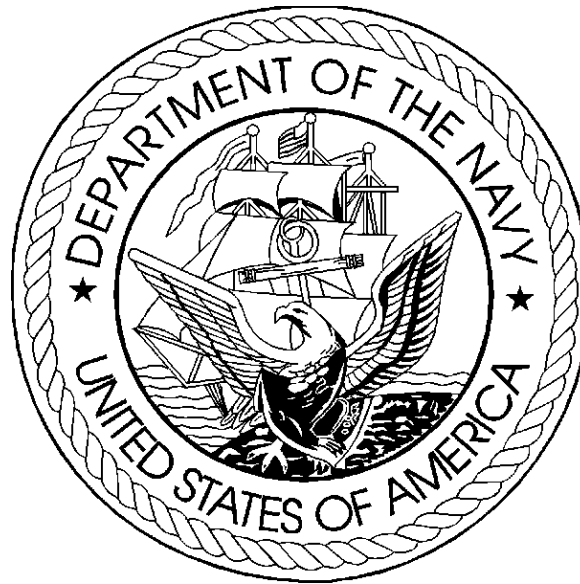


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**Department of Defense  
Fiscal Year (FY) 2013 President's Budget Submission**

February 2012



**Navy**

*Justification Book Volume 2*

***Procurement of Ammo, Navy & MC***

**Budget Activity 2**

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Navy • President's Budget Submission FY 2013 • Procurement

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## **Department of Defense Appropriations Act, 2013**

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### **Procurement of Ammunition, Navy and Marine Corps**

For construction, procurement, production, and modification of ammunition, and accessories therefore; 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, \$759,539,000, to remain available for obligation until September 30, 2015.

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Department of the Navy  
 FY 2013 President's Budget  
 Exhibit P-1 FY 2013 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

18 Jan 2012

Appropriation -----	FY 2011 Actuals -----	FY 2012 Base -----	FY 2012 OCO -----	FY 2012 Total -----
Procurement of Ammo, Navy & MC	1,443,651	626,848	317,100	943,948
Total Department of the Navy	1,443,651	626,848	317,100	943,948

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Department of the Navy  
FY 2013 President's Budget  
Exhibit P-1 FY 2013 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

18 Jan 2012

Appropriation -----	FY 2013 Base -----	FY 2013 OCO -----	FY 2013 Total -----
Procurement of Ammo, Navy & MC	759,539	285,747	1,045,286
Total Department of the Navy	759,539	285,747	1,045,286

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Department of the Navy  
FY 2013 President's Budget  
Exhibit P-1 FY 2013 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

18 Jan 2012

Appropriation: Procurement of Ammo, Navy & MC

Budget Activity -----	FY 2011 Actuals -----	FY 2012 Base -----	FY 2012 OCO -----	FY 2012 Total -----
01. Proc Ammo, Navy	598,150	341,542	134,983	476,525
02. Proc Ammo, MC	845,501	285,306	182,117	467,423
Total Procurement of Ammo, Navy & MC	1,443,651	626,848	317,100	943,948

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Department of the Navy  
FY 2013 President's Budget  
Exhibit P-1 FY 2013 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

18 Jan 2012

Appropriation: Procurement of Ammo, Navy & MC

Budget Activity -----	FY 2013 Base -----	FY 2013 OCO -----	FY 2013 Total -----
01. Proc Ammo, Navy	461,183	151,808	612,991
02. Proc Ammo, MC	298,356	133,939	432,295
Total Procurement of Ammo, Navy & MC	759,539	285,747	1,045,286

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Department of the Navy  
FY 2013 President's Budget  
Exhibit P-1 FY 2013 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

18 Jan 2012

Appropriation: 1508N Procurement of Ammo, Navy &amp; MC

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals Quantity Cost	FY 2012 Base Quantity Cost	FY 2012 OCO Quantity Cost	FY 2012 Total Quantity Cost	S e c
----	-----	-----	-----	-----	-----	-----	-
Budget Activity 01: Proc Ammo, Navy							
-----							
Navy Ammunition							
1	General Purpose Bombs	A	69,723	63,666		63,666	U
2	Airborne Rockets, All Types	A	99,008	23,264	80,200	103,464	U
3	Machine Gun Ammunition	A	89,551	17,788	22,400	40,188	U
4	Practice Bombs	A	31,171	35,289		35,289	U
5	Cartridges & Cart Actuated Devices	A	51,361	46,716		46,716	U
6	Air Expendable Countermeasures	A	92,940	60,677	20,000	80,677	U
7	JATOS	A	2,854	2,766		2,766	U
8	LRLAP 6" Long Range Attack Projectile	A					U
9	5 Inch/54 Gun Ammunition	A	33,308	10,901		10,901	U
10	Intermediate Caliber Gun Ammunition	A	17,386	1,112		1,112	U
11	Other Ship Gun Ammunition	A	41,837	19,018	182	19,200	U
12	Small Arms & Landing Party Ammo	A	53,700	46,039	4,545	50,584	U
13	Pyrotechnic And Demolition	A	11,228	10,199	1,656	11,855	U
14	Ammunition Less Than \$5 Million	A	4,083	4,107	6,000	10,107	U
Total Proc Ammo, Navy			598,150	341,542	134,983	476,525	

Budget Activity 02: Proc Ammo, MC

-----

Marine Corps Ammunition

15	Small Arms Ammunition		83,371	58,812	19,575	78,387	U
----	-----------------------	--	--------	--------	--------	--------	---

P-1C: FY 2013 President's Budget (Published Version), as of January 18, 2012 at 11:42:27

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Department of the Navy  
FY 2013 President's Budget  
Exhibit P-1 FY 2013 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

