
Q8201	CCU-45 Impulse CTG (MD65)	A									75,000	16.72	1,254		
	<u>SAFETY</u>														
Q8060	THERMAL BATTERY (CWDR)	A		251	4,462.27	1,120	186	3,662.06	681	269	4,758.36	1,280			
Q8070	MK 122 PARACHUTE DEPLOY RCKT MTR (MT29) (1)	A		296	4,232.06	1,253	885		2,773	732		2,705			
Q8071	MK 123 UNDERSEAT ROCKET MOTOR (MT30)	A		49	9,107.00	446				15	12,666.67	190			
Q8081	MK 124 UNDERSEAT ROCKET MOTOR (MT31)	A		107	9,107.00	974	103	8,799.97	906	64	12,546.88	803			
Q8140	FLU-8/9/12 INFLATORS (FW98/BY81/JL09)	A							2,128			2,150			
Q8160	JAU-74 INIT/CCU-146 CTG (WB15/16)	A				1,907			1,961			2,617			
Q8180	F-18 DIFRS (SR95/WB19)	A							801			1,055			
Q8300	NAVY AIRCREW COMMON EJECTION SEAT (NACES)	A				1,369			965			1,130			
Q8301	F-18E/F/G & V-22 FIRE SUPPRESSION GAS GENERATORS	A							1,932			1,661			
Q8302	T-6A (JPATS) CAD/PADs	A							4,799			4,461			
Q8600	MISC DEVICES UNDER \$500K (2)	A				21,264			14,988			13,632			
Q8800	INTEGRATED LOGISTICS SUPPORT (ILS)	A				1,164			1,197			1,233			
Q8820	RELIABILITY LIFE	A				758			791			815			
Q8830	PRODUCTION ENGINEERING					4,560			4,709			4,850			
Q8840	QUALITY ASSURANCE					614			662			682			
Q8850	PRODUCT IMPROVEMENT PROGRAM (PIP)					2,718			2,862			2,948			
Q8860	ACCEPTANCE TESTING					3,410			3,483			3,587			
	Total Weapons System			324,324		43,956			46,506			50,600			
	Total Program Cost			324,324		43,956			46,506			50,600			0

NOTE: (1) Requirement split between 2 vendors and organic industrial base. See P5A for unit cost for FY09 and FY10.
 NOTE: (2) Miscellaneous Devices encompasses the remaining 631 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.

PROCUREMENT HISTORY AND PLANNING					Weapon System CAD/PAD		A. DATE MAY 2009				
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/ BA 1 NAVY AMMUNITION					C. P-1 ITEM NOMENCLATURE 018000, CARTRIDGE ACTUATED DEVICES/PROPELLANT ACTUATED DEVICES			SUBHEAD J1Q8			
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW ?	DATE REVISIONS AVAILABLE	
<u>STORES RELEASE</u>											
JAU-22/B INITIATOR CTG (MF64)											
2008	150,000	15.99	NAVICP	Oct-07	C-FP	BULOVA TECHNOLOGIES LLC LANCASTER, PA	Nov-07	Dec-08	Yes		
2010	75,000	22.39	NAVICP	Oct-09	C-FP	TBD	Apr-10	Apr-11	Yes		
<u>CCU-107 IMPULSE CTG (MT95)</u>											
2009	70,000	12.40	NAVICP	Oct-08	C-FP	TBD	Aug-09	Apr-10	Yes		
2010	180,000	10.38	NAVICP	Oct-09	C-FP	TBD	Apr-10	Apr-11	Yes		
<u>CCU-45 IMPULSE CTG MD65</u>											
2010	75,000	16.72	NAVICP	Oct-09	C-FP	TBD	Apr-10	Apr-11	Yes		
<u>SAFETY</u>											
<u>THERMAL BATTERY (CWDR)</u>											
2008	251	4,462.27	NAVAIR	Oct-07	SS-FP	MARTIN-BAKER A/CRT C MIDDLESEX GB	May-08	Feb-09	Yes		
2009	186	3,662.06	NAVAIR	Oct-08	C-FP	MARTIN-BAKER A/CRT C MIDDLESEX GB	Jan-09	Apr-10	Yes		
2010	269	4,758.36	NAVAIR	Oct-09	C-FP	TBD	Apr-10	Apr-11	Yes		

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System CAD/PAD		A. DATE MAY 2009			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE 018000, CARTRIDGE ACTUATED DEVICES/PROPELLANT ACTUATED DEVICES				SUBHEAD J1Q8	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
MK 122 PARACHUTE DEPLOY RCKT MTR (MT29)										
2008	296	4,232.06	NAVICP	Oct-07	C-FP	MARTIN-BAKER A/CRT C MIDDLESEX GB	Mar-08	Apr-09	Yes	
2009	585	3,821.61	NAVICP	Oct-08	C-FP	MARTIN-BAKER A/CRT C MIDDLESEX GB	Jan-09	Apr-10	Yes	
	300	1,790.00	SEE NOTE 1			NSWC INDIAN HEAD DIV INDIAN HEAD, MD	n/a	Oct-09	Yes	
2010	281	4,855.90	NAVICP	Oct-09	C-FP	TBD	Apr-10	Apr-11	Yes	
	151	5,227.80	NAVICP	Oct-09	C-FP	TBD	Apr-10	Apr-11	Yes	
	300	1,826.00	SEE NOTE 1			NSWC INDIAN HEAD DIV INDIAN HEAD, MD		Oct-10		
MK 123 UNDERSEAT ROCKET MOTOR (MT30)										
2008	49	9,107.00	NAVICP	Oct-07	C-FP	MARTIN-BAKER A/CRT C MIDDLESEX GB	Aug-08	Apr-09	Yes	
2010	15	12,666.67	NAVICP	Oct-09	C-FP	TBD	Apr-10	Apr-11	Yes	
MK 124 UNDERSEAT ROCKET MOTOR (MT31)										
2008	107	9,107.00	NAVICP	Oct-07	C-FP	MARTIN-BAKER A/CRT C MIDDLESEX GB	Aug-08	Apr-09	Yes	
2009	103	8,799.97	NAVICP	Oct-08	C-FP	MARTIN-BAKER A/CRT C MIDDLESEX GB	Jan-09	Apr-10	Yes	
2010	64	12,546.88	NAVICP	Oct-09	C-FP	TBD	Apr-10	Apr-11	Yes	
D. REMARKS In FY09 and FY10, the MK 122 Parachute Deployment Rocket Motor requirements will be executed as a split award. Approximately 2/3rds of the overall requirement will be executed, along with the F-18E/F/G aircraft production line and FMS requirements, as a 65/35 split between the two qualified commercial sources. The other 300 units will be produced by the organic manufacturing facility located at the NSWC Indian Head Div., Indian Head, MD. The difference in the unit price between the commercial and organic facility is that the propellant and hardware for the organic effort will have already been procured under other funds (misc devices funding line).										

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: May 2009				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION								P-1 ITEM NOMENCLATURE 018200 AIR EXPENDABLE COUNTERMEASURES				
Program Element for Code B Items: RDT&E 0604270N								Other Related Program Elements				
	Prior Years	ID Code	FY 2008	FY 2009	FY 2010	FY 2010 OCO	FY 2010 TOTAL	FY 2013	FY 2014	FY 2015	To Complete	Total
Quantity												
Cost (\$M)	479.1		90.7	95.8	79.1	5.5	84.6					
Initial Spares (\$M)												
Total (\$M)	479.1		90.7	95.8	79.1	5.5	84.6					
Unit Cost (\$M)												

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) Infra-Red (IR) decoys, (d) associated impulse cartridges, and (e) support costs.

Chaff Countermeasures: Procurement of RR-144A training rounds is 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 ALE-55 Fiber Optic Towed Decoy (FOTD) which is currently in Developmental/Operational Test (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 Low-Rate Initial Production (LRIP) contract award. AAED and FOTD were developed utilizing RDTE, N, PE 0604270N, Project Unit 2175. The GEN-X active Radio Frequency (RF) decoy is dispensed from the ALE-47 system and protects all Navy and Marine Corps fixed wing aircraft from modern surface-to-air and air-to-air threats.

IR Decoys: The MJU-49 is currently used by all aircraft except the KC130J/T. The SM875 is a dedicated, low cost-training device. The transition of the manufacture of MJU-55 from government to private industry has occurred and scheduled for FAT in 4th quarter 09. The MJU57 provides a kinematic Infra-Red Countermeasure (IRCM). Procurement of advanced spectral countermeasures (M216) will begin in FY 2010 if successful will be transitioned to MJU-67. Procurement of 1X1X8" M216 in support of KC-130J/T and UC-35D will begin in FY 2010. Product Improvement line will qualify the M216, fund acquisition of test assets, Operational Assessment and stand-up of initial production capability of the spectral countermeasures at Crane Army Ammunition Activity. Procurement of MJU-32/38 will continue in support of OIF/OEF and is used by all DoN aircraft.

Impulse Cartridges: Used to propel the self-protection devices away from the aircraft. The Hazards of Electromagnetic Radiation to Ordnance (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.

Prior year increase reflects procurement of MJU-32 and MJU-38 previously omitted from PB 2009 Budget.; prior year no longer includes costs for MJU-61 and RR-129 because new procurements are not planned.

		FY08	FY09
	Quantity	\$ in Thousands	\$ in Thousands
FY2008 Request			
Baseline Budget	N/A	78,015	79,570
Supplemental Request	N/A	12,730	16,200
Total Request	N/A	90,745	95,770

WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: May 2009				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD 018200 AIR EXPENDABLE COUNTERMEASURES/Y1QA									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 2008			FY 2009			FY 2010			FY 2010 OCO			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
	<u>ACTIVE JAMMERS</u>															
	ALE-50 (AAED) (FY08 SUPPLEMENTAL)	A	47,990	249	24,518.00	6,105										
	ALE-55 (FOTD)	B	6,937	150	88,676.00	13,301	251	59,786.00	15,006	401	58,000.00	23,258				
	<u>IR DECOYS</u>															
	MJU-32 DECOY DEVICE	A	18,809				147,394	31.05	4,577	30,000	48.42	1,453	13,180	48.42	638	
	MJU-38 DECOY DEVICE	A	15,768	33,681	29.69	1,000	111,526	30.28	3,377	30,000	48.42	1,453	13,180	48.42	638	
	MJU-49/B DECOY DEVICE	A	113,140	140,054	114.32	16,011	240,000	118.84	28,522	60,000	119.29	7,157				
	MJU-49/B DECOY DEVICE (FY08 SUPPLEMENTAL)	A		57,976	114.27	6,625										
	MJU-55 COMPANION	A	15,672	36,450	121.63	4,433	55,000	123.95	6,817	50,000	197.44	9,872	20,000	197.44	3,949	
	MJU-57 KINEMATIC	A	27,280	40,000	197.08	7,883	45,000	173.40	7,803	40,000	176.87	7,075				
	M216 KJ	A								44,000	191.76	8,437				
	SM875B	A	9,571	200,000	24.72	4,944	116,940	25.21	2,948	81,835	25.71	2,104				
	<u>IMPULSE CARTRIDGES</u>															
	CCU-136A/A (HERO SAFE)	A	23,861	1,023,970	3.69	3,778	508,200	4.48	2,275	350,000	3.45	1,208	80,000	3.45	276	
	CCU-145A	A					90,000	9.98	898	226,400	10.18	2,305				
	<u>CHAFF COUNTERMEASURES</u>															
	RR-144A TRAINING CHAFF	A	6,578	69,487	11.75	816	203,918	12.25	2,498	86,400	12.50	1,080				
	RR-170A CHAFF 1X1	A	214	43,896	2.79	122										
	RR-188	A					20,000	3.00	60	20,000	3.06	61				
	<u>SUPPORT COSTS</u>															
	ILS		7,175			2,485			1,059			806				
	PRODUCTION ENGINEERING SUPPORT		48,148			11,335			7,500			4,595				
	PRODUCT IMPROVEMENT PROGRAM		59,854			5,548			6,336			4,453				
	ACCEPTANCE TEST & EVALUATION		78,137			6,359			6,094			3,785				
			479,134			90,745			95,770			79,102			5,501	

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					018200, AIR EXPENDABLE COUNTERMEASURES				Y1QA		
BA1 - NAVY AMMUNITION											
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE	
<u>ACTIVE JAMMERS</u>											
ALE-50 (AAED)											
FY 2007	335	23.82	WARNER ROBINS AFB, GEORGIA	Feb-06	SS-FP	RAYTHEON COMPANY, GOLETA, CA	Jul-07	Oct-08	YES		
FY 2008	249	24.52	WARNER ROBINS AFB, GEORGIA	Jan-07	SS-FP	RAYTHEON COMPANY, GOLETA, CA	Sep-08	Oct-09	YES		
ALE-55 (FOTD)											
FY 2008	150	88.68	NAVAIR	Jan-08	SS-FP	BAE SYSTEMS NASHUA, NH	Jun-08	Dec-09	YES		
FY 2009	251	59.79	NAVAIR	Jan-08	SS-FP	BAE SYSTEMS NASHUA, NH	Apr-09	Jul-10	YES		
FY 2010	401	58.00	NAVAIR	Sep-09	SS-FP	BAE SYSTEMS NASHUA, NH	Mar-10	Apr-11	YES		
<u>IR DECOYS</u>											
MJU-32 DECOY DEVICE											
FY 2009	147,394	0.0	NAVICP	Oct-08	C-FP	KILGORE FLARES LLC, TOONE, TN	Apr-09	Oct-09	YES		
FY 2010	43,180	0.0	NAVICP	Oct-09	C-FP	KILGORE FLARES LLC, TOONE, TN	Jan-10	Jun-10	YES		
D. REMARKS											

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION					018200, AIR EXPENDABLE COUNTERMEASURES				Y1QA		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE	
MJU-38 DECOY DEVICE											
FY 2008	33,681	0.03	NAVICP	Aug-08	C-FP	ARMTEC DEFENSE INC, COACHELLA, CA	Apr-09	Oct-09	YES		
FY 2009	111,526	0.03	NAVICP	Oct-08	C-FP	ARMTEC DEFENSE INC, COACHELLA, CA	Apr-09	Nov-09	YES		
FY 2010	43,180	0.05	NAVICP	Oct-09	C-FP	ARMTEC DEFENSE INC, COACHELLA, CA	Jan-10	Jun-10	YES		
MJU-49/B DECOY DEVICE											
FY 2006	261,956	0.12	NAVICP	Oct-05	SS-FP	ALLOY SURFACES, INC., ASTON, PA	Dec-05	Mar-06	YES		
FY 2007	239,296	0.11	NAVICP	Oct-06	SS-FP	ALLOY SURFACES, INC., ASTON, PA	Feb-07	Jun-07	YES		
FY 2008	140,054	0.11	NAVICP	Oct-07	SS-FP	ALLOY SURFACES, INC., ASTON, PA	Dec-07	Nov-08	YES		
(SUPP) FY 2008	57,976	0.11	NAVICP	Jun-08	SS-FP	ALLOY SURFACES, INC., ASTON, PA	Jun-08	Jul-09	YES		
FY 2009	240,000	0.12	NAVICP	May-08	SS-FP	ALLOY SURFACES, INC., ASTON, PA	Jul-09	Mar-10	YES		
FY 2010	60,000	0.12	NAVICP	May-08	SS-FP	ALLOY SURFACES, INC., ASTON, PA	Feb-10	Apr-11	YES		
MJU-55 COMPANION											
FY 2006	32,640	0.15	CAAA	Aug-05	MIPR	CRANE ARMY AMMUNITION ACTIVITY, IN (CAAA)	Feb-06	Oct-07	YES		
FY 2007	14,400	0.15	CAAA	Dec-06	MIPR	CRANE ARMY AMMUNITION ACTIVITY, IN (CAAA)	Mar-07	Oct-08	YES		
FY 2007	21,137	0.28	NAVICP	Dec-06	C-FP	KILGORE FLARES LLC, TOONE, TN	Mar-07	Jul-08	YES		
(SUPP) FY 2007	17,280	0.15	CAAA	Jun-07	MIPR	CRANE ARMY AMMUNITION ACTIVITY, IN (CAAA)	Jun-07	Dec-08	YES		
FY 2008	36,450	0.12	CAAA	Dec-07	MIPR	CRANE ARMY AMMUNITION ACTIVITY, IN (CAAA)	Mar-08	Aug-08	YES		
FY 2009	55,000	0.20	NAVICP	Dec-08	C-FP	TBD	Jul-09	Dec-09	YES		
FY 2010	70,000	0.15	NAVICP	Dec-09	C-FP	TBD	Mar-10	Sep-10	YES		
D. REMARKS											

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD		
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					018200, AIR EXPENDABLE COUNTERMEASURES				Y1QA		
BA1 - NAVY AMMUNITION											
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE	
MJU-57 KINEMATIC											
FY 2006	11,520	0.58	CAAA	Jan-06	MIPR	CRANE ARMY AMMUNITION ACTIVITY, IN (CAAA)	Feb-06	May-09	YES		
FY 2007	27,750	0.28	CAAA	Oct-06	MIPR	CRANE ARMY AMMUNITION ACTIVITY, IN (CAAA)	Nov-06	Oct-09	YES		
(SUPP) FY 2007	19,049	0.28	CAAA	May-07	MIPR	CRANE ARMY AMMUNITION ACTIVITY, IN (CAAA)	Jun-07	Jul-10	YES		
FY 2008	40,000	0.20	CAAA	Jan-08	MIPR	CRANE ARMY AMMUNITION ACTIVITY, IN (CAAA)	Apr-08	Jun-09	YES		
FY 2009	45,000	0.17	NAVICP	Oct-08	C-FP	CRANE ARMY AMMUNITION ACTIVITY, IN (CAAA)	Dec-08	Dec-09	YES		
FY 2010	40,000	0.18	NAVICP	Dec-09	C-FP	CRANE ARMY AMMUNITION ACTIVITY, IN (CAAA)	Mar-10	Sep-10	YES		
MJU-61											
FY 2007	10,000	0.07	CAAA	Jan-07	MIPR	CRANE ARMY AMMUNITION ACTIVITY, IN	Feb-07	Jul-07	YES		
M216											
FY 2010	44,000	0.19	NAVICP	Jan-10	C-FP	TBD	Mar-10	Nov-10	NO	Sep-09	
D. REMARKS											

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					018200, AIR EXPENDABLE COUNTERMEASURES					Y1QA	
BA1 - NAVY AMMUNITION											
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE	
SM-875B											
FY 2007	249,160	0.01	NAVICP	Jan-07	C-FP	KILGORE FLARES LLC, TOONE, TN	Mar-07	Nov-07	YES		
FY 2008	200,000	0.02	NAVICP	Jan-08	C-FP	ARMTEC DEFENSE INC, COACHELLA, CA	Mar-08	Nov-08	YES		
FY 2009	116,940	0.03	NAVICP	Jan-09	C-FP	ARMTEC DEFENSE INC, COACHELLA, CA	Feb-09	Jan-10	YES		
FY 2010	81,835	0.03	NAVICP	Jan-10	C-FP	TBD	May-10	Nov-10	YES		
<u>IMPULSE</u> <u>CARTRIDGES</u>											
CCU-136A/A (HERO SAFE)											
FY 2007	83,767	0.004	NAVICP	Dec-06	C-FP	CAPCO, INC GRAND JUNCTION, CO	Aug-07	Sep-07	YES		
FY 2008	1,023,970	0.004	NAVICP	Dec-07	C-FP	CAPCO, INC GRAND JUNCTION, CO	Jul-08	Oct-08	YES		
FY 2009	508,200	0.004	NAVICP	Dec-08	C-FP	TBD	May-09	Sep-09	YES		
FY 2010	430,000	0.003	NAVICP	Dec-09	C-FP	TBD	May-10	Sep-10	YES		
D. REMARKS											

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE		
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS					018200, AIR EXPENDABLE COUNTERMEASURES				Y1QA	
BA1 - NAVY AMMUNITION										
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
CCU-145A										
FY 2004	60,000	0.01	NAVICP	Jun-04	C-FP	STRESAU WEST, INC EDGEMONT, SC	Feb-06	May-07	YES	
FY 2005	62,178	0.01	NAVICP	Jun-05	C-FP	STRESAU WEST, INC EDGEMONT, SC	Feb-06	Feb-08	YES	
FY 2009	90,000	0.01	NAVICP	Jan-09	C-FP	TBD	Aug-09	Jan-10	YES	
FY 2010	226,400	0.01	NAVICP	Jan-10	C-FP	TBD	May-10	Oct-10	YES	
<u>CHAFF COUNTERMEASURES</u>										
RR-144A TRAINING CHAFF										
FY 2008	69,487	0.01	NAVICP	Jan-08	C-FP	ARMTEC DEFENSE INC, COACHELLA, CA	Jun-08	Dec-08	YES	
FY 2009	203,918	0.01	NAVICP	Jan-09	C-FP	ARMTEC DEFENSE INC, COACHELLA, CA	Jan-09	May-09	YES	
FY 2010	86,400	0.01	NAVICP	Jan-10	C-FP	TBD	Apr-10	Dec-10	YES	
RR-170A CHAFF 1X1										
FY 2008	43,896	0.003	NAVICP	Oct-07	C-FP	ARMTEC DEFENSE INC, COACHELLA, CA	Jun-08	Jan-09	YES	
D. REMARKS										

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE May 2009			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1 - NAVY AMMUNITION					C. P-1 ITEM NOMENCLATURE 018200, AIR EXPENDABLE COUNTERMEASURES				SUBHEAD Y1QA		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE	
RR-188 CHAFF											
FY 2009	20,000	0.003	NAVICP	Dec-08	C-FP	ARMTEC DEFENSE INC, COACHELLA, CA	Dec-08	Jun-09	YES		
FY 2010	20,000	0.003	NAVICP	Jan-10	C-FP	TBD	Apr-10	Dec-10	YES		
D. REMARKS											

BUDGET PRODUCTION SCHEDULE, P-21								DATE May 2009																								
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS - NAVY AMMUNITION						BA1		Weapon System		P-1 ITEM NOMENCLATURE 018200 AIRBORNE EXPENDABLE C/M																						
						Production Rate			Procurement Leadtimes																							
Item		Manufacturer's Name and Location				MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																		
FOTD/IDECM (ALE-55)		BAE, Nashua, NH				TBD	TBD	TBD		6		13	19	E																		
AAED (ALE-50)		Raytheon, Goleta, CA				300	1680	3600		10		14	24	E																		
MJU49B		Alloy, Chester Twncshp, PA				72	216	216		5		14	19	K																		
MJU-55		Crane Army Ammo Activity				12	60	108		7		9	16	K																		
MJU-55		Kilgore Flares, Toone, TN				12	60	108		5		15	20	K																		
MJU-57		Crane Army Ammo Activity				12	36	96		6		5	11	K																		
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008										FISCAL YEAR 2009										B A L					
							2007		CALENDAR YEAR 2008										CALENDAR YEAR 2009													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
AAED (RAYTHEON)		06	AF	862	144	718	75	75	75	75	75	75	75	75	75	75	75															0
AAED (RAYTHEON)		07	N	335		335												100	100	100	35										0	
AAED (RAYTHEON)		07	AF	934		934															65	100	100	100	100	100	100	100	100	69		
AAED (RAYTHEON)		08	N	249		249											A													249		
AAED (RAYTHEON)		08	AF	600		600								A																600		
AAED (RAYTHEON)		09	AF	600		600																				A				600		
FOTD-IDECM (BAE)		08	N	150		150								A																150		
FOTD-IDECM (BAE)		09	N	251		251																	A							251		
MJU-49B (ALLOY)		06	N	262	108	154	18	18	18	18	18	18	18	10																	0	
MJU-49B (ALLOY)		07	N	239	152	87								8	18	18	18	18	7												0	
MJU-49B (ALLOY)		08	N	140		140			A										11	18	18	18	18	18	18	18	18			0		
MJU-49B (ALLOY) SUPPLEMENTAL		08	N	58		58							A														15	18	18	7		
MJU-49B (ALLOY)		09	N	240		240																				A				240		
MJU-55 (KILGORE)		07	N	21		21								7	7	7														0.0		
MJU-55 (CAAA)		07	N	14		14												7	7											0		
MJU-55 (CAAA) SUPPLEMENTAL		07	N	17		17														8	9									0		
MJU-55 (TBD)		09	N	55		55																				A				55		
MJU-57 (CAAA)		06	N	12		12																				6				0		
MJU-57 (CAAA)		08	N	40		40																					7	7	7	12		
MJU-57 (TBD)		09	N	45		45														A										45		
Remarks:																																

BUDGET PRODUCTION SCHEDULE, P-21							DATE May 2009																							
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS NAVY AMMUNITION							Weapon System BA1-							P-1 ITEM NOMENCLATURE 018200 AIRBORNE EXPENDABLE C/M																
		Production Rate			Procurement Leadtimes																									
Item	Manufacturer's Name and Location	MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure	FISCAL YEAR 2012					FISCAL YEAR 2013					BAL									
											CALENDAR YEAR 2012					CALENDAR YEAR 2013														
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP				
FOTD/IDECM (ALE-55)	BAE, Nashua, NH	TBD	TBD	TBD							4			14																
AAED (ALE-50)	Raytheon, Goleta, CA	300	1680	3600							5			17																
MJU49B	Alloy, Chester Twnshp, PA	72	216	216							5			6																
MJU-55	TBD	TBD	TBD	TBD							1			4																
MJU-57	Crane Army Ammo Activity	12	36	96							6			6																
M216	TBD	TBD	TBD	TBD							6		8																	
MJU-67	TBD	TBD	TBD	TBD							6		5																	
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	2011					CALENDAR YEAR 2012					CALENDAR YEAR 2013					B A L									
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
AAED (RAYTHEON)	10	AF	600	31	569	50	50	50	50	50	50	50	50	50	50	19												0		
FOTD-IDECM (BAE)	10	N	401	180	221	30	30	40	40	40	41																	0		
Remarks:																														

BUDGET ITEM JUSTIFICATION SHEET P-40	DATE: May 2009
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APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1- NAVY AMMUNITION	P-1 ITEM NOMENCLATURE 019400, JET ASSISTED TAKE OFF (JATOS)
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Program Element for Code B Items:	Other Related Program Elements
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	Prior Years	ID Code	FY 2008	FY 2009	FY 2010						
Quantity											
Cost (\$M)	41.3	A	3.1	3.2	3.2						
Initial Spares (\$M)											
Total (\$M)	41.3		3.1	3.2	3.2						
Unit Cost (\$M)											

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.

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: May 2009					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1- NAVY AMMUNITION							P-1 ITEM NOMENCLATURE 019400, JET ASSISTED TAKE OFF (JATOS)					
Procurement Items	ID Code	Prior Years	FY 2008	FY 2009	FY 2010							
MK 117 MOD O ROCKET MOTOR												
Quantity	A	7,810	550	564	560							
Funding		30,285	2,328	2,593	2,624							
Other Costs		11,011	773	576	606							
Total P-1 Funding		\$41,296	\$3,101	\$3,169	\$3,230							

CLASSIFICATION:		UNCLASSIFIED										
Exhibit P-40, BUDGET ITEM JUSTIFICATION										DATE May 2009		
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1						P-1 LINE ITEM NOMENCLATURE 5 INCH/54 GUN AMMUNITION SUBHEAD NO. A1AC BLI: 0250						
Program Element for Code B Items SUBHEAD NO. A1AC						Other Related Program Elements						
	Prior Years	ID Code		FY 2008	FY 2009	Baseline FY 2010	OCO FY 2010	Total FY 2010				
Quantity						0		0				
COST (In Millions)				28.8	20.8	27.4	0.4	27.8				
PROGRAM 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.												
AC100 - PROCUREMENT												
The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items. FY09 cost will be adjusted during year of execution.												
AC830 - 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.												
AC850 - PRODUCT IMPROVEMENT												
The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.												
AC893 - 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.												
AC894 - 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.												

CLASSIFICATION: UNCLASSIFIED		
Exhibit P-40, BUDGET ITEM JUSTIFICATION (CONTINUATION)		DATE May 2009
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1	P-1 LINE ITEM NOMENCLATURE 5 INCH/54 GUN AMMUNITION SUBHEAD NO. A1AC BLI: 0250	
<p>AC895 - 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.</p> <p>AC102 - CONGRESSIONAL ADD Ammunition being procured with Congressional dollars.</p> <p>AC101 - SUPPLEMENTAL Ammunition being procured with supplemental dollars.</p> <p>GW1X1 - OVERSEAS CONTINGENCY OPERATIONS (OCO) Ammunition being procured with OCO dollars.</p>		

CLASSIFICATION:		UNCLASSIFIED														
EXHIBIT P-5 COST ANALYSIS				Weapon System									DATE			
APPROPRIATION/BUDGET ACTIVITY				ID Code		P-1 LINE ITEM NOMENCLATURE										
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1				025000		5 INCH/54 GUN AMMUNITION SUBHEAD NO. A1AC										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN MILLIONS OF DOLLARS													
			Prior Years	FY 2008		FY 2009			Baseline FY 2010			OCO FY 2010				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
	<u>EQUIPMENT</u> <u>ALL SPONSORS</u>															
AC102	5 CARTRIDGE CASES	DDCC	0.000	14728	0.163	2.400	0	0.000	0.000				0	0.000	0.000	
GW1X1	5 5"54 PROJ, MULTI OPTION FUZE	DA48	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	213	1.653	0.352	
	ALL SPONSORS Subtotal		0.000			2.400			0.000			0.000			0.352	
	<u>SURFACE WARFARE</u>															
AC100	<u>5"54 AMMUNITION COMPONENTS</u>															
	MK 9 CARTRIDGE CASE	DDCC	0.000	9110	0.163	1.489	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	
	MK45 ELECTRIC PRIMER	MK45	0.000	30867	0.194	5.982	24739	0.111	2.754	0	0.000	0.000	0	0.000	0.000	
	TRANSPORTATION ACCT CODE		0.000	0	0.000	0.396		0.000	0.000	0	0.000	0.414	0	0.000	0.000	
	D326 5/54 CHG, PROP, FULL	D326	31.515	0	0.000	0.000		0.000	0.000	0	0.000	0.000	0	0.000	0.000	
	PE/QA SMCA		0.024		0.000	0.030		0.000	0.033	0	0.000	0.034	0	0.000	0.000	
	5"54 PROJ, MULTI OPTION FUZE	DA48	0.000	5000	1.052	5.259	4992	1.333	6.653	14509	1.653	23.978	0	0.000	0.000	
	PROJ, 5"54 KE-ET	DA15	0.000	1	118.000	0.118	4704	1.597	7.514	0	0.000	0.000	0	0.000	0.000	
AC101	<u>SUPPLEMENTAL</u>															
	PROJ, 5"54 KE-ET	DA15	8.244	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	
	MULTI OPTION FUZE	MOFN	2.756	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	
AC830	PRODUCTION ENGINEERING		4.260	0	0.000	2.237	0	0.000	2.513	0	0.000	2.510	0	0.000	0.000	
AC850	PRODUCT IMPROVEMENT		3.820	0	0.000	5.171		0.000	1.045	0	0.000	0.160	0	0.000	0.000	
	Total Equipment					23.082			20.512			27.096			0.352	