18 Jan 2012

Appropriation: 1508N Procurement of Ammo, Navy &amp; MC

Line No	Item Nomenclature	Ident Code	FY 2013 Base Quantity	Cost	FY 2013 OCO Quantity	Cost	FY 2013 Total Quantity	Cost	S e c
----	-----	-----	-----	----	-----	----	-----	----	-
Budget Activity 01: Proc Ammo, Navy									
-----									
Navy Ammunition									
1	General Purpose Bombs	A		27,024		18,000		45,024	U
2	Airborne Rockets, All Types	A		56,575		80,200		136,775	U
3	Machine Gun Ammunition	A		21,266		21,500		42,766	U
4	Practice Bombs	A		34,319				34,319	U
5	Cartridges & Cart Actuated Devices	A		53,755				53,755	U
6	Air Expendable Countermeasures	A		61,693		20,303		81,996	U
7	JATOS	A		2,776				2,776	U
8	LRLAP 6" Long Range Attack Projectile	A		7,102				7,102	U
9	5 Inch/54 Gun Ammunition	A		48,320				48,320	U
10	Intermediate Caliber Gun Ammunition	A		25,544				25,544	U
11	Other Ship Gun Ammunition	A		41,624		532		42,156	U
12	Small Arms & Landing Party Ammo	A		65,893		2,643		68,536	U
13	Pyrotechnic And Demolition	A		11,176		2,322		13,498	U
14	Ammunition Less Than \$5 Million	A		4,116		6,308		10,424	U
				-----		-----		-----	
Total Proc Ammo, Navy				461,183		151,808		612,991	

Budget Activity 02: Proc Ammo, MC

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Marine Corps Ammunition

15	Small Arms Ammunition			83,733		10,948		94,681	U
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P-1C: FY 2013 President's Budget (Published Version), as of January 18, 2012 at 11:42:27

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Department of the Navy  
FY 2013 President's Budget  
Exhibit P-1 FY 2013 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

18 Jan 2012

Appropriation: 1508N Procurement of Ammo, Navy &amp; MC

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals Quantity Cost	FY 2012 Base Quantity Cost	FY 2012 OCO Quantity Cost	FY 2012 Total Quantity Cost	S e c
----	-----	----	-----	-----	-----	-----	-
16	Linear Charges, All Types	A	23,894	17,660	6,691	24,351	U
17	40 Mm, All Types	A	109,329	80,664	12,184	92,848	U
18	60mm, All Types	A	28,041	937	10,988	11,925	U
19	81mm, All Types	A	68,628	18,100	24,515	42,615	U
20	120mm, All Types	A	106,601	9,387	11,227	20,614	U
21	Ctg 25mm, All Types	A	3,914	3,889	802	4,691	U
22	Grenades, All Types	A	11,374	13,452	5,911	19,363	U
23	Rockets, All Types	A	30,796	12,463	18,871	31,334	U
24	Artillery, All Types	A	293,707	22,526	57,003	79,529	U
25	Demolition Munitions, All Types	A	22,953	22,786	7,831	30,617	U
26	Fuze, All Types	A	43,737	9,266	5,177	14,443	U
27	Non Lethals	B	3,424	2,927	712	3,639	U
28	Ammo Modernization	A	10,418	8,557		8,557	U
29	Items Less Than \$5 Million	A	5,314	3,880	630	4,510	U
			-----	-----	-----	-----	
	Total Proc Ammo, MC		845,501	285,306	182,117	467,423	
			-----	-----	-----	-----	
	Total Procurement of Ammo, Navy & MC		1,443,651	626,848	317,100	943,948	

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Department of the Navy  
FY 2013 President's Budget  
Exhibit P-1 FY 2013 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

18 Jan 2012

Appropriation: 1508N Procurement of Ammo, Navy &amp; MC

Line No	Item Nomenclature	Ident Code	FY 2013 Base Quantity	Cost	FY 2013 OCO Quantity	Cost	FY 2013 Total Quantity	Cost	S e c
----	-----	----	-----	----	-----	----	-----	----	-
16	Linear Charges, All Types	A		24,645		9,940		34,585	U
17	40 Mm, All Types	A		16,201		5,963		22,164	U
18	60mm, All Types	A							U
19	81mm, All Types	A		13,711				13,711	U
20	120mm, All Types	A		12,557		11,605		24,162	U
21	Ctg 25mm, All Types	A				2,831		2,831	U
22	Grenades, All Types	A		7,634		2,359		9,993	U
23	Rockets, All Types	A		27,528		3,051		30,579	U
24	Artillery, All Types	A		93,065		54,886		147,951	U
25	Demolition Munitions, All Types	A		2,047		1,391		3,438	U
26	Fuze, All Types	A		5,297		30,945		36,242	U
27	Non Lethals	B		1,362		8		1,370	U
28	Ammo Modernization	A		4,566				4,566	U
29	Items Less Than \$5 Million	A		6,010		12		6,022	U
				-----		-----		-----	
	Total Proc Ammo, MC			298,356		133,939		432,295	
				-----		-----		-----	
	Total Procurement of Ammo, Navy & MC			759,539		285,747		1,045,286	



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Master Line Item Table of Contents (by Appropriation then Line Number)

**Appropriation 1508N: Procurement of Ammo, Navy & MC**

Line #	BA	BSA	Line Item Number	Line Item Title	Page
1	01	01	0145	General Purpose Bombs.....	Volume 1 - 1
2	01	01	0151	Airborne Rockets, All Types.....	Volume 1 - 15
3	01	01	0155	Machine Gun Ammunition.....	Volume 1 - 31
4	01	01	0160	Practice Bombs.....	Volume 1 - 43
5	01	01	0180	Cartridge Actuated Devices/Propellant Act Devices.....	Volume 1 - 53
6	01	01	0182	Air Expendable Countermeasures.....	Volume 1 - 63
7	01	01	0194	Jet Assisted Take Off (JATOs).....	Volume 1 - 83
8	01	01	0198	LRLAP 6" Long Range Attack Projectile.....	Volume 1 - 85
9	01	01	0250	5 Inch/54 Gun Ammunition.....	Volume 1 - 87
10	01	01	0266	Intermediate Caliber Gun Ammo.....	Volume 1 - 95
11	01	01	0270	Other Ship Gun Ammunition.....	Volume 1 - 103
12	01	01	0335	Small Arms & Lndg Party Ammo.....	Volume 1 - 123
13	01	01	0340	Pyrotechnic and Demolition.....	Volume 1 - 155
14	01	01	0400	Ammunition less than \$5 million.....	Volume 1 - 185