CLASSIFICATION:		UNCLASSIFIED													
EXHIBIT P-5 COST ANALYSIS (CONTINUATION)				Weapon System									DATE May 2009		
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1				ID Code 025000		P-1 LINE ITEM NOMENCLATURE 5 INCH/54 GUN AMMUNITION SUBHEAD NO. A1AC									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN MILLIONS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			Baseline FY 2010			OCO FY 2010		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AC893	RENOVATION COMPONENTS		6.776	0	0.000	5.518	0	0.000	0.000	0	0.000	0.000	0	0.000	0
AC894	GAUGE REQUIREMENTS		0.712	0	0.000	0.223	0	0.000	0.385	0	0.000	0.387	0	0.000	0
AC895	NON-STANDARD		0.426	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0
	SURFACE WARFARE Subtotal		58.533			26.423			20.897			27.483			
	TOTAL EQUIPMENT		58.533			28.823			20.897			27.483			0.352
TOTAL			58.533			28.823			20.897			27.483			0.352

CLASSIFICATION:				UNCLASSIFIED						
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING					Weapon System				DATE May 2009	
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE 5 INCH/54 GUN AMMUNITION BLIN: 0250				SUBHEAD A1AC	
COST ELEMENT FISCAL YEAR	Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAIL NOW	DATE REVISIONS AVAILABLE
FY 2008										
AC102 5										
CARTRIDGE CASES	14728	0.163	JMC ROCK ISLAND	MAR-08	CONTRACT	NI INDUST., RIVERBANK, CA	JUN-08	MAY-09	YES	
AC100 5"/54 AMMUNITION COMPONENTS										
PROJ, 5"/54 KE-ET	1	118.000	PM NCAS	MAY-08	MIPR	NSWC DAHLGREN	MAY-08	JUN-09	YES	
5"/54 PROJ, MULTI OPTION FUZE	5000	1.052	PM NCAS	FEB-08	MIPR	CRANE AAA	MAY-08	JUN-10	YES	
MK 9 CARTRIDGE CASE	9110	0.163	JMC ROCK ISLAND	FEB-08	CONTRACT	NI INDUST., RIVERBANK, CA	JUN-08	MAY-09	YES	
MK45 ELECTRIC PRIMER	30867	0.194	NSWC CRANE	MAR-08	CONTRACT	NSWC INDIAN HEAD	SEP-08	MAR-11	YES	
FY 2009										
AC100 5"/54 AMMUNITION COMPONENTS										
PROJ, 5"/54 KE-ET	4704	1.597	JMC ROCK ISLAND	OCT-08	CONTRACT	UNKNOWN	MAY-09	OCT-11	YES	
5"/54 PROJ, MULTI OPTION FUZE	4992	1.333	PM NCAS	OCT-08	MIPR	CRANE AAA	MAY-09	JAN-11	YES	
MK45 ELECTRIC PRIMER	24739	0.111	JMC ROCK ISLAND	DEC-08	CONTRACT	UNKNOWN	MAY-09	SEP-10	YES	
FY 2010										
GW1X1 5										
5"54 PROJ, MULTI OPTION FUZE	213	1.653	JMC ROCK ISLAND	OCT-09	CONTRACT	UNKNOWN	MAR-10	JAN-12		SEP-09
AC100 5"/54 AMMUNITION COMPONENTS										
5"/54 PROJ, MULTI OPTION FUZE	14509	1.653	JMC ROCK ISLAND	OCT-09	CONTRACT	UNKNOWN	MAR-10	JAN-12		SEP-09
Remarks:										
NOTE: All items shown are priced with available GFM.										

CLASSIFICATION:		UNCLASSIFIED																													
EXHIBIT P-21, PRODUCTION SCHEDULE																						DATE: May 2009									
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1															Weapon System					P-1 LINE ITEM NOMENCLATURE 5 INCH/54 GUN AMMUNITION BLI: 0250											
Item		Manufacturer's Name and Location				Production Rate			Procurement Leadtimes								Total	Unit of Measure													
						MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT																			
D326 5/54 CHG, PROP, FULL		MCALESTER AAP				7500	20000	50000	6	6	23	23	29	K																	
5"/54 PROJ, MULTI OPTION FUZE		CRANE AAA				4500	20000	60000	6	6	23	23	29	K																	
MK45 ELECTRIC PRIMER		UNKNOWN				2000	10000	20000	6	6	23	23	29	K																	
PROJ, 5"/54 KE-ET		CRANE AAA				2500	3000	6000	5	5	31	31	36	K																	
MK 9 CARTRIDGE CASE		NI INDUST., RIVERBANK, CA				4500	20000	60000	6	6	23	23	29	K																	
ITEM		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008												FISCAL YEAR 2009												B A L
							CY 2007			CALENDAR YEAR 2008									CALENDAR YEAR 2009												
							O C T	N V	D C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
5"/54 PROJ, MULTI OPTION FUZE		2008	N	5	0	5																									5
5"/54 PROJ, MULTI OPTION FUZE		2009	N	5	0	5																									5
D326 5/54 CHG, PROP, FULL		2003	N	15	9	6																									6
D326 5/54 CHG, PROP, FULL		2005	N	32	0	32																									32
D326 5/54 CHG, PROP, FULL		2006	N	25	0	25																									25
D326 5/54 CHG, PROP, FULL		2007	N	25	0	25																									25
MK 9 CARTRIDGE CASE		2008	N	9	0	9																							9	0	
MK45 ELECTRIC PRIMER		2008	N	31	0	31																									31
PROJ, 5"/54 KE-ET		2008	N	1	0	1																									0
PROJ, 5"/54 KE-ET		2009	N	5	0	5																									5
ITEM		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010																								B A L
							CY 2009			CALENDAR YEAR 2010																					
							O C T	N V	D C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
5"/54 PROJ, MULTI OPTION FUZE		2008	N	5	0	5																									0
5"/54 PROJ, MULTI OPTION FUZE		2009	N	5	0	5																									0
D326 5/54 CHG, PROP, FULL		2003	N	15	9	6																									0
D326 5/54 CHG, PROP, FULL		2005	N	32	0	32																									0
D326 5/54 CHG, PROP, FULL		2006	N	25	0	25																									0
D326 5/54 CHG, PROP, FULL		2007	N	25	0	25																									0
MK45 ELECTRIC PRIMER		2008	N	31	0	31																									10
MK45 ELECTRIC PRIMER		2009	N	25	0	25																									0
PROJ, 5"/54 KE-ET		2009	N	5	0	5																									5
Remarks:																															

CLASSIFICATION:		UNCLASSIFIED																														
EXHIBIT P-21, PRODUCTION SCHEDULE																				DATE: May 2009												
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1															Weapon System					P-1 LINE ITEM NOMENCLATURE 5 INCH/54 GUN AMMUNITION BLI: 0250												
		Production Rate					Procurement Leadtimes																									
Item	Manufacturer's Name and Location					MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																		
D326 5/54 CHG, PROP, FULL	MCALESTER AAP					7500	20000	50000	6	6	23	23	29	K																		
5"/54 PROJ, MULTI OPTION FUZE	CRANE AAA					4500	20000	60000	6	6	23	23	29	K																		
MK45 ELECTRIC PRIMER	UNKNOWN					2000	10000	20000	6	6	23	23	29	K																		
PROJ, 5"/54 KE-ET	CRANE AAA					2500	3000	6000	5	5	31	31	36	K																		
MK 9 CARTRIDGE CASE	NI INDUST., RIVERBANK, CA					4500	20000	60000	6	6	23	23	29	K																		
ITEM	F	S	Q	D	B																											B A L
	Y	V	T	E	A																											
	C	Y	L	L	L	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S			
						C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	M	J	J	A	S		
						T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P			
5"/54 PROJ, MULTI OPTION FUZE	2010	N	15	0	15																											
PROJ, 5"/54 KE-ET	2009	N	5	0	5																											
ITEM	F	S	Q	D	B																											B A L
	Y	V	T	E	A																											
	C	Y	L	L	L	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S			
						C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	M	J	J	A	S		
						T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P			
Remarks:																																

CLASSIFICATION:		UNCLASSIFIED																													
EXHIBIT P-21, PRODUCTION SCHEDULE																			DATE: May 2009												
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1													Weapon System					P-1 LINE ITEM NOMENCLATURE 5 INCH/54 GUN AMMUNITION BLI: 0250													
						Production Rate			Procurement Leadtimes																						
Item		Manufacturer's Name and Location				MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																	
MULTI OPTION FUZE		KDI, CINCINNATI, OH				4500	20000	60000	6	6	23	23	29	K																	
PROJ, 5"/54 KE-ET		CRANE AAA				2500	3000	6000	5	5	31	31	36	K																	
ITEM		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008											FISCAL YEAR 2009								B A L					
							CY 2007		CALENDAR YEAR 2008									CALENDAR YEAR 2009													
							O C T	N V	D C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R		M A Y	J U N	J U L	A U G	S E P
MULTI OPTION FUZE		2007	N	5	0	5																								5	
PROJ, 5"/54 KE-ET		2007	N	8	0	8																						8		0	
ITEM		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010											FISCAL YEAR 2009								B A L					
							CY 2009		CALENDAR YEAR 2010									CALENDAR YEAR 2009													
							O C T	N V	D C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R		M A Y	J U N	J U L	A U G	S E P
MULTI OPTION FUZE		2007	N	5	0	5																								0	
Remarks:																															

CLASSIFICATION:		UNCLASSIFIED																															
EXHIBIT P-21, PRODUCTION SCHEDULE															DATE:					May 2009													
APPROPRIATION/BUDGET ACTIVITY												Weapon System					P-1 LINE ITEM NOMENCLATURE																
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1																	5 INCH/54 GUN AMMUNITION BLI: 0250																
		Production Rate			Procurement Leadtimes																												
Item		Manufacturer's Name and Location				MSR	ECON	MAX	ALT Prior to Oct 1		ALT After Oct 1		Initial Mfg PLT		Reorder Mfg PLT		Total			Unit of Measure													
CARTRIDGE CASES		NI INDUST., RIVERBANK, CA				4500	20000	60000	6		6		23		23		29			K													
ITEM		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008										FISCAL YEAR 2009										B A L						
							CY 2007					CALENDAR YEAR 2008					CALENDAR YEAR 2009																
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M		J	J	A	S		
							C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A		U	U	U	E		
CARTRIDGE CASES		2008	N	15	0	15																				15							0
ITEM		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010																				B A L						
							CY 2009					CALENDAR YEAR 2010																					
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M		J	J	A	S		
							C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A		U	U	U	E		
Remarks:																																	

CLASSIFICATION:		UNCLASSIFIED																												
EXHIBIT P-21, PRODUCTION SCHEDULE																	DATE: May 2009													
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1												Weapon System				P-1 LINE ITEM NOMENCLATURE 5 INCH/54 GUN AMMUNITION BLI: 0250														
						Production Rate			Procurement Leadtimes																					
Item	Manufacturer's Name and Location					MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																
5"54 PROJ, MULTI OPTION FUZE	CRANE AAA					4500	20000	60000	6	6	23	23	29	K																
ITEM	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008												FISCAL YEAR 2009												B A L
						CY 2007			CALENDAR YEAR 2008									CALENDAR YEAR 2009												
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	
						C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E	
5"54 PROJ, MULTI OPTION FUZE	2010	N	1	0	1																							1		
ITEM	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010																								B A L
						CY 2009			CALENDAR YEAR 2010																					
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	
						C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E	
5"54 PROJ, MULTI OPTION FUZE	2010	N	1	0	1																							1		
Remarks:																														

CLASSIFICATION:		UNCLASSIFIED																												
EXHIBIT P-21, PRODUCTION SCHEDULE																	DATE: May 2009													
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1														Weapon System					P-1 LINE ITEM NOMENCLATURE 5 INCH/54 GUN AMMUNITION BLI: 0250											
						Production Rate			Procurement Leadtimes																					
Item		Manufacturer's Name and Location				MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																
5"54 PROJ, MULTI OPTION FUZE		CRANE AAA				4500	20000	60000	6	6	23	23	29	K																
ITEM		F	S	Q	D	B																		B A L						
		Y	V	T	E	A																								
		C	Y	L	L	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M		A	M	J	J	A	S
5"54 PROJ, MULTI OPTION FUZE		2010	N	1	0	1																								1
ITEM		F	S	Q	D	B																		B A L						
		Y	V	T	E	A																								
		C	Y	L	L	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M		A	M	J	J	A	S
							T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P
Remarks:																														

CLASSIFICATION:		UNCLASSIFIED									
Exhibit P-40, BUDGET ITEM JUSTIFICATION										DATE May 2009	
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE INTERMEDIATE CALIBER GUN AMMUNITION SUBHEAD NO. A1AL BLI: 0266						
Program Element for Code B Items SUBHEAD NO. A1AL					Other Related Program Elements						
	Prior Years	ID Code		FY 2008	FY 2009	FY 2010					
Quantity	0			0	0	0	0	0	0	0	0
COST (In Millions)	18.4			11.1	1.5	26.0					
PROGRAM DESCRIPTION/JUSTIFICATION:											
<p>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.</p> <p>AL100 - PROCUREMENT The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests. Cost associated with the Transportation Account Code (TAC) are for first destination of delivery of production items. FY09 costs will be adjusted during the year of execution.</p> <p>AL830 - PRODUCTION ENGINEERING Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.</p> <p>AL850 - PRODUCT IMPROVEMENT The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of defeciciencies exclusive of contractual specifications.</p> <p>AL894 - 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.</p> <p>AL895 - NON -STANDARD ITEMS</p>											

CLASSIFICATION: UNCLASSIFIED		
Exhibit P-40, BUDGET ITEM JUSTIFICATION (CONTINUATION)		DATE May 2009
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1	P-1 LINE ITEM NOMENCLATURE INTERMEDIATE CALIBER GUN AMMUNITION SUBHEAD NO. A1AL BLI: 0266	
<p>The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.</p> <p>Ammo procured with these funds is procured both through 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 Non-SMCA items has been developed using engineering estimates and recent contract pricing.</p> <p>AL101 - SUPPLEMENTAL Ammunition being procured with supplemental dollars.</p>		

CLASSIFICATION:		UNCLASSIFIED										
EXHIBIT P-5 COST ANALYSIS							Weapon System			DATE May 2009		
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1							ID Code 026600		P-1 LINE ITEM NOMENCLATURE INTERMEDIATE CALIBER GUN AMMUNITION SUBHEAD NO. A1AL			
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN MILLIONS OF DOLLARS									
			Prior Years	FY 2008		FY 2009			FY 2010			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<u>EQUIPMENT</u> <u>ALL SPONSORS</u>											
AL100	<u>INTERMEDIATE CALIBER GUN AMMUNITION COMPONENTS</u> TRANSPORTATION ACCT CODE		0.000	0	0.000	0.180	0	0.000	0.000	0	0.000	0.188
	ALL SPONSORS Subtotal		0.000			0.180			0.000			0.188
	<u>SURFACE WARFARE</u>											
AL100	<u>INTERMEDIATE CALIBER GUN AMMUNITION COMPONENTS</u> CART., 57MM, 3P MK295	BA22	13.366	2290	3.918	8.973	0	0.000	0.000	4048	3.908	15.820
	CART., 57MM TP MK296	BA23	3.489	751	1.526	1.146	0	0.000	0.000	5665	1.607	9.104
AL101	<u>SUPPLEMENTAL</u> CART., 57MM, 3P MK 295	BA22	0.027	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
AL830	PRODUCTION ENGINEERING		1.374		0.000	0.779	0	0.000	1.420	0	0.000	0.810
AL894	GAUGE REQUIREMENTS		0.156	0	0.000	0.057	0	0.000	0.048	0	0.000	0.052
	SURFACE WARFARE Subtotal		18.412			10.955			1.468			25.786
	TOTAL EQUIPMENT		18.412			11.135			1.468			25.974
	TOTAL		18.412			11.135			1.468			25.974

CLASSIFICATION:				UNCLASSIFIED						
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING					Weapon System				DATE May 2009	
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE INTERMEDIATE CALIBER GUN AMMUNITION BLIN: 0266				SUBHEAD A1AL	
COST ELEMENT FISCAL YEAR	Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAIL NOW	DATE REVISIONS AVAILABLE
FY 2008										
AL100 INTERMEDIATE CALIBER GUN AMMUNITION COMPONENTS										
CART., 57MM, 3P MK295	2290	3.918	NSWC CRANE	OCT-07	CONTRACT	BAE SYSTEMS LAND & AR	SEP-08	FEB-11	YES	
CART., 57MM TP MK296	751	1.526	NSWC CRANE	OCT-07	CONTRACT	BAE SYSTEMS LAND & AR	APR-08	OCT-09	YES	
FY 2010										
AL100 INTERMEDIATE CALIBER GUN AMMUNITION COMPONENTS										
CART., 57MM, 3P MK295	4048	3.908	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	MAR-10	Aug-09		JUL-09
CART., 57MM TP MK296	5665	1.607	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	MAR-10	Aug-09		JUL-09
Remarks:										
NOTE: All items shown are priced with available GFM.										

CLASSIFICATION:		UNCLASSIFIED																														
EXHIBIT P-21, PRODUCTION SCHEDULE																				DATE:		May 2009										
APPROPRIATION/BUDGET ACTIVITY															Weapon System					P-1 LINE ITEM NOMENCLATURE												
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1																				INTERMEDIATE CALIBER GUN AMMUNITION BLI: 0266												
		Production Rate					Procurement Leadtimes																									
Item		Manufacturer's Name and Location				MSR	ECON	MAX	ALT Prior to Oct 1		ALT After Oct 1		Initial Mfg PLT		Reorder Mfg PLT		Total		Unit of Measure													
CART., 57MM, 3P MK295		UNKNOWN				2300	7500	15000	6		6		29		29		35		K													
CART., 57MM TP MK296		UNKNOWN				2300	7500	15000	6		6		29		29		35		K													
CART., 57MM DUMMY, RAMMABLE		UNKNOWN				2300	7500	15000	6		6		29		29		35		K													
ITEM		F	S	Q	D	B	FISCAL YEAR 2008										FISCAL YEAR 2009										B A L					
		Y	V	T	E	A	CY 2007					CALENDAR YEAR 2008					CALENDAR YEAR 2009															
		C	Y	L	L		O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M		J	J	A	S	
							C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E		
CART., 57MM TP MK296		2007	N	0	0	0																										0
CART., 57MM TP MK296		2008	N	0	0	0																										0
CART., 57MM TP MK296		2010	N	5	0	5																										5
CART., 57MM, 3P MK295		2007	N	3	0	3																										3
CART., 57MM, 3P MK295		2008	N	2	0	2																										2
CART., 57MM, 3P MK295		2010	N	4	0	4																										4
ITEM		F	S	Q	D	B	FISCAL YEAR 2010																				B A L					
		Y	V	T	E	A	CY 2009					CALENDAR YEAR 2010																				
		C	Y	L	L		O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M		J	J	A	S	
							C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E		
CART., 57MM TP MK296		2010	N	5	0	5																										5
CART., 57MM, 3P MK295		2007	N	3	0	3																										3
CART., 57MM, 3P MK295		2008	N	2	0	2																										2
CART., 57MM, 3P MK295		2010	N	4	0	4																										4
Remarks:																																
FY07 - CART., 57MM TP MK296 quantity is 0.160 to be delivered May 2009.																																
FY08 - CART., 57MM TP MK296 quantity is 0.751 to be delivered May 2009.																																
FY10 - CART., 57MM TP MK296 quantity is 5665 to be delivered August 2012.																																
FY07 - CART., 57MM 3P MK295 quantity is 2700 to be delivered February 2011.																																
FY08 - CART., 57MM 3P MK295 quantity is 2300 to be delivered February 2011.																																
FY10 - CART., 57MM 3P MK295 quantity is 4048 to be delivered August 2012.																																

CLASSIFICATION:		UNCLASSIFIED																														
EXHIBIT P-21, PRODUCTION SCHEDULE																				DATE: May 2009												
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1															Weapon System					P-1 LINE ITEM NOMENCLATURE INTERMEDIATE CALIBER GUN AMMUNITION BLI: 0266												
		Production Rate					Procurement Leadtimes																									
Item	Manufacturer's Name and Location					MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																		
CART., 57MM, 3P MK295	UNKNOWN					2300	7500	15000	6	6	29	29	35	K																		
CART., 57MM TP MK296	UNKNOWN					2300	7500	15000	6	6	29	29	35	K																		
CART., 57MM DUMMY, RAMMABLE	UNKNOWN					2300	7500	15000	6	6	29	29	35	K																		
ITEM	F	S	Q	D	B																											B A L
	Y	V	T	E	A																											
	C	Y	L	L	L	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S			
						C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	M	J	J	A	S		
						T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P			
CART., 57MM TP MK296	2010	N	5	0	5																											
CART., 57MM, 3P MK295	2007	N	3	0	3																											
CART., 57MM, 3P MK295	2008	N	2	0	2																											
CART., 57MM, 3P MK295	2010	N	4	0	4																											
ITEM	F	S	Q	D	B																											B A L
	Y	V	T	E	A																											
	C	Y	L	L	L	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S			
						C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	M	J	J	A	S		
						T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P			
CART., 57MM TP MK296	2010	N	5	0	5																											
CART., 57MM, 3P MK295	2007	N	3	0	3																											
CART., 57MM, 3P MK295	2008	N	2	0	2																											
CART., 57MM, 3P MK295	2010	N	4	0	4																											
Remarks:																																
FY07 - CART., 57MM TP MK296 quantity is 0.160 to be delivered May 2009.																																
FY08 - CART., 57MM TP MK296 quantity is 0.751 to be delivered May 2009.																																
FY10 - CART., 57MM TP MK296 quantity is 5665 to be delivered August 2012.																																
FY07 - CART., 57MM 3P MK295 quantity is 2700 to be delivered February 2011.																																
FY08 - CART., 57MM 3P MK295 quantity is 2300 to be delivered February 2011.																																
FY10 - CART., 57MM 3P MK295 quantity is 4048 to be delivered August 2012.																																

CLASSIFICATION:		UNCLASSIFIED										
Exhibit P-40, BUDGET ITEM JUSTIFICATION										DATE May 2009		
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1						P-1 LINE ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION SUBHEAD NO. A1AG BLI: 0270						
Program Element for Code B Items SUBHEAD NO. A1AG						Other Related Program Elements						
	Prior Years	ID Code		FY 2008	FY 2009	Baseline FY 2010	OCO FY 2010	Total FY 2010				
Quantity					0	0	0	0				
COST (In Millions)				21.6	34.0	35.9	2.8	38.7				
PROGRAM DESCRIPTION/JUSTIFICATION:												
<p>The OSGA program consists of 40 medium caliber types of gun ammunition (20MM, 25MM, 30MM, 40MM). This supports active Navy ships, and active and reserve ashore warfare forces including mobile construction battalions (MCB), amphibious construction battalion (ACB), mobile security forces (MSF), fleet combat readiness groups, inshore undersea warfare groups and several other type operational units. Program includes support for emergent anti-terrorism/force protection and homeland defense requirements.</p> <p>AG100/AG200 - PROCUREMENT The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items. FY09 costs will be adjusted during year of execution.</p> <p>AG830 - PRODUCTION ENGINEERING Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.</p> <p>AG850 - PRODUCT IMPROVEMENT The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.</p> <p>AG894 - 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.</p> <p>AG895 - 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.</p>												

CLASSIFICATION:	UNCLASSIFIED	
Exhibit P-40, BUDGET ITEM JUSTIFICATION (CONTINUATION)		DATE May 2009
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1	P-1 LINE ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION SUBHEAD NO. A1AG BLI: 0270	
<p>All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.</p> <p>GW1X1 - OVERSEAS CONTINGENCY OPERATIONS (OCO) Ammunition being procured with OCO dollars.</p> <p>AG101 - SUPPLEMENTAL Ammunition being procured with supplemental dollars.</p>		

CLASSIFICATION:		UNCLASSIFIED													
EXHIBIT P-5 COST ANALYSIS				Weapon System								DATE May 2009			
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1				ID Code 027000		P-1 LINE ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION SUBHEAD NO. A1AG									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN MILLIONS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			Baseline FY 2010			OCO FY 2010		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<u>EQUIPMENT</u>														
	<u>ALL SPONSORS</u>														
AG100	<u>OTHER SHIP GUN AMMUNITION MAT.</u>														
	PE/QA SMCA-AG100		0.337	0	0.000	0.024	0	0.000	0.204	0	0.000	0.305	0	0.000	
	TRANSPORTATION ACCT CODE		0.000	0	0.000	0.342	0	0.000	0.593	0	0.000	0.370	0	0.000	
AG200	<u>OTHER SHIP GUN AMMUNITION MAT.</u>														
	PE/QA SMCA-AG200		0.000	0	0.000	0.035	0	0.000	0.000	0	0.000	0.013	0	0.000	
GW1X1	<u>OTHER SHIP GUN AMMUNITION MAT.</u>														
	CART., 20MM ELC	AA61	0.000	1707	0.025	0.043	0	0.000	0.000	0	0.000	0.000	0	0.000	
	CTG 40MM, M430 F/MK19	B542	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	22000	0.034	
	CART.40MM PRACT	BA576	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	45000	0.019	
	CTG 30MM TP-T-LKD	AA90	0.000	0	0.000	0.000	34790	0.026	0.907	0	0.000	0.000	0	0.000	
	CTG 40MM, 300M NLWM	BA26	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	50000	0.025	
	ALL SPONSORS Subtotal		0.337			0.444			1.704			0.688		2.835	
	<u>SURFACE WARFARE</u>														
AG100	<u>25MM CARTRIDGES</u>														
	CART., 25MM HEI-T/SAPHEI-T LI	AA98	9.058	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	
	CTG, 25MM, TP-T, M793	A976	6.223	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	
	<u>30MM CARTRIDGES</u>														
	CARTRIDGE, 30MM X 173, LINKED	AB44	0.000	25500	0.130	3.315	19152	0.138	2.643	33550	0.138	4.630	0	0.000	
	CART., 30MM HEI-T/MP LKD	AA89	2.018	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	
	CART., 30MM PROGRAMMABLE AIR	30AB	0.585	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	
	Total Equipment					3.759			4.347			5.318		2.835	

CLASSIFICATION:		UNCLASSIFIED													
EXHIBIT P-5 COST ANALYSIS (CONTINUATION)				Weapon System									DATE		
APPROPRIATION/BUDGET ACTIVITY				ID Code		P-1 LINE ITEM NOMENCLATURE									
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1				027000		OTHER SHIP GUN AMMUNITION									
						SUBHEAD NO. A1AG									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN MILLIONS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			Baseline FY 2010			OCO FY 2010		
				Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost
	CART., 30MM TP-T LKD	AA90	0.000	0	0.000	0.000	35010	0.026	0.914	44393	0.024	1.083	0	0.000	0.000
	<u>40MM GRENADE CARTRIDGES</u>														
	CTG 40MM, 300M NLWM	BA26	0.030	0	0.000	0.000	35024	0.027	0.936	0	0.000	0.000	0	0.000	0.000
	CTG 40MM M583A1	B535	0.000	14784	0.043	0.638	15004	0.045	0.676	15004	0.050	0.752	0	0.000	0.000
	CTG 40MM, M430 F/MK19	B542	0.000	0	0.000	0.000	49984	0.033	1.626	74976	0.032	2.404	0	0.000	0.000
	CTG, 40MM, BLANK, SAL (350&200 GRAMS)	B650	1.412	0	0.000	0.000	0	0.000	0.000	30078	0.100	2.995	0	0.000	0.000
	CTG, 40MM, FIXED, PRAC., F/MK	B576	0.000	0	0.000	0.000	100000	0.016	1.557	150016	0.017	2.544	0	0.000	0.000
	CTG., 40MM PRAC., M79 F/M203	B519	0.332	27000	0.003	0.092	30600	0.004	0.115	40000	0.006	0.220	0	0.000	0.000
AG200	<u>20MM CARTRIDGES</u>														
	CART., 20MM ELC	AA61	28.035	670334	0.024	16.079	817397	0.027	22.393	716000	0.027	19.255	0	0.000	0.000
AG830	PRODUCTION ENGINEERING		2.317	0	0.000	1.022	0	0.000	1.449	0	0.000	1.334	0	0.000	0.000
AG850	PRODUCT IMPROVEMENT		0.340	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
AG894	GAUGE REQUIREMENTS		0.045	0	0.000	0.026	0	0.000	0.028	0	0.000	0.029	0	0.000	0.000
AG895	NON-STANDARD		1.052	0	0.000	0.015	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	SURFACE WARFARE Subtotal		51.447			17.872			29.694			30.616			2.835
	TOTAL EQUIPMENT		51.784			21.631			34.041			35.934			2.835
TOTAL			51.784			21.631			34.041			35.934			2.835

CLASSIFICATION:					UNCLASSIFIED					
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING					Weapon System				DATE May 2009	
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION BLIN: 0270				SUBHEAD A1AG	
COST ELEMENT FISCAL YEAR	Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAIL NOW	DATE REVISIONS AVAILABLE
FY 2008										
GW1X1 OTHER SHIP GUN AMMUNITION MAT.										
CART., 20MM ELC	1707	0.025	NSWC CRANE	OCT-07	MIPR	ATK ANOKA, MN	MAY-08	MAY-09	YES	
AG100 30MM CARTRIDGES										
CARTRIDGE, 30MM X 173, LINKED	25500	0.130	NSWC CRANE	OCT-07	MIPR	ALLIANT TECHSYSTEMS, INC	FEB-09	MAR-09	YES	
AG100 40MM GRENADE CARTRIDGES										
CTG., 40MM PRAC., M79 F/M203	27000	0.003	JMC ROCK ISLAND	OCT-07	MIPR	AMTEC	SEP-08	DEC-08	YES	
CTG 40MM M583A1	14784	0.043	JMC ROCK ISLAND	OCT-07	MIPR	MULTIPLE CONTRACTORS	MAY-08	AUG-08	YES	
AG200 20MM CARTRIDGES										
CART., 20MM ELC	670334	0.024	NSWC CRANE	OCT-07	MIPR	MULTIPLE CONTRACTORS	MAY-08	MAY-09	YES	
FY 2009										
GW1X1 OTHER SHIP GUN AMMUNITION MAT.										
CTG 30MM TP-T-LKD	34790	0.026	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	SEP-09	JAN-11	YES	
AG100 30MM CARTRIDGES										
CART., 30MM TP-T LKD	35010	0.026	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	SEP-09	JAN-11	YES	
CARTRIDGE, 30MM X 173, LINKED	19152	0.138	NSWC CRANE	OCT-07	MIPR	ATK	FEB-09	APR-09	YES	
AG100 40MM GRENADE CARTRIDGES										
CTG., 40MM PRAC., M79 F/M203	30600	0.004	JMC ROCK ISLAND	OCT-08	MIPR	MULTIPLE CONTRACTORS	FEB-09	AUG-11	YES	
CTG 40MM M583A1	15004	0.045	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	JAN-10		JUL-08
CTG 40MM, M430 F/MK19	49984	0.033	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	SEP-09	APR-11	YES	
CTG, 40MM, FIXED, PRAC., F/MK	100000	0.016	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	DEC-08	SEP-10		JUL-08
CTG 40MM, 300M NLWM	35024	0.027								
AG200 20MM CARTRIDGES										
CART., 20MM ELC	817397	0.027	NSWC CRANE	OCT-08	MIPR	MULTIPLE CONTRACTORS	APR-09	JUL-09	YES	
FY 2010										
GW1X1 OTHER SHIP GUN AMMUNITION MAT.										