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**Appropriation 1508N: Procurement of Ammo, Navy & MC**

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Line #	BA	BSA	Line Item Number	Line Item Title	Page
15	02	01	1000	Small Arms Ammunition.....	Volume 2 - 1
16	02	01	1030	Linear Charges, All Types.....	Volume 2 - 33
17	02	01	1050	40 MM, All Types.....	Volume 2 - 43
18	02	01	1083	60 MM, All Types.....	Volume 2 - 57
19	02	01	1091	81 MM, All Types.....	Volume 2 - 65
20	02	01	1121	120 MM, All Types.....	Volume 2 - 85
21	02	01	1388	CTG 25 MM, All Types.....	Volume 2 - 95
22	02	01	1468	Grenades, All Types.....	Volume 2 - 101
23	02	01	1471	Rockets, All Types.....	Volume 2 - 117
24	02	01	1473	Artillery, All Types.....	Volume 2 - 125
25	02	01	1500	Demolition Munitions, All Types.....	Volume 2 - 155
26	02	01	1625	Fuze, All Types.....	Volume 2 - 173
27	02	01	1628	Non Lethals.....	Volume 2 - 183
28	02	01	1630	Ammo Modernization.....	Volume 2 - 189
29	02	01	1660	Items less than \$5 million.....	Volume 2 - 193

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**Master Line Item Table of Contents (Alphabetically by Line Item Title)**

<b>Line Item Title</b>	<b>Line Item Number</b>	<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Page</b>
120 MM, All Types	1121	20	02	01.....	Volume 2 - 85
40 MM, All Types	1050	17	02	01.....	Volume 2 - 43
5 Inch/54 Gun Ammunition	0250	9	01	01.....	Volume 1 - 87
60 MM, All Types	1083	18	02	01.....	Volume 2 - 57
81 MM, All Types	1091	19	02	01.....	Volume 2 - 65
Air Expendable Countermeasures	0182	6	01	01.....	Volume 1 - 63
Airborne Rockets, All Types	0151	2	01	01.....	Volume 1 - 15
Ammo Modernization	1630	28	02	01.....	Volume 2 - 189
Ammunition less than \$5 million	0400	14	01	01.....	Volume 1 - 185
Artillery, All Types	1473	24	02	01.....	Volume 2 - 125
CTG 25 MM, All Types	1388	21	02	01.....	Volume 2 - 95
Cartridge Actuated Devices/Propellant Act Devices	0180	5	01	01.....	Volume 1 - 53
Demolition Munitions, All Types	1500	25	02	01.....	Volume 2 - 155
Fuze, All Types	1625	26	02	01.....	Volume 2 - 173
General Purpose Bombs	0145	1	01	01.....	Volume 1 - 1
Grenades, All Types	1468	22	02	01.....	Volume 2 - 101
Intermediate Caliber Gun Ammo	0266	10	01	01.....	Volume 1 - 95

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Line Item Title	Line Item Number	Line #	BA	BSA	Page
Items less than \$5 million	1660	29	02	01.....	Volume 2 - 193
Jet Assisted Take Off (JATOs)	0194	7	01	01.....	Volume 1 - 83
LRLAP 6" Long Range Attack Projectile	0198	8	01	01.....	Volume 1 - 85
Linear Charges, All Types	1030	16	02	01.....	Volume 2 - 33
Machine Gun Ammunition	0155	3	01	01.....	Volume 1 - 31
Non Lethals	1628	27	02	01.....	Volume 2 - 183
Other Ship Gun Ammunition	0270	11	01	01.....	Volume 1 - 103
Practice Bombs	0160	4	01	01.....	Volume 1 - 43
Pyrotechnic and Demolition	0340	13	01	01.....	Volume 1 - 155
Rockets, All Types	1471	23	02	01.....	Volume 2 - 117
Small Arms & Lndg Party Ammo	0335	12	01	01.....	Volume 1 - 123
Small Arms Ammunition	1000	15	02	01.....	Volume 2 - 1

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Line Item Table of Contents (by Appropriation then Line Number)

**Appropriation 1508N: Procurement of Ammo, Navy & MC**

Line #	BA	BSA	Line Item Number	Line Item Title	Page
15	02	01	1000	Small Arms Ammunition.....	Volume 2 - 1
16	02	01	1030	Linear Charges, All Types.....	Volume 2 - 33
17	02	01	1050	40 MM, All Types.....	Volume 2 - 43
18	02	01	1083	60 MM, All Types.....	Volume 2 - 57
19	02	01	1091	81 MM, All Types.....	Volume 2 - 65
20	02	01	1121	120 MM, All Types.....	Volume 2 - 85
21	02	01	1388	CTG 25 MM, All Types.....	Volume 2 - 95
22	02	01	1468	Grenades, All Types.....	Volume 2 - 101
23	02	01	1471	Rockets, All Types.....	Volume 2 - 117
24	02	01	1473	Artillery, All Types.....	Volume 2 - 125
25	02	01	1500	Demolition Munitions, All Types.....	Volume 2 - 155
26	02	01	1625	Fuze, All Types.....	Volume 2 - 173
27	02	01	1628	Non Lethals.....	Volume 2 - 183
28	02	01	1630	Ammo Modernization.....	Volume 2 - 189
29	02	01	1660	Items less than \$5 million.....	Volume 2 - 193

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Navy • President's Budget Submission FY 2013 • Procurement

**Line Item Table of Contents (Alphabetically by Line Item Title)**

<b>Line Item Title</b>	<b>Line Item Number</b>	<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Page</b>
120 MM, All Types	1121	20	02	01.....	Volume 2 - 85
40 MM, All Types	1050	17	02	01.....	Volume 2 - 43
60 MM, All Types	1083	18	02	01.....	Volume 2 - 57
81 MM, All Types	1091	19	02	01.....	Volume 2 - 65
Ammo Modernization	1630	28	02	01.....	Volume 2 - 189
Artillery, All Types	1473	24	02	01.....	Volume 2 - 125
CTG 25 MM, All Types	1388	21	02	01.....	Volume 2 - 95
Demolition Munitions, All Types	1500	25	02	01.....	Volume 2 - 155
Fuze, All Types	1625	26	02	01.....	Volume 2 - 173
Grenades, All Types	1468	22	02	01.....	Volume 2 - 101
Items less than \$5 million	1660	29	02	01.....	Volume 2 - 193
Linear Charges, All Types	1030	16	02	01.....	Volume 2 - 33
Non Lethals	1628	27	02	01.....	Volume 2 - 183
Rockets, All Types	1471	23	02	01.....	Volume 2 - 117
Small Arms Ammunition	1000	15	02	01.....	Volume 2 - 1

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition							<b>P-1 Line Item Nomenclature:</b> 1000 - Small Arms Ammunition					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	39.549	83.371	78.387	83.733	10.948	94.681	55.942	41.820	67.297	53.503	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	39.549	83.371	78.387	83.733	10.948	94.681	55.942	41.820	67.297	53.503	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	39.549	83.371	78.387	83.733	10.948	94.681	55.942	41.820	67.297	53.503	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Description:</b> Base Appropriation Request: This funding (DODIC A001) supports the procurement of components used in building small arms cartridges in support of the Marine Corps Rifle Team, Quantico, Virginia.  The Cartridge, 12 Gauge No. 9 Shot (DODIC A017) is procured from commercial manufacturers for training, combat, survival, and guard purposes with the M500, M590, and M870 12 gauge auto-loading and pump action shotguns. The cartridge case consists of a brass head containing a propellant charge and smokeless powder and a plastic sleeve containing the lead pellets. The cartridge design type is lead shot.  The Cartridge, 12 Gauge 1 Ounce Slug Commercial (DODIC A023) is procured from commercial manufacturers for training, combat, survival, and guard purposes with the M500, M590, and M870 12 gauge, auto-loading, and pump-action shotguns. The cartridge case consists of a metal (brass or plated steel) head containing a propellant charge and smokeless powder and a plastic sleeve containing a 1-ounce lead slug. The cartridge design type is a plain slug.  The Cartridge, Ball M855 10/Clip (DODIC A059) is the primary ball ammunition for the M16A2 Rifle and can be used in the M249 Squad Automatic Weapon (SAW) with a magazine.  The Cartridge, 5.56mm Ball M855 Linked (DODIC A062) is used with the M249 Squad Automatic Weapon (SAW) Machine Gun and is intended for combat, antipersonnel, and other unarmored targets. The DODIC A062 is linked 5.56mm NATO ammunition. A green tip on the projectile of the M855 Ball ammunition identifies the cartridge. The M27 Link is used to connect the 200 round belts.  The Cartridge, 5.56mm Tracer M856 Single Round (DODIC A063) is used with the M249 SAW Machine Gun and the M16A2 Rifle. The M856 Single Round has an orange tip on the projectile to identify the cartridge as a tracer. The tracer round is used for illuminating the trajectory path, incendiary, and signaling purposes. The cartridge consists of a brass cartridge case, a primer, propellant and bullet.  The Cartridge, 5.56mm 4 Ball M855/1 Tracer M856 Linked (DODIC A064) is the standard ammunition used for combat and training in the M249 SAW Machine Gun. The M856 Tracer cartridge is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact.  The Cartridge, 5.56mm Blank M200 Linked (DODIC A075) is used in the M249 Squad Automatic Weapon (SAW) Machine Gun. It is designed to simulate firing during training exercises. The cartridge is identified by a rosette crimp closure of the cartridge mouth.												

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition		<b>P-1 Line Item Nomenclature:</b> 1000 - Small Arms Ammunition
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>The Cartridge, 5.56mm Blank M200 Single Round (DODIC A080) is used in the M16A2 Rifle and can be used in the M249 SAW Machine Gun with a magazine. It is designed to simulate firing during training exercises. The cartridge can be identified by a rosette crimp closure of the cartridge mouth.</p> <p>The Cartridge, Caliber .22 Ball Long Rifle Match (Rifle) (DODIC A091) ammunition is used in .22 caliber Remington Model 40X-H1 Rifles. The round is intended for military marksmanship training.</p> <p>The Cartridge, 7.62mm 4 Ball M80/1 Tracer M62 Linked (DODIC A131) is mainly used in the M240 Machine Guns against personnel and unarmored targets. The M62 Tracer round is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact.</p> <p>The Cartridge, 7.62mm Ball M80 Linked (DODIC A143) is used mainly in the M240 machine guns against personnel and unarmored targets. The DODIC A143 is used to augment DODIC A131 as dictated by local fire conditions.</p> <p>The Cartridge, Caliber .30 Blank M1909 (DODIC A222) is used for simulated firing in training or saluting purposes in the M1903 or M1 .30 Caliber Rifles. The DODIC A222 contains a brass cartridge case, a primer and is loaded with 12 grains of propellant. The M1909 Cartridge is identified by the absence of a bullet and has as crimped cartridge case mouth.</p> <p>The Cartridge, 9mm Jacketed Hollow Point JHP (DODIC A260) ammunition is a 9mm cartridge that produces a subsonic velocity and may be used in M9 Pistols and MP5N Submachine Guns.</p> <p>The Cartridge, 9mm Ball M882 (DODIC A363) is intended for use against enemy personnel and for security purposes. This cartridge may be used in the M9 Service Pistol and the MP5N Submachine Gun.</p> <p>The Cartridge, Caliber .45 Ball M1911 (DODIC A475) is intended for use against personnel and used in the M1911/A1 Automatic Pistols, M1, M1A1, and M3 Submachine Guns.</p> <p>The Cartridge, Caliber .50 M33 Linked (DODIC A555) is used in M2 .50 Caliber Machine Guns to augment DODIC A576 as dictated by local fire conditions. The cartridges are 5.45 inches long with a brass case and are linked together with the M2 cartridge link, 100 rounds to a belt. The projectile is a steel core bullet with a copper-alloy jacket. The Bare copper (non-painted) projectile tip identifies the M33 Cartridge.</p> <p>The Cartridge, Caliber .50 4 API M8/1 API-T M20 Linked (DODIC A576) is used in M2 .50 caliber Machine Guns against armored targets. Upon impact with the target, the incendiary mixture bursts into flames and ignites the flammable material.</p> <p>The Cartridge, Caliber .50 Blank M1A1 Linked (DODIC A598) is used to simulate firing in training exercises using the M2 Machine Guns. The M1A1 Cartridge is identified by the absence of a bullet.</p> <p>The Cartridge, 5.56mm 4 armor piercing M995/1 Tracer M856 Linked (DODIC AA02) is used in the M249 Squad Automatic Weapon (SAW) Machine Gun. The rounds are linked with M27 Links. The M995 and M856 round consists of a brass cartridge case, a primer and propellant. The M995 Armor Piercing round has a black bullet tip for identification. The M856 Tracer round has an orange bullet tip for identification.</p> <p>The Cartridge, 7.62mm Armor Piercing M993 Single (DODIC AA03) is used in the M240 Machine Guns. The cartridge is used in machine guns against personnel and light armored or unarmored targets, concrete shelters, and similar bullet-resisting targets. The M993 consists of a brass cartridge case, a primer and propellant. The M993 armor piercing round has a black stripe circling the tip for identification.</p> <p>The Cartridge, 7.62mm 4 armor piercing M993/1 Tracer M62 Linked (DODIC AA04) is used in the M240 Machine Guns. The cartridge is used in machine guns against personnel and light armored or unarmored targets, concrete shelters, and similar bullet-resisting targets. The M993 and M62 consist of a brass cartridge case, a primer and propellant. The M993 armor piercing round has a black stripe circling the tip for identification. The M62 Tracer round consists of a brass cartridge case and a bullet with an orange tip for identification.</p> <p>The Cartridge, 7.62mm Long Range M118 LR (DODIC AA11) is intended for long-range sniper and match firing and is used in the M86 Sniper and the M14 Rifles. This cartridge is used in training and for missions demanding accurate single fire that typically involves sniper and marksmanship applications.</p>		