CLASSIFICATION:					UNCLASSIFIED						
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING (CONTINUATION)					Weapon System				DATE May 2009		
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION BLIN: 0270				SUBHEAD A1AG		
COST ELEMENT FISCAL YEAR		Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAIL NOW	DATE REVISIONS AVAILABLE
CTG 40MM, M430 F/MK19		22000	0.034	ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-10	JAN-11	YES	
CTG 40MM, 300M NLWM		50000	0.025								
CART.40MM PRACT		45000	0.019	ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-10	JAN-11	YES	
AG100 30MM CARTRIDGES											
CART., 30MM TP-T LKD		44393	0.024	JMC ROCK ISLAND	OCT-10	MIPR	UNKNOWN	MAR-10	SEP-11		JUL-09
CARTRIDGE, 30MM X 173, LINKED		33550	0.138	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	SEP-11		JUL-09
AG100 40MM GRENADE CARTRIDGES											
CTG., 40MM PRAC., M79 F/M203		40000	0.006	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	JAN-11		JUL-09
CTG 40MM M583A1		15004	0.050	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-11	JAN-11		JUL-09
CTG 40MM, M430 F/MK19		74976	0.032	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-11	JAN-11		
CTG, 40MM, FIXED, PRAC., F/MK		150016	0.017	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	DEC-09	SEP-11		JUL-09
CTG, 40MM, BLANK, SAL (350&200 GRAMS)		30078	0.100	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	DEC-09	JUN-11		JUL-09
AG200 20MM CARTRIDGES											
CART., 20MM ELC		716000	0.027	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	SEP-11		JUL-09
Remarks:											
NOTE: All items shown are priced with available GFM.											

CLASSIFICATION:		UNCLASSIFIED													
WEAPONS SYSTEM COST ANALYST P-1R						Weapon System						DATE May 2009			
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1						ID Code 027000		P-1 LINE ITEM NOMENCLATURE OTHER SHIP GUN AMMUNITION SUBHEAD NO. A1AG							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AG000	OTHER SHIP GUN AMMUNITION MAT.		0	1305	0	56	1256	0	54	1276	0	54			
TOTAL						56			54			54			

CLASSIFICATION:		UNCLASSIFIED											
Exhibit P-40, BUDGET ITEM JUSTIFICATION										DATE			
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1										P-1 LINE ITEM NOMENCLATURE SMALL ARMS & LANDING PARTY AMMO SUBHEAD NO. A1AH BLI: 0335			
Program Element for Code B Items SUBHEAD NO. A1AH										Other Related Program Elements			
	Prior Years	ID Code		FY 2008	FY 2009	BASELINE FY 2010	OCO FY 2010	TOTAL FY 2010					
Quantity						0	0	0					
COST (In Millions)				108.3	46.2	43.5	14.2	57.7					
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. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items. FY09 costs will be adjusted during year of execution.													
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 munition items.													
AH350 - MATCH AMMUNITION													
Special Ammunition required to support Navy approved marksmanship competition matches.													
AH101 - SUPPLEMENTAL													
Ammunition being procured with supplemental dollars.													
GW1X1 - OVERSEAS CONTIGENCY OPERATIONS (OCO)													
Ammunition being procured with OCO dollars.													

CLASSIFICATION:		UNCLASSIFIED													
EXHIBIT P-5 COST ANALYSIS		Weapon System											DATE May 2009		
APPROPRIATION / BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1		ID Code 033500		P-1 LINE ITEM NOMENCLATURE SMALL ARMS & LANDING PARTY AMMO SUBHEAD NO. A1AH											
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN MILLIONS OF DOLLARS												
			Prior Years	FY 2008		FY 2009			BASELINE FY 2010			OCO FY 2010			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<u>EQUIPMENT</u>														
AH100	TRANSPORTATION ACCOUNT CODE (TAC)		0.000	0	0.000	0.702	0	0.000	0.000	0	0.000	1.041	0	0.000	0.000
AH100	PE/QA SMCA		1.066		0.000	0.780	0	0.000	1.022	0	0.000	1.395	0	0.000	0.000
	<u>.50 CAL CARTRIDGES</u>														
	50 CAL BLANK	A598	0.000	0	0.000	0.000	0	0.000	0.000	588000	0.001	0.700	0	0.000	0.000
	CTG, 50 CAL, LKD, BALL	A555	2.995	3542000	0.002	8.004	1485000	0.003	3.802	678800	0.003	1.894	0	0.000	0.000
	CTG, .50 CAL, LKD & TRACER	A557	18.607	3767000	0.003	9.266	3723800	0.002	8.118	3250000	0.003	9.523	743600	0.003	2.186
	CTG, 50 211-0	A606	0.201	7920	0.008	0.062	7920	0.010	0.078	12960	0.011	0.141	0	0.000	0.000
	CTG, 50 CAL, MK 211, APIT, M	AA06	0.000	0	0.000	0.000	841550	0.008	6.312	875800	0.010	8.329	378000	0.010	3.594
	CTG, .50 LINKED	A576	18.091	1600000	0.003	4.288	0	0.000	0.000	0	0.000	0.000	733600	0.004	2.553
	CTG. 50 CAL	AA50	0.695	254020	0.009	2.276	100000	0.008	0.799	0	0.000	0.000	0	0.000	0.000
	<u>5.56MM CARTRIDGES</u>														
	CTG, 5.56MM, SRTR AMMO	AA68	0.000	0	0.000	0.000	440000	0.000	0.189	440000	0.000	0.194	0	0.000	0.000
	CTG., 5.55MM, LKD 4 BALL/1 TR	A064	0.000	0	0.000	0.000	0	0.000	0.000	825600	0.001	0.718	900480	0.001	0.783
	CTG, CAL 5.56MM, FRANGIBLE	AA40	1.045	1881600	0.000	0.809		0.000	0.000	2714880	0.000	1.194	1300000	0.000	0.572
	CTG., 5.56MM, BLANK	A080	0.823	0	0.000	0.000	0	0.000	0.000	1979040	0.000	0.376	551760	0.000	0.099
	CTG, 5.56MM M855	A059	3.085	9864960	0.000	2.565	9500400	0.000	3.135	7134960	0.000	2.426	399840	0.000	0.136
	<u>7.62MM CARTRIDGES</u>														
	CTG,7.62MM, LKD 9 AP TO 1 DI	AA34	0.000	100500	0.002	0.203	100500	0.002	0.195	0	0.000	0.000	0	0.000	0.000
	CTG, 7.62MM, LKD, BALL AND TR	A131	6.787	5000000	0.001	2.800	5800000	0.001	4.118	5800000	0.001	4.408	1240800	0.001	0.943
	CTG. 7.62MM	A257	0.000	1176000	0.001	0.540	0	0.000	0.000	0	0.000	0.000	417000	0.006	0.254
	CTG., 7.62MM	AA04	0.437	100000	0.002	0.190	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CTG, 7.62MM, BLNK	A111	0.440	1000000	0.000	0.320	1394400	0.000	0.530	1513600	0.001	0.969	832800	0.000	0.333
	CTG, 7.62MM, BALL, M80, LKD	A143	1.465	1000000	0.001	0.540	900000	0.001	0.630	1300000	0.001	1.092	0	0.000	0.000
	CTG, 7.62MM, LKD	A165	0.530	3000000	0.001	1.650	3499500	0.001	2.345	2776500	0.001	2.110	2455500	0.001	1.866

CLASSIFICATION:		UNCLASSIFIED													
EXHIBIT P-5 COST ANALYSIS (CONTINUATION)			Weapon System										DATE		
APPROPRIATION/BUDGET ACTIVITY			ID Code		P-1 LINE ITEM NOMENCLATURE										
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1			033500		SMALL ARMS & LANDING PARTY AMMO										
					SUBHEAD NO. A1AH										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN MILLIONS OF DOLLARS												
			Prior Years	FY 2008		FY 2009			BASELINE FY 2010			OCO FY 2010			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	CARTR, 7.62MM	AA11	0.000	0	0.000	0.000	100000	0.001	0.073	200000	0.001	0.170	0	0.000	0.000
	CTG, 7.62MM, LKD, 9 AP TO 1	AA36	0.000	201000	0.002	0.400	201000	0.002	0.390	0	0.000	0.000	0	0.000	0.000
	CTG, 7.62MM, SHORT RANGE TRAINING	AA39	0.093	140000	0.001	0.109	120000	0.001	0.095	0	0.000	0.000	0	0.000	0.000
	<u>9MM CARTRIDGES</u>														
	CTG, 9MM, FX, MARKING, RED	AA12	0.110	400000	0.001	0.184	800000	0.001	0.376	283000	0.001	0.136	0	0.000	0.000
	CTG, 9MM, FRANGIBLE	AA16	2.198	3283600	0.000	0.919	3650300	0.000	1.059	3891000	0.000	1.167	0	0.000	0.000
	CTG, 9MM, FX, MARKING, BLUE	AA21	0.333	400000	0.001	0.184	400000	0.001	0.188	200000	0.001	0.096	0	0.000	0.000
	CTG, 9MM, BALL	A363	3.897	21832000	0.000	3.275	22324000	0.000	3.572	7232000	0.000	1.085	2160000	0.000	0.346
	CTG, 9MM, SUBSONI	A260	0.000	0	0.000	0.000	600000	0.001	0.360	0	0.000	0.000	0	0.000	0.000
	<u>GRENADDES</u>														
	FUZE, DELAY M228	G878	0.025	10080	0.004	0.043	10080	0.000	0.000	6120	0.005	0.029	0	0.000	0.000
	GREN, LAUNCHER, SMK, IR SCREE	G826	0.096	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	GRENADE, LAUNCHER, SMK, M82	G978	0.948	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	GRENADE, HND, SMK, GREEN	G940	0.000	0	0.000	0.000	10000	0.044	0.440	0	0.000	0.000	2000	0.050	0.099
	GRENADE, HND, SMK, VIOLET	G955	0.000	0	0.000	0.000	8000	0.044	0.350	0	0.000	0.000	4000	0.044	0.175
	GRENADE, HAND, SMK, YELLOW	G945	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	2000	0.052	0.103
	GRENADE, HAND, SMK, RED	G950	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	2000	0.052	0.103
	<u>MINES</u>														
	RIOT CNTRL, CS	K765	0.000	0	0.000	0.000	0	0.000	0.000	4000	0.000	0.001	0	0.000	0.000
	MINE AP M18A1WITH SHOCK TUBE	J007	0.000	433	0.182	0.079	402	0.209	0.084	0	0.000	0.000	0	0.000	0.000
	<u>SHOTGUN CARTRIDGES</u>														
	CTG, 12 GA WARNING MUNITION	LA51	1.570	188700	0.008	1.549	271000	0.008	2.271	131400	0.008	1.095	0	0.000	0.000
	CTG, 12 GA NO. 00	A011	0.000	365440	0.001	0.167	2300160	0.000	1.035	569920	0.000	0.256	160000	0.000	0.084
	CTG, 12 GA WARNING MUNITION	LA52	0.000	188355	0.008	1.559	247095	0.008	2.083	50000	0.008	0.419	0	0.000	0.000
	CTG, 12 GA NO. 9	A017	0.013	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000

CLASSIFICATION:		UNCLASSIFIED													
EXHIBIT P-5 COST ANALYSIS (CONTINUATION)			Weapon System										DATE		
APPROPRIATION/BUDGET ACTIVITY			ID Code		P-1 LINE ITEM NOMENCLATURE										
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1			033500		SMALL ARMS & LANDING PARTY AMMO										
					SUBHEAD NO. A1AH										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN MILLIONS OF DOLLARS												
			Prior Years	FY 2008		FY 2009			BASELINE FY 2010			OCO FY 2010			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AH101	CTG, 12 GA, FRANGIBLE	AA86	0.294	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CTG., 12 GA, RUBBER, FIN STAB	AA31	0.000	0	0.000	0.000	15000	0.004	0.056	0	0.000	0.000	0	0.000	0.000
	<u>SUPPLEMENTAL</u>														
	CTG, 9MM, FRANGIBLE	AA16	0.018	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CART, .50 CAL, MK 21L, APIT	AA06	20.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CTG, 12 GA, NO. 00	A011	0.262	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CTG, 12 GA WARNING MUNITION	LA52	1.582	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
AH350	MATCH AMMO		0.324	0	0.000	0.188	0	0.000	0.194	0	0.000	0.000	0	0.000	0.000
	<u>MATCH AMMO</u>														
	CTG, .45 CAL, BALL, M1911,M	AA53	0.220	300000	0.001	0.162	0	0.000	0.000	300000	0.001	0.168	0	0.000	0.000
	CTG.,45 CAL, BALL, M1911, M	A483	0.000	0	0.000	0.000	284000	0.001	0.165	0	0.000	0.000	0	0.000	0.000
	CTG, .22 CAL, BALL, LR, MATCH	A097	0.032	0	0.000	0.000	337000	0.000	0.034	167000	0.000	0.017	0	0.000	0.000
AH830	PRODUCTION ENGINEERING		3.162	0	0.000	1.249	0	0.000	0.898	0	0.000	1.300	0	0.000	0.000
AH893	RENOVATION COMPONENTS		0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	1.041	0	0.000	0.000
AH895	NON-STANDARD		0.180	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
GW1X1	<u>.50 CAL CARTRIDGES</u>														
	CTG, .50 CAL, MK 211, APIT, M	AA06	0.000	6359059	0.009	54.115	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CTG, .50 CAL, BLANK	A598	0.000	300000	0.001	0.321	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
GW1X1	<u>9MM CARTRIDGES</u>														
	CTG, 9MM, FRANGIBLE	AA16	0.000	6200000	0.000	1.736	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CTG, 9MM, BALL	A363	0.000	0	0.000	0.000	7531000	0.000	1.205	0	0.000	0.000	0	0.000	0.000

CLASSIFICATION:		UNCLASSIFIED													
EXHIBIT P-5 COST ANALYSIS (CONTINUATION)			Weapon System										DATE May 2009		
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1			ID Code 033500		P-1 LINE ITEM NOMENCLATURE SMALL ARMS & LANDING PARTY AMMO SUBHEAD NO. A1AH										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN MILLIONS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			BASELINE FY 2010			OCO FY 2010		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
GW1X1	<u>5.56MM CARTRIDGES</u>														
	CTG, 5.56MM BLANK	A080	0.000	2666666	0.000	0.489	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CTG, 5.56MM, FRANGIBLE	AA40	0.000	2788800	0.000	1.199	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
GW1X1	<u>7.62MM CARTRIDGES</u>														
	CTG, 7.62MM, BLANK	A111	0.000	787200	0.000	0.251	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CTG, 7.62MM, BALL, M80, LKD	A143	0.000	1977448	0.001	1.067	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CTG, 7.62MM, LKD	A165	0.000	6958500	0.001	3.827	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
GW1X1	<u>SMALL ARMS AND LANDING PARTY AMMUNITION</u>														
	CTG, 0.38 CAL BLANK	A403	0.000	200000	0.000	0.050	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CARTRIDGE, MK 308 MOD 0, .40	DWGX	0.000	100000	0.000	0.024	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CTG .40 CALS&W	DWGW	0.000	800000	0.000	0.200	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	TOTAL EQUIPMENT														
			91.624			108.341			46.201			43.490			14.229
TOTAL			91.624			108.341			46.201			43.490			14.229

CLASSIFICATION:					UNCLASSIFIED						
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING					Weapon System				DATE May 2009		
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE SMALL ARMS & LANDING PARTY AMMO BLIN: 0335				SUBHEAD A1AH		
COST ELEMENT FISCAL YEAR		Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAIL NOW	DATE REVISIONS AVAILABLE
FY 2008											
GW1X1											
GW1X1 .50 CAL CARTRIDGES											
CTG, .50 CAL, MK 211, APIT, M		359059	0.009	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL	MAY-08	APR-09	YES	
CTG, .50 CAL, BLANK		300000	0.001	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL	SEP-08	APR-09	YES	
GW1X1 5.56MM CARTRIDGES											
CTG, 5.56MM BLANK		666666	0.000	JMC ROCK ISLAND	SEP-08	MIPR	UNKNOWN	SEP-08	MAR-09	YES	
CTG, 5.56MM, FRANGIBLE		788800	0.000	NSWC CRANE	OCT-07	MIPR	OLIN WINCHESTER	MAY-09	JUN-10	YES	
GW1X1 7.62MM CARTRIDGES											
CTG, 7.62MM, BLANK		787200	0.000	JMC ROCK ISLAND	SEP-08	MIPR	ALLIANT LAKE CITY SMALL	NOV-08	DEC-09	YES	
CTG, 7.62MM, BALL, M80, LKD		977448	0.001	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL	JUN-09	JUL-10	YES	
CTG, 7.62MM, LKD		958500	0.001	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL C	NOV-08	DEC-09	YES	
GW1X1 SMALL ARMS AND LANDING PARTY											
CTG, 0.38 CAL BLANK		200000	0.000	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JUN-09	APR-10	YES	
CARTRIDGE, MK 308 MOD 0, .40		100000	0.000	NSWC CRANE	OCT-07	CONTRACT	FEDERAL CARTRIDGE CO	JUN-08	NOV-08	YES	
CTG .40 CALS&W		800000	0.000	NSWC CRANE	OCT-07	CONTRACT	FEDERAL CARTRIDGE CO	JUN-08	JUL-08	YES	
CTG, 9MM, FRANGIBLE		200000	0.000	JMC ROCK ISLAND	OCT-07	MIPR	OLIN WINCHESTER	MAR-09	JAN-10	YES	
AH100 .50 CAL CARTRIDGES											
CTG, 50 CAL, LKD, BALL		542000	0.002	JMC ROCK ISLAND	OCT-07	MIPR	MULTIPLE CONTRACTORS	MAR-08	MAY-08	YES	
CTG, .50 CAL, LKD & TRACER		767000	0.003	JMC ROCK ISLAND	OCT-07	MIPR	MULTIPLE CONTRACTORS	MAR-08	DEC-08	YES	
CTG, .50 LINKED		600000	0.003	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL C	MAR-08	MAR-09	YES	
CTG, 50 211-0		7920	0.008	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL C	MAR-08	NOV-08	YES	
CTG, 50 CAL		254020	0.009	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL	MAY-08	AUG-09	YES	
AH100 5.56MM CARTRIDGES											
CTG, 5.56MM M855		864960	0.000	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL C	MAR-08	DEC-08	YES	
CTG, CAL 5.56MM, FRANGIBLE		881600	0.000	NSWC CRANE	OCT-07	CONTRACT	OLIN WINCHESTER	AUG-08	MAR-09	YES	
AH100 7.62MM CARTRIDGES											

CLASSIFICATION:					UNCLASSIFIED						
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING (CONTINUATION)					Weapon System				DATE May 2009		
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE SMALL ARMS & LANDING PARTY AMMO BLIN: 0335				SUBHEAD A1AH		
COST ELEMENT FISCAL YEAR	Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAIL NOW	DATE REVISIONS AVAILABLE	
CTG, 7.62MM, BLNK	000000	0.000	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL	SEP-07	AUG-09	YES		
CTG, 7.62MM, LKD, BALL AND TR	0000000	0.001	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL	APR-08	NOV-09	YES		
CTG, 7.62MM, BALL, M80, LKD	0000000	0.001	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL	APR-08	DEC-08	YES		
CTG, 7.62MM, LKD	0000000	0.001	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL C	MAR-08	DEC-08	YES		
CTG, 7.62MM	176000	0.001	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL	MAR-08	MAY-09	YES		
CTG., 7.62MM	100000	0.002	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL	SEP-08	MAR-09	YES		
CTG,7.62MM, LKD 9 AP TO 1 DI	100500	0.002	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL	SEP-08	FEB-08	YES		
CTG, 7.62MM, LKD, 9 AP TO 1	201000	0.002	JMC ROCK ISLAND	OCT-07	MIPR	ALLIANT LAKE CITY SMALL	SEP-08	MAR-09	YES		
CTG, 7.62MM, SHORT RANGE TRAINING	140000	0.001	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	DEC-09	JAN-11	YES		
AH100 9MM CARTRIDGES											
CTG, 9MM, BALL	832000	0.000	JMC ROCK ISLAND	OCT-07	MIPR	OLIN WINCHESTER	MAR-08	JUN-09	YES		
CTG, 9MM, FX, MARKING, RED	400000	0.001	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	MAR-09	MAR-10	YES		
CTG, 9MM, FRANGIBLE	283600	0.000	NSWC CRANE	OCT-07	CONTRACT	OLIN WINCHESTER	MAR-09	JAN-10	YES		
CTG, 9MM, FX, MARKING, BLUE	400000	0.001	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	DEC-08	NOV-09	YES		
AH100 GRENADES											
FUZE, DELAY M228	10080	0.004	JMC ROCK ISLAND	OCT-07	MIPR	MARTIN ELECTRONICS	APR-08	APR-10	YES		
AH100 MINES											
MINE AP M18A1WITH SHOCK TUBE	433	0.182	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	MAR-08	JUN-09	YES		
AH100 SHOTGUN CARTRIDGES											
CTG, 12 GA NO. 00	365440	0.001	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	NOV-08	MAR-09	YES		
CTG, 12 GA WARNING MUNITION	188700	0.008	NSWC CRANE	OCT-07	CONTRACT	COMBINED SYSTEMS INC.	MAR-08	SEP-08	YES		
CTG, 12 GA WARNING MUNITION	188355	0.008	NSWC CRANE	OCT-07	CONTRACT	COMBINED SYSTEMS INC.	MAR-08	SEP-08	YES		
AH350 MATCH AMMO											
CTG, .45 CAL, BALL, M1911,M	300000	0.001	NSWC CRANE	OCT-07	CONTRACT	BLACK HILLS AMMUNITION	SEP-08	MAY-09	YES		
FY 2009											
GW1X1 5.56MM CARTRIDGES											
CTG, 9MM, BALL	531000	0.000	JMC ROCK ISLAND	OCT-08	MIPR	LAKE CITY	JUN-09	JUN-10	YES		
AH100 .50 CAL CARTRIDGES											

CLASSIFICATION:				UNCLASSIFIED							
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING (CONTINUATION)					Weapon System				DATE May 2009		
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE SMALL ARMS & LANDING PARTY AMMO BLIN: 0335				SUBHEAD A1AH		
COST ELEMENT FISCAL YEAR	Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAIL NOW	DATE REVISIONS AVAILABLE	
CTG, 50 CAL, LKD, BALL	485000	0.003	JMC ROCK ISLAND	OCT-08	MIPR	ALLIANT LAKE CITY SMALL	MAR-09	DEC-09	YES		
CTG, .50 CAL, LKD & TRACER	723800	0.002	JMC ROCK ISLAND	OCT-08	MIPR	ALLIANT LAKE CITY SMALL	MAR-09	DEC-09	YES		
CTG, 50 211-0	7920	0.010	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	DEC-09	YES		
CTG, 50 CAL, MK 211, APIT, M	841550	0.008	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	DEC-09	YES		
CTG, 50 CAL	100000	0.008	JMC ROCK ISLAND	OCT-08	MIPR	ALLIANT LAKE CITY SMALL	MAR-09	DEC-09	YES		
AH100 5.56MM CARTRIDGES											
CTG, 5.56MM M855	500400	0.000	JMC ROCK ISLAND	OCT-08	MPIR	ALLIANT LAKE CITY SMALL	MAR-09	DEC-09	YES		
CTG, 5.56MM, SRTR AMMO	440000	0.000	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JUN-09	APR-20	YES		
AH100 7.62MM CARTRIDGES											
CTG, 7.62MM, BLNK	394400	0.000	JMC ROCK ISLAND	OCT-08	MIPR	ALLIANT LAKE CITY SMALL	MAR-09	DEC-09	YES		
CTG, 7.62MM, LKD, BALL AND TR	800000	0.001	JMC ROCK ISLAND	OCT-08	MIPR	ALLIANT LAKE CITY SMALL	MAR-09	DEC-09	YES		
CTG, 7.62MM, BALL, M80, LKD	900000	0.001	JMC ROCK ISLAND	OCT-08	MIPR	ALLIANT LAKE CITY SMALL	MAR-09	DEC-09	YES		
CTG, 7.62MM, LKD	499500	0.001	JMC ROCK ISLAND	OCT-08	MIPR	ALLIANT LAKE CITY SMALL	MAR-09	DEC-09	YES		
CARTR, 7.62MM	100000	0.001	JMC ROCK ISLAND	OCT-08	MIPR	ALLIANT LAKE CITY SMALL	MAR-09	DEC-09	YES		
CTG, 7.62MM, LKD 9 AP TO 1 DI	100500	0.002	JMC ROCK ISLAND	OCT-08	MIPR	ALLIANT LAKE CITY SMALL	MAR-09	MAR-10	YES		
CTG, 7.62MM, LKD, 9 AP TO 1	201000	0.002	JMC ROCK ISLAND	OCT-08	MIPR	ALLIANT LAKE CITY SMALL	MAR-09	MAR-10	YES		
CTG, 7.62MM, SHORT RANGE TRAINING	120000	0.001	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN			YES		
AH100 9MM CARTRIDGES											
CTG, 9MM, SUBSONI	600000	0.001	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	JUL-09	YES		
CTG, 9MM, BALL	324000	0.000	JMC ROCK ISLAND	OCT-08	MIPR	OLIN WINCHESTER	MAR-09	SEP-09	YES		
CTG, 9MM, FX, MARKING, RED	800000	0.001	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAR-09	MAR-10	YES		
CTG, 9MM, FRANGIBLE	650300	0.000	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAY-09	APR-10	YES		
CTG, 9MM, FX, MARKING, BLUE	400000	0.001	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	MAR-09	MAR-10	YES		
AH100 GRENADES											
FUZE, DELAY M228	10080	0.000	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	MAR-09	MAR-10	YES		
GRENADE, HND, SMK, GREEN	10000	0.044	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	OCT-09	JUN-10	YES		
GRENADE, HND, SMK, VIOLET	8000	0.044	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-10	SEP-11	YES		
AH100 MINES											
MINE AP M18A1WITH SHOCK TUBE	402	0.209	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	APR-10	YES		

CLASSIFICATION:				UNCLASSIFIED							
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING (CONTINUATION)					Weapon System				DATE May 2009		
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE SMALL ARMS & LANDING PARTY AMMO BLIN: 0335				SUBHEAD A1AH		
COST ELEMENT FISCAL YEAR	Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAIL NOW	DATE REVISIONS AVAILABLE	
AH100 SHOTGUN CARTRIDGES											
CTG, 12 GA NO. 00	2300160	0.000	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JAN-09	JUL-09	YES		
CTG., 12 GA, RUBBER, FIN STAB	15000	0.004	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	JUN-09	DEC-09	YES		
CTG, 12 GA WARNING MUNITION	271000	0.008	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	JUN-09	DEC-09			
CTG, 12 GA WARNING MUNITION	247095	0.008	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	JUN-09	DEC-09	YES		
AH350 MATCH AMMO											
CTG, .22 CAL, BALL, LR, MATCH	337000	0.000	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	JUN-09	MAR-10	YES		
CTG.,45 CAL, BALL, M1911, M	284000	0.001	IOC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JUN-09	MAR-10	YES		
FY 2010											
OCO											
CTG. 12 GA, NO.11	184900	0.000	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		
CTG, 9MM, BALL	2160000	0.000	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	MAR-11	YES		
OCO .50 CAL CARTRIDGES											
CTG, .50 CAL, MK 211, APIT, M	378000	0.010	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		
CTG, .50 CAL, LINKED	733600	0.004	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		
CTG, .50 CAL, LKD & TRACER	743600	0.003	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		
OCO GRENADES											
GRENADE, HAND, SMK, GREEN	2000	0.050	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		
GRENADE, HAND, SMK, YELLOW	2000	0.052	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		
GRENADE, HAND, SMK, RED	2000	0.052	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		
GRENADE, HAND, SMK, VIOLET	4000	0.044	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		
OCO 5.56MM CARTRIDGES											
CTG, 5.56MM, M855	399840	0.000	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		
CTG, 5.56MM, LKD 4 BALL/1 TR	900480	0.001	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		
CTG, 5.56MM BLANK	551760	0.000	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		
CTG, 5.56MM, FRANGIBLE	300000	0.000	NSWC CRANE	DEC-07	MIPR	OLIN WINCHESTER	DEC-09	MAR-11	YES		
OCO 7.62MM CARTRIDGES											
CTG, 7.62MM, BLANK	832800	0.000	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		
CTG, 7.62MM, LKD, BALL AND TR	240800	0.001	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11			
CTG, 7.62MM, LKD	2455500	0.001	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		
CTG, 7.62MM, LKD, DKIM TRACER	417000	0.006	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	FEB-10	DEC-11	YES		

CLASSIFICATION:					UNCLASSIFIED					
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING (CONTINUATION)					Weapon System				DATE May 2009	
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE SMALL ARMS & LANDING PARTY AMMO BLIN: 0335				SUBHEAD A1AH	
COST ELEMENT FISCAL YEAR	Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAIL NOW	DATE REVISIONS AVAILABLE
AH100 .50 CAL CARTRIDGES										
CTG, 50 CAL, LKD, BALL	678800	0.003	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	OCT-10		JUL-09
CTG, .50 CAL, LKD & TRACER	250000	0.003	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	OCT-10		JUL-09
50 CAL BLANK	588000	0.001	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	OCT-10		JUL-09
CTG, 50 211-0	12960	0.011	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	OCT-10		JUL-09
CTG, 50 CAL, MK 211, APIT, M	875800	0.010	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	FEB-11		JUL-09
AH100 5.56MM CARTRIDGES										
CTG, 5.56MM M855	134960	0.000	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	OCT-10		JUL-09
CTG., 5.56MM, LKD 4 BALL/1 TR	825600	0.001	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	OCT-10		JUL-09
CTG., 5.56MM, BLANK	979040	0.000	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	OCT-10		JUL-09
CTG, CAL 5.56MM, FRANGIBLE	714880	0.000	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	JAN-10	OCT-10		JUL-09
CTG, 5.56MM, SRTR AMMO	440000	0.000	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	OCT-10		JUL-09
AH100 7.62MM CARTRIDGES										
CTG, 7.62MM, BLNK	513600	0.001	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	OCT-10		JUL-09
CTG, 7.62MM, LKD, BALL AND TR	800000	0.001	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	OCT-10		JUL-09
CTG, 7.62MM, BALL, M80, LKD	300000	0.001	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	OCT-10		JUL-09
CTG, 7.62MM, LKD	776500	0.001	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	OCT-10		JUL-09
CARTR, 7.62MM	200000	0.001	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	OCT-10		JUL-09
AH100 9MM CARTRIDGES										
CTG, 9MM, BALL	232000	0.000	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	JUL-10		JUL-09
CTG, 9MM, FX, MARKING, RED	283000	0.001	MARINE CORP	OCT-09	CONTRACT	UNKNOWN	JAN-10	DEC-10		JUL-09
CTG, 9MM, FRANGIBLE	891000	0.000	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	MAR-10	MAR-11		JUL-09
CTG, 9MM, FX, MARKING, BLUE	200000	0.001	MARNE CORP	OCT-09	CONTRACT	UNKNOWN	JAN-10	DEC-10		JUL-09
AH100 GRENADES										
FUZE, DELAY M228	6120	0.005	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	MAR-11		JUL-09
AH100 MINES										
RIOT CNTRL, CS	4000	0.000	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	JAN-11		JUL-09