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition		<b>P-1 Line Item Nomenclature:</b> 1000 - Small Arms Ammunition
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>The Cartridge, 9mm Red Marking (DODIC AA12) is utilized with the M4A1 Carbine, Sig Sauer P226 Pistol, MP5 Submachine Gun and M9 Special Effects Small Arms Marking System (SESAMS) Adapter Kits. Weapons fitted with the training adapters will operate semi or full automatic simulating live fire. The intended use for this cartridge is to provide enhanced training by allowing force-on-force training versus firing at silhouette on impact. When the projectile impacts a target, the plastic projectile sheath breaks and detergent marks the target indicating a hit.</p> <p>The Cartridge, 9mm Blue Marking (DODIC AA21) is utilized with the M4A1 Carbine, Sig Sauer P226 Pistol, MP5 Submachine Gun and M9 Special SESAMS Adapter Kits. Weapons fitted with the training adapters will operate semi or full automatic simulating live fire. The intended use for this cartridge is to provide enhanced training by allowing force-on-force training versus firing at silhouette on impact. When the projectile impacts a target, the plastic projectile sheath breaks and detergent marks the target indicating a hit.</p> <p>The Cartridge, 5.56mm Jacketed Frangible (DODIC AA40) is intended for use against personnel without collateral damage. It is intended to penetrate soft targets with the projectile breaking up on impact with hard targets. The DODIC AA40 consists of a brass cartridge case, a primer and propellant composition. The Jacketed Frangible cartridge contains a non-toxic, copper, tungsten powder and nylon binder designed to eliminates airborne lead and concerns for disposal.</p> <p>The Cartridge, 12 Gauge Door Breaching MK246 Mod 0 (DODIC AA54) is procured from commercial manufacturers for use with the M500, M590, and M870 12-gauge, auto loading, and pump action shotguns. The 12-gauge door-breaching cartridge is intended to destroy locks and fixtures on doors and automobiles with little or no collateral damage to the interior. The cartridge case material is plastic and the cartridge design type is a powdered lead filler contained in a plastic cup.</p> <p>The Cartridge, 5.56mm Short Range Training Ammunition M862 (DODIC AA68) is a short range single round used for training purposes with the M16 and M4 Series Rifles adapted with the M2 bolt. The M862 Cartridge consists of a brass case, a primer, propellant composition, and a plastic projectile made of a polycarbonate blend.</p> <p>The Cartridge, 5.56mm FX Blue Marking Linked (AA91) is used in the M249 Squad Automatic Weapon, simulating automatic weapon live fire. When the round impacts a target, the plastic projectile sheath breaks and marks the target, indicating a hit.</p> <p>The Cartridge, 5.56mm FX Red Marking Linked (AA92) is used in the M249 Squad Automatic Weapon, simulating automatic weapon live fire. When the round impacts a target, the plastic projectile sheath breaks and marks the target, indicating a hit.</p> <p>The Cartridge, 5.56mm FX Blue Marking (AB05) is used in the 5.56mm service and carbine weapon systems simulating weapon live fire for force-on-force training. When the round impacts a target, the plastic projectile sheath breaks and marks the target, indicating a hit.</p> <p>The Cartridge, 5.56mm FX Red Marking (AB06) is used in the 5.56mm service and carbine weapon systems simulating weapon live fire for force-on-force training. When the round impacts a target, the plastic projectile sheath breaks and marks the target, indicating a hit.</p> <p>The foreign ammunition (DODIC APKM) is used to support the requirements for Marines to conduct familiarization training with the AK series weapons (Soviet 7.62mm x 51mm assault rifles), RPD light machineguns (Soviet 7.62mm x 39mm machineguns/squad automatic weapons), and PKM medium machineguns (Soviet designed 7.62mm xx 54r mm machineguns).</p> <p>The Cartridge, Caliber .50 Reduced Range 4 Ball/1 Tracer Linked (DODIC: AXX1) is a Reduced/Limited Range Caliber .50 that does not exceed the current 5.56mm maximum range. It is used in M2 .50 Caliber Machine Guns to augment or in lieu of DODIC A576.</p> <p>The Cartridge, Caliber .50 Reduced Range Ball Linked (DODIC: AXX2) is a Reduced/Limited Range Caliber .50 that does not exceed the current 5.56mm maximum range. It is used in M2 .50 Caliber Machine Guns to augment or in lieu of DODIC A555.</p> <p>The Cartridge, 9mm Blank Single Round (DODIC: AXX3) is blank training cartridge used in the M9 Pistol simulating weapon live fire. The round will be used by the Military Police (MP) to train canines to not be impacted or respond erratically by the audible noise of the weapon.</p>		

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy	<b>Date:</b> February 2012
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition	<b>P-1 Line Item Nomenclature:</b> 1000 - Small Arms Ammunition
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>The First Destination Transportation Cost (FDTC), funds are required to support the distribution of Marine Corps' small arms ammunition end items from manufacturing plants assembly points. These funds directly support training and readiness requirements of Marines in the field (CONUS or OCONUS).</p> <p>The foreign ammunition, Cartridge, 7.62x39mm Ball (DODIC Z203) for the AK-47 shoulder fired automatic weapon, is used to support the requirements for Marines to conduct familiarization training and train Afghanistan and Iraqi Forces.</p> <p>The foreign ammunition, Cartridge, 7.62x54Rmm Ball (DODIC Z205) for the Dragunov PKM Sniper Rifle, is used to support the requirements for Marines to conduct familiarization training and train Afghanistan and Iraqi Forces.</p> <p>The foreign ammunition, Cartridge, 12.7x108mm API (.50 Caliber), (DODIC Z209) for the DShk mounted machine gun, is used to support the requirements for Marines to conduct familiarization training and train Afghanistan and Iraqi Forces.</p> <p>FY13 Overseas Contingency Operations Request (OCO): \$10.948M          DODIC A059, \$3.596M; DODIC A131, \$3.466M; DODIC A363, \$0.021M, DODIC A576, \$3.865M. Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.</p>		

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Small Arms Ammunition (See enclosed P-40A)	P40A, P5A, P21				39.549			83.371			78.387			83.733			10.948			94.681
<b>Total Gross/Weapon System Cost</b>					<b>39.549</b>			<b>83.371</b>			<b>78.387</b>			<b>83.733</b>			<b>10.948</b>			<b>94.681</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

**Justification:**

House Report 112-331 cited the wrong P1# for -5,780K reduction. Reduction to be made against Line Item 1000 Small Arms Ammunition. Funds will be removed during execution.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition							Aggregated Item Name: Small Arms Ammunition					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
1) A001 RIFLE TEAM AMMUNITION																			
1.1) A001 COMPLETE ROUND	A	-	-	0.236	-	-	-	-	-	0.200	-	-	-	-	-	-	-	-	-
Subtotal 1) A001 RIFLE TEAM AMMUNITION				0.236			0.000			0.200			0.000			0.000			0.000
2) A017 CTG, 12 GAUGE # 9 SHOT																			
† 2.1) A017 COMPLETE ROUND	A	-	-	-	-	-	-	-	-	-	0.33	713,518	0.238	-	-	-	0.33	713,518	0.238
2.2) A017 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	-	-	-	0.012	-	-	-	-	-	0.012
Subtotal 2) A017 CTG, 12 GAUGE # 9 SHOT				0.000			0.000			0.000			0.250			0.000			0.250
3) A023 CTG, 12 GAUGE SLUG																			
† 3.1) A023 CTG, 12 GAUGE SLUG	A	-	-	-	-	-	-	0.65	250,769	0.163	0.65	384,615	0.250	-	-	-	0.65	384,615	0.250
Subtotal 3) A023 CTG, 12 GAUGE SLUG				0.000			0.000			0.163			0.250			0.000			0.250
4) A059 CTG, 5.56MM BALL																			
† 4.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)	A	-	-	-	0.32	133,673K	42.830	0.37	83,941,590	30.982	0.39	79,398,683	31.127	0.39	8,849,731	3.470	0.39	88,248,414	34.597
† 4.2) A059 LOAD, ASSEMBLE AND PACK (LAP) (2)	A	-	-	-	0.32	7,372,389	2.359	-	-	-	-	-	-	-	-	-	-	-	-
† 4.3) A059 BOX METAL M2A1 (EA) (1)	A	-	-	2.054	9.24	170,665	1.577	9.49	81,256	0.771	11.83	76,857	0.909	11.79	8,566	0.101	11.82	85,423	1.010
† 4.4) A059 BOX METAL M2A1 (EA) (2)	A	-	-	0.018	-	-	-	9.45	20,314	0.192	11.83	19,214	0.227	11.67	2,142	0.025	11.80	21,356	0.252
4.5) A059 PRODUCTION ENGINEERING	A	-	-	0.336	-	-	0.655	-	-	1.593	-	-	0.556	-	-	-	-	-	0.556
4.6) A059 QUALITY ASSURANCE	A	-	-	0.017	-	-	0.014	-	-	0.025	-	-	0.016	-	-	-	-	-	0.016