CLASSIFICATION:				UNCLASSIFIED						
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING (CONTINUATION)					Weapon System				DATE May 2009	
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE SMALL ARMS & LANDING PARTY AMMO BLIN: 0335				SUBHEAD A1AH	
COST ELEMENT FISCAL YEAR	Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAIL NOW	DATE REVISIONS AVAILABLE
AH100 SHOTGUN CARTRIDGES										
CTG, 12 GA NO. 00	569920	0.000	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	JAN-10	JUL-10		JUL-09
CTG, 12 GA WARNING MUNITION	131400	0.008	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	JAN-10	OCT-10		JUL-09
CTG, 12 GA WARNING MUNITION	50000	0.008	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	JAN-10	OCT-10		JUL-09
AH350 MATCH AMMO										
CTG, .22 CAL, BALL, LR, MATCH	167000	0.000	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	MAR-10	MAR-11		JUL-09
CTG, .45 CAL, BALL, M1911,M	300000	0.001	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	MAR-11	MAR-12		JUL-09
Remarks:										

CLASSIFICATION:		UNCLASSIFIED																														
EXHIBIT P-21, PRODUCTION SCHEDULE																	DATE: May 2009															
APPROPRIATION/BUDGET ACTIVITY															Weapon System					P-1 LINE ITEM NOMENCLATURE												
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1																				SMALL ARMS & LANDING PARTY AMMO BLI: 0335												
																	Production Rate			Procurement Leadtimes												
Item		Manufacturer's Name and Location					MSR	ECON	MAX	ALT Prior to Oct 1		ALT After Oct 1		Initial Mfg PLT		Reorder Mfg PLT		Total	Unit of Measure													
CTG, .50 CAL, LKD & TRACER		MULTIPLE CONTRACTORS					0	0	0	0		4		21		21		25														
CTG, 50 CAL, MK 211, APIT, M		UNKNOWN					0	0	0	0		6		23		21		27														
ITEM		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2008												FISCAL YEAR 2009												B A L	
							CY 2007					CALENDAR YEAR 2008										CALENDAR YEAR 2009										
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
CTG, .50 CAL, LKD & TRACER		2008	N	3767	0	3767															3767											0
CTG, .50 CAL, LKD & TRACER		2010	N	3250	0	3250																										3250
CTG, .50 CAL, LKD & TRACER		2011	N	3100	0	3100																										3100
CTG, 50 CAL, MK 211, APIT, M		2008	N	6370	0	6370																					6370					0
CTG, 50 CAL, MK 211, APIT, M		2009	N	1720	0	1720																										1720
CTG, 50 CAL, MK 211, APIT, M		2010	N	882	0	882																										882
CTG, 50 CAL, MK 211, APIT, M		2011	N	1213	0	1213																										1213
ITEM		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2010												FISCAL YEAR 2009												B A L	
							CY 2009					CALENDAR YEAR 2010										CALENDAR YEAR 2009										
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
CTG, .50 CAL, LKD & TRACER		2010	N	3250	0	3250																										0
CTG, .50 CAL, LKD & TRACER		2011	N	3100	0	3100																										3100
CTG, 50 CAL, MK 211, APIT, M		2009	N	1720	0	1720																						1720				0
CTG, 50 CAL, MK 211, APIT, M		2010	N	882	0	882																										0
CTG, 50 CAL, MK 211, APIT, M		2011	N	1213	0	1213																										1213

Remarks:
FY08 - CART, 50 CAL, MK211, APIT, M QUANTITY IS 6.370M TO BE DELIVERED JUNE 2009
FY09 - CART, 50 CAL, MK211, APIT, M QUANTITY IS 1.720M TO BE DELIVERED FEBRUARY 2010
FY10 - CART, 50 CAL, MK211, APIT, M QUANTITY IS 882K TO BE DELIVERED FEBRUARY 2011
FY08 - CART, .50 CAL, LKD & TRACER QUANTITY IS 3.767M TO BE DELIVERED DECEMBER 2008
FY10 - CART, .50 CAL, LKD & TRACER QUANTITY IS 3.250M TO BE DELIVERED OCTOBER 2010

CLASSIFICATION:		UNCLASSIFIED										
Exhibit P-40, BUDGET ITEM JUSTIFICATION										DATE May 2009		
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1						P-1 LINE ITEM NOMENCLATURE PYROTECHNIC AND DEMOLITION SUBHEAD NO. A1AJ BLI: 0340						
Program Element for Code B Items SUBHEAD NO. A1AJ						Other Related Program Elements						
	Prior Years	ID Code		FY 2008	FY 2009	Baseline FY 2010	OCO FY 2010	Total FY 2010				
Quantity						0	0	0				
COST (In Millions)				11.1	10.7	10.7	1.4	12.1				
PROGRAM DESCRIPTION/JUSTIFICATION:												
<p>This program provides pyrotechnics and demolition materials for all active naval vessels, amphibious and mobile construction battalions, mobile diving and salvage units, cargo handling and port groups, naval security groups, fleet composite operational readiness groups (formerly beachjumper unit (BJU's)) and explosive ordnance disposal groups/mobile units/detachments/teams. This program also provides materials to support the ship shock test program.</p> <p>Pyrotechnics are required to support the surface, air, ground, and underwater Navy requirements. These items consist of illumination, signalling, identification, and location devices using flare or smoke as the primary signalling agent. Pyrotechnics are used for training, combat exercises, submarine rescue and personnel search and rescue operations. Demolitions consist of explosive devices and accessories and are required for fleet units to perform training functions and operations/requirements. Fleet requirements are based upon CNO approved allowance lists for special needs on a case by case basis and worldwide fleet expenditure.</p> <p>AJ100 - PROCUREMENT The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items. FY09 costs will be adjusted during the year of execution.</p> <p>GW1X1 - OVERSEAS CONTIGENCY OPERATIONS (OCO) Ammunition being procured with OCO dollars.</p> <p>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.</p> <p>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,</p>												

CLASSIFICATION:	UNCLASSIFIED		
Exhibit P-40, BUDGET ITEM JUSTIFICATION (CONTINUATION)			DATE May 2009
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1	P-1 LINE ITEM NOMENCLATURE PYROTECHNIC AND DEMOLITION SUBHEAD NO. A1AJ BLI: 0340		
<p>progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.</p> <p>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.</p> <p>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.</p> <p>AJ895 - 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.</p> <p>AJ101 - SUPPLEMENTAL Ammunition being procured with supplemental dollars.</p>			

CLASSIFICATION:		UNCLASSIFIED													
EXHIBIT P-5 COST ANALYSIS				Weapon System									DATE		
APPROPRIATION/BUDGET ACTIVITY				ID Code		P-1 LINE ITEM NOMENCLATURE									
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1				034000		PYROTECHNIC AND DEMOLITION									
						SUBHEAD NO. A1AJ									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN MILLIONS OF DOLLARS												
			Prior Years	FY 2008		FY 2009			Baseline FY 2010			OCO FY 2010			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<u>EQUIPMENT</u> <u>ALL SPONSORS</u>														
AJ100	PYROTECHNIC AND DEMOLITION MAT TRANSPORTATION ACCT CODE		0.000	0	0.000	0.180	0	0.000	0.000	0	0.000	0.200	0	0.000	0.000
AJ101	<u>SUPPLEMENTAL</u> NON-EL DET W/IN-LINE INITIATION	MN52	0.274	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
GW1X1	<u>DET CORDS, CAPS & FUZES</u> NON-EL DET W/IN-LINE INITIATOR	MN52	0.000	1648	0.074	0.122		0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CHG, ASSY, DML, M183/37	M757	0.000	0	0.000	0.000	541	0.649	0.351	0	0.000	0.000	0	0.000	0.000
	SIGNAL, SMK, MK 2, RED RKT	L201	0.000		0.000	0.000	0	0.000	0.000	0	0.000	0.000	933	0.090	0.084
	CHG, DML, BLK, COMP C-4, 1.25/2.5LB	M023	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	15000	0.036	0.532
	CHG, DML, TNT, 1 LB	M032	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	4800	0.013	0.063
	FIRING DEVICE BASE COUPLING, MK66 MOD	DWHB	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	400	0.565	0.226
	CORD, DETONATING, PRIMACORD, PETN	M456	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	500000	0.001	0.245
	IGNITER, TIME BLASTING FUZE M81	MN08	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	50000	0.006	0.292
	ALL SPONSORS Subtotal		0.274			0.302			0.351			0.200			1.442
	<u>WARFARE</u>														
AJ100	PE/QA SMCA		1.155	0	0.000	0.360	0	0.000	0.342	0	0.000	0.434	0	0.000	0.000
	<u>CUTTERS & CARTRIDGES</u> CTG, IMPULSE, MK 148	M663	0.112	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CARTRIDGE ASSEMBLY	MC91	0.140	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	SWITCH, SQUIB ACTUATED, MK 11	M853	0.000	100	0.400	0.040	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	Total Equipment					0.702			0.693			0.634			1.442

CLASSIFICATION:		UNCLASSIFIED														
EXHIBIT P-5 COST ANALYSIS (CONTINUATION)				Weapon System									DATE			
APPROPRIATION/BUDGET ACTIVITY				ID Code		P-1 LINE ITEM NOMENCLATURE										
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1				034000		PYROTECHNIC AND DEMOLITION										
						SUBHEAD NO. A1AJ										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN MILLIONS OF DOLLARS											OCO FY 2010		
			Prior Years	FY 2008		FY 2009			Baseline FY 2010			OCO FY 2010				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
	CTG, IMPULSE, MK 235	MW97	0.000	98	3.204	0.314	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	
	TITANIUM DISRUPTER CANNON	ST02	0.144	45	1.067	0.048	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	
	"POPPER" BLANK CARTRIGES	AA64	0.000	0	0.000	0.000	0	0.000	0.000	5500	0.001	0.007	0	0.000	0.000	
	MK278 BLACK POWDER BLANK	AA66	0.000	0	0.000	0.000	0	0.000	0.000	5500	0.002	0.008	0	0.000	0.000	
	BOLT, EXPL, MK5/0	M254	0.504	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	
	CTG, 50 CAL BLANK, ELEC, MK20	SS01	0.000	0	0.000	0.000	14840	0.050	0.734	0	0.000	0.000	0	0.000	0.000	
	<u>DET CORDS, CAPS & FUZES</u>														0.000	
	SQUIB, ELECTRONIC, MK 20 MOD 1	JM94	0.000	0	0.000	0.000	0	0.000	0.000	11000	0.043	0.477	0	0.000	0.000	
	EOD REFILL KIT - LMNS	DWGJ	0.000	0	0.000	0.000	400	0.418	0.167	0	0.000	0.000	0	0.000	0.000	
	FIRING DEVICE BASE COUPLING	DWHB	0.000	714	0.679	0.485	0	0.000	0.000	874	0.565	0.494	0	0.000	0.000	
	DETONATOR, NON-ELEC, MK 121	MP17	0.000	3020	0.111	0.335	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	
	FIRING DEVICE DEMO MK67	MP19	0.000	38	22.711	0.863	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	
	FIRING DEVICE, ACOUSTIC MK 5	MP23	0.000	714	1.689	1.206	0	0.000	0.000	874	1.442	1.260	0	0.000	0.000	
	CAP, BLASTING, NON-ELEC, M7	M131	0.000	0	0.000	0.000	10000	0.013	0.128	0	0.000	0.000	0	0.000	0.000	
	CORD, DETONATING, PRIMACORD	M456	0.000	0	0.000	0.000	0	0.000	0.000	1000000	0.001	0.490	0	0.000	0.000	
	FUZE, BLASTING, TIME	M670	0.000	0	0.000	0.000	0	0.000	0.000	500000	0.000	0.170	0	0.000	0.000	
	DETONATOR, NON-ELEC, MK 121	MM58	1.116	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	
	ACCESSORY KIT, MK 34 MOD 0	DWGL	0.390	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	
	BREECH PLUG ASSEMBLY, TITANIUM	DWFL	0.186	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	
	CAP, BLASTING, ELEC, INERT	MP16	0.000	6000	0.008	0.049	0	0.000	0.000	6000	0.021	0.123	0	0.000	0.000	
	IGNITIER, TIME BLASTING FUZE	MN08	0.000	50100	0.007	0.330	0	0.000	0.000	50100	0.006	0.293	0	0.000	0.000	
	CAP, BLASTING, NON-ELEC, INER	M097	0.000	0	0.000	0.000	40000	0.006	0.234	0	0.000	0.000	0	0.000	0.000	
	CORD, DETONATING, REINFORCED	M458	0.000	0	0.000	0.000	12000	0.001	0.011	0	0.000	0.000	0	0.000	0.000	
	NON-EL DET W/IN-LINE INITIATO	MN52	0.248	864	0.074	0.064	4000	0.076	0.303	0	0.000	0.000	0	0.000	0.000	
	DET, NON-EL, 500' DUAL, MK 15	MN54	0.000	0	0.000	0.000	4000	0.184	0.737	0	0.000	0.000	0	0.000	0.000	
	CONNECTOR, DET CORD, PLASTIC	MW49	0.000	0	0.000	0.000	30000	0.001	0.014	0	0.000	0.000	0	0.000	0.000	
	REMOTE FIRING DEVICE, MK 64 MOD	DWFD	0.590	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	
	Sub-Total Equipment					3.694			2.328			3.322			0.000	

CLASSIFICATION:		UNCLASSIFIED													
EXHIBIT P-5 COST ANALYSIS (CONTINUATION)		Weapon System											DATE May 2009		
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1		ID Code 034000		P-1 LINE ITEM NOMENCLATURE PYROTECHNIC AND DEMOLITION SUBHEAD NO. A1AJ											
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN MILLIONS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			Baseline FY 2010			OCO FY 2010		
			Total Cost	Quantity	Unit Cost	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	0.688	0	0.000	0.000	7134	0.046	0.328	0	0.000	0.000	0	0.000	0.000
	RADIO FIRING DEVICE (RFD) MK 186	ML06	2.097	0	0.000	0.000	36	23.194	0.835	0	0.000	0.000	0	0.000	0.000
	SQUIB, ELECTRIC, MK20	MG61	0.689	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	DET, NON-EL, 50' DUAL, MK 153	MN51	0.000	0	0.000	0.000	4000	0.061	0.245	0	0.000	0.000	0	0.000	0.000
	FIRING DEVICE, MK 62	MN81	4.011	0	0.000	0.000	1920	0.925	1.776	0	0.000	0.000	0	0.000	0.000
	<u>MINE CHARGES & CHARGE CUTTERS</u>														
	CHG, DML, BLK, COMP C-4, 1.25	M023	0.000	24000	0.017	0.411	0	0.000	0.000	17790	0.036	0.631	0	0.000	0.000
	CHG, DML, BLK, M118, PETN, 2LB	M024	0.267	4000	0.053	0.210	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	CHG, ASSY, DML, M183/37	M757	0.980	0	0.000	0.000	1990	0.649	1.291	0	0.000	0.000	0	0.000	0.000
	MK 147 BATTERY	CWBD	0.000	0	0.000	0.000	0	0.000	0.000	300	0.070	0.021	0	0.000	0.000
	DEMO CHG, MK 36/1, INERT	MP01	0.047	0	0.000	0.000	0	0.000	0.000	25	4.920	0.123	0	0.000	0.000
	CHG, DML, TNT, 1 LB	M032	0.000	21312	0.011	0.230	0	0.000	0.000	4992	0.013	0.065	0	0.000	0.000
	CANINE EXPLOSIVE KIT, PART A	MN76	0.000	0	0.000	0.000	0	0.000	0.000	50	0.160	0.008	0	0.000	0.000
	CANINE EXPLOSIVE KIT, PART B	MN77	0.000	0	0.000	0.000	0	0.000	0.000	200	0.205	0.041	0	0.000	0.000
	<u>SHOCK TEST CHARGES</u>														
	CHARGE, SHOCK TEST, 60 LB	XW65	1.275	611	1.288	0.787	575	1.344	0.773	500	1.514	0.757	0	0.000	0.000
	<u>SIGNALS</u>														
	SIG, SMK ILLUM, MAR, MK124/13, DISTRESS L283	L283	2.318	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	SIG, SMK ILLUM, MAR, MK 117	LA26	0.080	0	0.000	0.000	0	0.000	0.000	139	1.626	0.226	0	0.000	0.000
	SIGNAL, SMK, MK 2, RED RKT	L201	0.000	0	0.000	0.000	0	0.000	0.000	7272	0.090	0.656	0	0.000	0.000
	MARKER, LOCATION, SUB, MK 120	L259	0.000	0	0.000	0.000	0	0.000	0.000	600	1.093	0.656	0	0.000	0.000
	SIG KIT MK 189 MOD 0	L564	0.103	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	MARKER, LOCATION, SUB, MK 140	LA28	0.592	0	0.000	0.000	0	0.000	0.000	479	1.115	0.534	0	0.000	0.000
	SIG, SMK ILLUM, MAR, MK 144/11	LA27	0.000	1151	1.303	1.500	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	Equipment Sub-Total					3.138			5.248			3.718			0.000