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1000 - Small Arms Ammunition								<b>Aggregated Item Name:</b> Small Arms Ammunition			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
4.7) A059 ACCEPTANCE TESTING	A	-	-	-	-	-	0.097	-	-	0.045	-	-	-	-	-	-	-	-	-
4.8) A059 PRODUCTION VERIFICATION TEST	A	-	-	-	-	-	-	-	-	0.014	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) A059 CTG, 5.56MM BALL</i>				2.425			47.532			33.622			32.835			3.596			36.431
<b>5) A062 CTG 5.56MM BALL LINKED</b>																			
† 5.1) A062 COMPLETE ROUND	A	-	-	0.124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) A062 PRODUCTION ENGINEERING	A	-	-	0.016	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-
5.3) A062 QUALITY ASSURANCE	A	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) A062 ACCEPTANCE TESTING	A	-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) A062 CTG 5.56MM BALL LINKED</i>				0.143			0.002			0.000			0.000			0.000			0.000
<b>6) A063 CTG, 5.56MM TRACER M856 SINGLE ROUND</b>																			
† 6.1) A063 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	-	-	-	-	0.75	654,188	0.488	-	-	-	-	-	-	-	-	-
† 6.2) A063 BOX METAL M2A1 (EA)	A	-	-	-	-	-	-	9.49	805	0.008	-	-	-	-	-	-	-	-	-
6.3) A063 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.004	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) A063 CTG, 5.56MM TRACER M856 SINGLE ROUND</i>				0.000			0.000			0.500			0.000			0.000			0.000
<b>7) A064 CTG, 5.56MM 4 &amp; 1 LINKED</b>																			
† 7.1) A064 COMPLETE ROUND	A	-	-	5.272	0.44	15,558,400	6.795	0.54	5,490,182	2.957	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition							Aggregated Item Name: Small Arms Ammunition				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
7.2) A064 PRODUCTION ENGINEERING	A	-	-	0.044	-	-	0.414	-	-	0.039	-	-	-	-	-	-	-	-	-
7.3) A064 QUALITY ASSURANCE	A	-	-	0.009	-	-	0.003	-	-	0.003	-	-	-	-	-	-	-	-	-
7.4) A064 ACCEPTANCE TESTING	A	-	-	0.005	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	-
7.5) A064 PRODUCTION VERIFICATION TEST	A	-	-	-	-	-	0.199	-	-	0.001	-	-	-	-	-	-	-	-	-
Subtotal 7) A064 CTG, 5.56MM 4 & 1 LINKED				5.330			7.423			3.000			0.000			0.000			0.000
8) A075 CTG, 5.56MM BLANK LINKED																			
† 8.1) A075 COMPLETE ROUND	A	-	-	2.347	0.35	4,724,800	1.675	0.43	2,279,596	0.984	-	-	-	-	-	-	-	-	-
8.2) A075 PRODUCTION ENGINEERING	A	-	-	0.018	-	-	0.011	-	-	0.016	-	-	-	-	-	-	-	-	-
8.3) A075 PRODUCTION VERIFICATION TEST	A	-	-	-	-	-	0.412	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 8) A075 CTG, 5.56MM BLANK LINKED				2.365			2.098			1.000			0.000			0.000			0.000
9) A080 CTG, 5.56MM BLANK																			
† 9.1) A080 LOAD, ASSEMBLE, AND PACK (LAP)	A	-	-	1.310	0.25	9,594,240	2.391	0.30	6,299,736	1.901	-	-	-	-	-	-	-	-	-
† 9.2) A080 BOX METAL M2A1 (EA) (1)	A	-	-	0.050	9.25	8,539	0.079	9.49	4,485	0.043	-	-	-	-	-	-	-	-	-
9.3) A080 BOX METAL M2A1 (EA) (2)	A	-	-	-	-	-	-	9.49	1,121	0.011	-	-	-	-	-	-	-	-	-
9.4) A080 PRODUCTION ENGINEERING	A	-	-	0.025	-	-	0.019	-	-	0.043	-	-	-	-	-	-	-	-	-
9.5) A080 QUALITY ASSURANCE	A	-	-	-	-	-	0.001	-	-	0.001	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>															<b>Date:</b> February 2012				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1000 - Small Arms Ammunition							<b>Aggregated Item Name:</b> Small Arms Ammunition				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
9.6) A080 ACCEPTANCE TESTING	A	-	-	0.002	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-
9.7) A080 PRODUCTION VERIFICATION TEST	A	-	-	-	-	-	0.160	-	-	0.001	-	-	-	-	-	-	-	-	-
<i>Subtotal 9) A080 CTG, 5.56MM BLANK</i>				1.387			2.652			2.000			0.000			0.000			0.000
<b>10) A091 CTG, 7.62MM BLANK LINKED</b>																			
† 10.1) A091 COMPLETE ROUND	A	-	-	-	-	-	-	0.37	654,414	0.244	-	-	-	-	-	-	-	-	-
10.2) A091 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.005	-	-	-	-	-	-	-	-	-
10.3) A091 PRODUCTION VERIFICATION TEST	A	-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
<i>Subtotal 10) A091 CTG, 7.62MM BLANK LINKED</i>				0.000			0.000			0.250			0.000			0.000			0.000
<b>11) A131 CTG, 7.62MM 4 &amp; 1 LINKED</b>																			
† 11.1) A131 COMPLETE ROUND	A	-	-	7.370	0.82	8,361,032	6.849	0.95	11,399,624	10.863	0.98	4,721,451	4.615	0.98	3,546,106	3.466	0.98	8,267,557	8.081
11.2) A131 PRODUCTION ENGINEERING	A	-	-	0.344	-	-	0.270	-	-	0.467	-	-	0.163	-	-	-	-	-	0.163
11.3) A131 QUALITY ASSURANCE	A	-	-	0.009	-	-	0.006	-	-	-	-	-	0.001	-	-	-	-	-	0.001
11.4) A131 ACCEPTANCE TESTING	A	-	-	0.076	-	-	0.021	-	-	-	-	-	0.015	-	-	-	-	-	0.015
<i>Subtotal 11) A131 CTG, 7.62MM 4 &amp; 1 LINKED</i>				7.799			7.146			11.330			4.794			3.466			8.260
<b>12) A143 CTG, 7.62MM BALL LINKED</b>																			