CLASSIFICATION:		UNCLASSIFIED															
EXHIBIT P-5 COST ANALYSIS (CONTINUATION)				Weapon System									DATE				
APPROPRIATION/BUDGET ACTIVITY				ID Code		P-1 LINE ITEM NOMENCLATURE											
PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1				034000		PYROTECHNIC AND DEMOLITION											
						SUBHEAD NO. A1AJ											
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN MILLIONS OF DOLLARS														
			Prior Years	FY 2008			FY 2009			Baseline FY 2010			OCO FY 2010				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
	<u>TRAINING DEVICES</u>																
	SIM, PROJ, GROUND BURST	L594	0.000	0	0.000	0.000	8400	0.020	0.166	0	0.000	0.000	0	0.000	0.000		
	SIM, HAND GRENADE, M116	L601	0.057	0	0.000	0.000	7950	0.016	0.124	0	0.000	0.000	0	0.000	0.000		
	SIM, BOOBY TRAP, M118	L599	0.000	0	0.000	0.000	0	0.000	0.000	1500	0.025	0.037	0	0.000	0.000		
AJ830	PRODUCTION ENGINEERING		3.258	0	0.000	1.900	0	0.000	1.647	0	0.000	2.017	0	0.000	0.000		
AJ850	PRODUCT IMPROVEMENT		2.197	0	0.000	1.519	0	0.000	0.440	0	0.000	0.709	0	0.000	0.000		
AJ893	RENOVATION COMPONENTS		0.199	0	0.000	0.104	0	0.000	0.106	0	0.000	0.152	0	0.000	0.000		
AJ894	GAUGE REQUIREMENTS		0.036	0	0.000	0.020	0	0.000	0.021	0	0.000	0.022	0	0.000	0.000		
AJ895	NON-STANDARD		0.011	0	0.000	0.011	0	0.000	0.011	0	0.000	0.012	0	0.000	0.000		
	WARFARE Subtotal		23.490			3.554			2.515			2.949					0.000
	TOTAL EQUIPMENT		23.764			11.088			10.784			10.623					1.442
	TOTAL		23.764			11.088			10.784			10.623					1.442

CLASSIFICATION:				UNCLASSIFIED						
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING					Weapon System				DATE May 2009	
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE PYROTECHNIC AND DEMOLITION BLIN: 0340				SUBHEAD A1AJ	
COST ELEMENT FISCAL YEAR	Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAIL NOW	DATE REVISIONS AVAILABLE
FY 2008										
GW1X1 DET CORDS, CAPS & FUZES										
NON-EL DET W/IN-LINE INITIATOR	1648	0.074	NSWC CRANE	OCT-07	CONTRACT	STS	JUN-08	JUN-09	YES	
AJ100 CUTTERS & CARTRIDGES										
SWITCH, SQUIB ACTUATED, MK 11	100	0.400	INDIAN HEAD	OCT-07	CONTRACT	UNKNOWN	JUL-09	JUL-10	YES	
CTG, IMPULSE, MK 235	98	3.204	INDIAN HEAD	OCT-07	CONTRACT	UNIVERSAL PROPULSION	DEC-08	NOV-09	YES	
TITANIUM DISRUPTER CANNON	45	1.067	NSWC CRANE	OCT-07	CONTRACT	NORTHSIDE MACHINE	JUN-08	FEB-09	YES	
AJ100 DET CORDS, CAPS & FUZES										
FIRING DEVICE BASE COUPLING	714	0.679	NSWC	OCT-07	CONTRACT	UNKNOWN	JUL-09	JUL-10	YES	
IGNITIER, TIME BLASTING FUZE	50100	0.007	JMC ROCK ISLAND	OCT-07	MIPR	MAST TECHNOLOGY INC.	APR-08	FEB-09	YES	
NON-EL DET W/IN-LINE INITIATO	864	0.074	NSWC CRANE	OCT-07	CONTRACT	SHOCK TUBE SYSTEMS	JUN-08	APR-09	YES	
CAP, BLASTING, ELEC, INERT	6000	0.008	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	JUL-09	JUL-09	YES	
DETONATOR, NON-ELEC, MK 121	3020	0.111	NSWC CRANE	OCT-07	CONTRACT	ENSIGN BICKFORD SIMSBU	AUG-08	MAY-09	YES	
FIRING DEVICE DEMO MK67	38	22.711	NSWC CRANE	OCT-07	CONTRACT	ROTHENBUHLER ENG	MAR-09	APR-10	YES	
FIRING DEVICE, ACOUSTIC MK 5	714	1.689	NSWC CRANE	OCT-07	CONTRACT	UNKNOWN	SEP-08	SEP-09	YES	
AJ100 MINE CHARGES & CHARGE CUTTERS										
CHG, DML, BLK, COMP C-4, 1.25	24000	0.017	JMC ROCK ISLAND	OCT-07	MIPR	AMERICAN ORDINANCE LLC	OCT-08	FEB-10	YES	
CHG, DML, BLK, M118, PETN, 2LB	4000	0.053	JMC ROCK ISLAND	OCT-07	MIPR	UNKNOWN	JUL-09	JUL-10	YES	
CHG, DML, TNT, 1 LB	21312	0.011	IOC ROCK ISLAND	OCT-07	MIPR	SPECTRA TECHNOLOGIES	MAR-08	NOV-08	YES	
AJ100 SHOCK TEST CHARGES										
CHARGE, SHOCK TEST, 60 LB	611	1.288	JMC ROCK ISLAND	OCT-07	MIPR	NSWC INDIAN HEAD	MAR-09	AUG-09	YES	
AJ100 SIGNALS										
SIG, SMK ILLUM, MAR, MK 144/11	1151	1.303	NSWC CRANE	OCT-07	CONTRACT	CRANE AAA	JUN-09	JUN-10	YES	
FY 2009										
GW1X1 DET CORDS, CAPS & FUZES										
CHG, ASSY, DML, M183/37	541	0.649	JMC ROCK ISLAND	OCT-08	MIPR	CRANE AAA	FEB-09	JUN-10		JUL-08
AJ100 CUTTERS & CARTRIDGES										

CLASSIFICATION:					UNCLASSIFIED					
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING (CONTINUATION)					Weapon System				DATE May 2009	
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE PYROTECHNIC AND DEMOLITION BLIN: 0340				SUBHEAD A1AJ	
COST ELEMENT FISCAL YEAR	Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAIL NOW	DATE REVISIONS AVAILABLE
CTG, 50 CAL BLANK, ELEC, MK20 AJ100 DET CORDS, CAPS & FUZES	14840	0.050	NSWC CRANE	JUN-09	CONTRACT	CRANE AAA	OCT-09	APR-11		JUN-09
CAP, BLASTING, ELECTRIC, MK 17 MOD 1	7134	0.046	NSWC CRANE	OCT-08	CONTRACT	STRESAU LABORATORY	JAN-10	JAN-11	YES	
EOD REFILL KIT - LMNS	400	0.418	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	JUN-09	JUN-10	YES	
CAP, BLASTING, NON-ELEC, INER	40000	0.006	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JUN-09	JUN-10	YES	
CAP, BLASTING, NON-ELEC, M7	10000	0.013	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JUL-09	JUL-10	YES	
CORD, DETONATING, REINFORCED	12000	0.001	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JUL-09	JUL-10	YES	
RADIO FIRING DEVICE (RFD) MK 186	36	23.194	NSWC CRANE	OCT-08	CONTRACT	ROTHENBULER	MAY-09	MAY-10	YES	
DET, NON-EL, 50' DUAL, MK 153	4000	0.061	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	JUL-09	JUL-10	YES	
NON-EL DET W/IN-LINE INITIATO	4000	0.076	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	JUL-09	JUL-10	YES	
DET, NON-EL, 500' DUAL, MK 15	4000	0.184	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	JUL-09	JUL-10	YES	
FIRING DEVICE, MK 62	1920	0.925	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	SEP-09	SEP-10	YES	
CONNECTOR, DET CORD, PLASTIC	30000	0.001	NSWC CRANE	OCT-08	CONTRACT	UNKNOWN	JUN-09	DEC-09	YES	
AJ100 MINE CHARGES & CHARGE CUTTERS										
CHG, ASSY, DML, M183/37 AJ100 SHOCK TEST CHARGES	1990	0.649	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	JUL-09	JUL-10	YES	
CHARGE, SHOCK TEST, 60 LB AJ100 TRAINING DEVICES	575	1.344	JMC ROCK ISLAND	OCT-08	MIPR	NSWC INDIAN HEAD	JUL-09	DEC-09	YES	
SIM, PROJ, GROUND BURST	8400	0.020	JMC ROCK ISLAND	OCT-08	MIPR	PYROTECHNIQUE BY GRUCCI	MAR-09	MAR-10	YES	
SIM, HAND GRENADE, M116	7950	0.016	JMC ROCK ISLAND	OCT-08	MIPR	PYROTECHNIQUE BY GRUCCI	MAR-09	AUG-10	YES	
FY 2010										
GW1X1 DET CORDS, CAPS & FUZES										
FIRING DEVICE BASE COUPLING, MK66 MOD	400	0.565	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	SEP-11		JUL-09
SIGNAL, SMK, MK 2, RED RKT	933	0.090	NSWC CRANE	OCT-09	MIPR	UNKNOWN	JUN-10	DEC-11		JUL-09
CHG, DML, BLK, COMP C-4, 1.25/2.5LB	15000	0.036	JMC ROCK ISLAND	OCT-09	MIPR	MILAN, AAP	MAR-10	MAR-11		JUL-09
CHG, DML, TNT, 1 LB	4800	0.013	JMC ROCK ISLAND	APR-06	MIPR	SPECTRA, CAMDEN AR	SEP-06	MAR-11		JUL-09
CORD, DETONATING, PRIMACORD, PETN	500000	0.001	JMC ROCK ISLAND	OCT-08	MIPR	UNKNOWN	SEP-09	JAN-11		JUL-09
IGNITER, TIME BLASTING FUZE M81	50000	0.006	JMC ROCK ISLAND	OCT-06	MIPR	MAST TECH, LCAAP MO	JUN-07	MAR-11		JUL-09

CLASSIFICATION:					UNCLASSIFIED						
Exhibit P5A, PROCUREMENT HISTORY AND PLANNING (CONTINUATION)					Weapon System				DATE May 2009		
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1					P-1 LINE ITEM NOMENCLATURE PYROTECHNIC AND DEMOLITION BLIN: 0340				SUBHEAD A1AJ		
COST ELEMENT FISCAL YEAR	Quantity	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPEC AVAIL NOW	DATE REVISIONS AVAILABLE	
AJ100 CUTTERS & CARTRIDGES											
"POPPER" BLANK CARTRIGES	5500	0.001	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	DEC-10		JUL-09	
MK278 BLACK POWDER BLANK	5500	0.002	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	DEC-10		JUL-09	
AJ100 DET CORDS, CAPS & FUZES											
FIRING DEVICE BASE COUPLING	874	0.565	IOC ROCK ISLAND	OCT-09	CONTRACT	UNKNOWN	MAR-10	MAR-11		JUL-09	
SQUIB, ELECTRONIC, MK 20 MOD 1	11000	0.043	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	MAR-10	MAR-11		JUL-09	
CORD, DETONATING, PRIMACORD	000000	0.001	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAY-10	DEC-10		JUL-09	
FUZE, BLASTING, TIME	500000	0.000	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	JAN-11		JUL-09	
IGNITIER, TIME BLASTING FUZE	50100	0.006	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	JAN-11		JUL-09	
CAP, BLASTING, ELEC, INERT	6000	0.021	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	MAR-10	MAR-11		JUL-09	
FIRING DEVICE, ACOUSTIC MK 5	874	1.442	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	MAR-10	SEP-11	YES		
AJ100 MINE CHARGES & CHARGE CUTTERS											
MK 147 BATTERY	300	0.070	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	MAR-10	MAR-11		JUL-09	
CHG, DML, BLK, COMP C-4, 1.25	17790	0.036	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAY-10	MAY-11		JUL-09	
CHG, DML, TNT, 1 LB	4992	0.013	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	JAN-11		JUL-09	
CANINE EXPLOSIVE KIT, PART A	50	0.160	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	MAR-10	MAR-11		JUL-09	
CANINE EXPLOSIVE KIT, PART B	200	0.205	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	MAR-10	MAR-11		JUL-09	
DEMO CHG, MK 36/1, INERT	25	4.920	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	JAN-11		JUL-09	
AJ100 SHOCK TEST CHARGES											
CHARGE, SHOCK TEST, 60 LB	500	1.514	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	DEC-09	DEC-10		JUL-09	
AJ100 SIGNALS											
SIGNAL, SMK, MK 2, RED RKT	7272	0.090	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	MAR-10	JAN-11		JUL-09	
MARKER, LOCATION, SUB, MK 120	600	1.093	NSWC CRANE	OCT-09	CONTRACT	UNKNOWN	MAR-10	SEP-11		JUL-09	
SIG, SMK ILLUM, MAR, MK 117	139	1.626	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	SEP-11		JUL-09	
MARKER, LOCATION, SUB, MK 140	479	1.115	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	SEP-11		JUL-09	
AJ100 TRAINING DEVICES											
SIM, BOOBY TRAP, M118	1500	0.025	JMC ROCK ISLAND	OCT-09	MIPR	UNKNOWN	MAR-10	SEP-11		JUL-09	
Remarks:											
NOTE: All items shown are priced with available GFM.											

CLASSIFICATION:		UNCLASSIFIED													
WEAPONS SYSTEM COST ANALYST P-1R						Weapon System						DATE May 2009			
APPROPRIATION/BUDGET ACTIVITY PANMC PROCUREMENT OF AMMUNITION, NAVY/BA 1						ID Code 034000		P-1 LINE ITEM NOMENCLATURE PYROTECHNIC AND DEMOLITION SUBHEAD NO. A1AJ							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2008			FY 2009			FY 2010					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AJ000	PYRO/DEMO MATERIALS		0	7541	0	92	7184	0	88	7236	0	88			
TOTAL						92			88			88			

BUDGET ITEM JUSTIFICATION SHEET P-40	DATE: May 2009
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APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1- NAVY AMMUNITION	P-1 ITEM NOMENCLATURE 040000, AMMUNITION LESS THAN \$5 MILLION
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Program Element for Code B Items:	Other Related Program Elements
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	Prior Years	ID Code	FY 2008	FY 2009	FY 2010						
Quantity											
Cost (\$M)	22.5	A	3.2	3.2	3.2						
Initial Spares (\$M)											
Total (\$M)	22.5		3.2	3.2	3.2						
Unit Cost (\$M)											

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.

BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a						DATE: May 2009					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS BA1- NAVY AMMUNITION						P-1 ITEM NOMENCLATURE 040000, AMMUNITION LESS THAN \$5 MILLION					
Procurement Items	ID Code	Prior Years	FY 2008	FY 2009	FY 2010						
MK-58 MARINE LOCATION MARKERS											
Quantity	A	36,016	5,202	5,365	5,363						
Funding		11,324	2,457	2,438	2,669						
Other Costs		11,189	750	760	545						
Total P-1 Funding		\$22,513	\$3,207	\$3,198	\$3,214						