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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>															<b>Date:</b> February 2012				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1000 - Small Arms Ammunition							<b>Aggregated Item Name:</b> Small Arms Ammunition				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 12.1) A143 COMPLETE ROUND	A	-	-	-	-	-	-	-	-	-	0.91	4,263,668	3.887	-	-	-	0.91	4,263,668	3.887
12.2) A143 PRODUCTION ENGINEERING	A	-	-	0.170	-	-	-	-	-	-	-	-	0.147	-	-	-	-	-	0.147
12.3) A143 ACCEPTANCE TESTING	A	-	-	-	-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	0.001
<i>Subtotal 12) A143 CTG, 7.62MM BALL LINKED</i>				0.170			0.000			0.000			4.035			0.000			4.035
<b>13) A222 CTG, CAL. 30 BLANKM1909 SGL RD</b>																			
† 13.1) A222 COMPLETE ROUND	A	-	-	-	-	-	-	-	-	-	0.72	389,645	0.279	-	-	-	0.72	389,645	0.279
† 13.2) A222 BOX METAL M2A1 (EA) (1)	A	-	-	-	-	-	-	-	-	-	11.83	508	0.006	-	-	-	11.83	508	0.006
† 13.3) A222 BOX METAL M2A1 (EA) (2)	A	-	-	-	-	-	-	-	-	-	11.83	127	0.002	-	-	-	11.83	127	0.002
13.4) A222 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	-	-	-	0.013	-	-	-	-	-	0.013
<i>Subtotal 13) A222 CTG, CAL. 30 BLANKM1909 SGL RD</i>				0.000			0.000			0.000			0.300			0.000			0.300
<b>14) A260 CTG, 9MM SUBSONIC JHP</b>																			
† 14.1) A260 COMPLETE ROUND	A	-	-	-	-	-	-	0.35	174,286	0.061	-	-	-	-	-	-	-	-	-
<i>Subtotal 14) A260 CTG, 9MM SUBSONIC JHP</i>				0.000			0.000			0.061			0.000			0.000			0.000
<b>15) A363 CTG, 9MM BALL</b>																			
† 15.1) A363 LOAD, ASSEMBLE, AND PACK (LAP)	A	-	-	3.259	0.17	2,418,751	0.412	0.17	10,823,673	1.842	-	-	0.000	0.17	115,416	0.020	0.17	115,416	0.020
† 15.2) A363 BOX METAL M2A1 (EA) (1)	A	-	-	0.020	9.14	2,443	0.022	11.85	8,746	0.104	-	-	0.000	11.88	93	0.001	11.88	93	0.001

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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1000 - Small Arms Ammunition								<b>Aggregated Item Name:</b> Small Arms Ammunition			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 15.3) A363 BOX METAL M2A1 (EA) (2)	A	-	-	0.209	-	-	-	11.89	2,187	0.026	-	-	-	11.83	23	-	11.83	23	-
15.4) A363 PRODUCTION ENGINEERING	A	-	-	0.095	-	-	-	-	-	0.107	-	-	-	-	-	-	-	-	-
15.5) A363 QUALITY ASSURANCE	A	-	-	0.001	-	-	-	-	-	0.003	-	-	-	-	-	-	-	-	-
15.6) A363 PRODUCTION VERIFICATION TEST	A	-	-	-	-	-	-	-	-	0.006	-	-	-	-	-	-	-	-	-
<i>Subtotal 15) A363 CTG, 9MM BALL</i>				<i>3.584</i>			<i>0.434</i>			<i>2.088</i>			<i>0.000</i>			<i>0.021</i>			<i>0.021</i>
<b>16) A475 CTG, CAL .45 BALL</b>																			
† 16.1) A475 LOAD, ASSEMBLE, AND PACK (LAP)	A	-	-	-	-	-	-	0.58	3,798,507	2.220	-	-	-	-	-	-	-	-	-
† 16.2) A475 BOX METAL M2A1 (EA) (1)	A	-	-	-	-	-	-	11.86	3,069	0.036	-	-	-	-	-	-	-	-	-
† 16.3) A475 BOX METAL M2A1 (EA) (2)	A	-	-	-	-	-	-	11.86	767	0.009	-	-	-	-	-	-	-	-	-
16.4) A475 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.030	-	-	-	-	-	-	-	-	-
16.5) A475 QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.008	-	-	-	-	-	-	-	-	-
16.6) A475 PRODUCTION VERIFICATION TEST	A	-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
<i>Subtotal 16) A475 CTG, CAL .45 BALL</i>				<i>0.000</i>			<i>0.000</i>			<i>2.304</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>
<b>17) A555 CTG .50 BALL LNK</b>																			
17.1) A555, COMPLETE ROUND	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.2) A555 BOX METAL M2A1 (EA)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1000 - Small Arms Ammunition							<b>Aggregated Item Name:</b> Small Arms Ammunition				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
17.3) A555 PRODUCTION ENGINEERING	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.4) A555 QUALITY ASSURANCE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 17) A555 CTG .50 BALL LNK				0.000			0.000			0.000			0.000			0.000			0.000
<b>18) A576 CTG, CAL .50 4 &amp; 1 LINKED</b>																			
† 18.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)	A	-	-	10.982	2.79	2,337,913	6.517	3.05	4,849,885	14.792	3.16	4,832,704	15.281	3.16	1,177,323	3.723	3.16	6,010,027	19.004
† 18.2) A576 BOX METAL M2A1 (EA) (1)	A	-	-	0.215	9.48	23,847	0.226	11.86	39,575	0.469	11.83	39,435	0.467	11.87	9,607	0.114	11.85	49,042	0.581
† 18.3) A576 BOX METAL M2A1 (EA) (2)	A	-	-	0.209	-	-	-	11.93	9,894	0.118	11.87	9,859	0.117	11.66	2,402	0.028	11.83	12,261	0.145
18.4) A576 PRODUCTION ENGINEERING	A	-	-	0.170	-	-	0.176	-	-	0.277	-	-	0.256	-	-	-	-	-	0.256
18.5) A576 QUALITY ASSURANCE	A	-	-	0.006	-	-	0.005	-	-	0.009	-	-	0.007	-	-	-	-	-	0.007
18.6) A576 PRODUCTION VERIFICATION TEST	A	-	-	-	-	-	-	-	-	0.004	-	-	-	-	-	-	-	-	-
Subtotal 18) A576 CTG, CAL .50 4 & 1 LINKED				11.582			6.924			15.669			16.128			3.865			19.993
<b>19) A598 CTG, CAL .50 BLANK LINKED M2</b>																			
† 19.1) A598 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	0.092	-	-	-	1.95	469,838	0.914	-	-	-	-	-	-	-	-	-
† 19.2) A598 BOX METAL M2A1 (EA) (1)	A	-	-	0.005	-	-	-	11.86	3,834	0.045	-	-	-	-	-	-	-	-	-
† 19.3) A598 BOX METAL M2A1 (EA) (2)	A	-	-	-	-	-	-	11.86	958	0.011	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1000 - Small Arms Ammunition								<b>Aggregated Item Name:</b> Small Arms Ammunition			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
19.4) A598 PRODUCTION ENGINEERING	A	-	-	0.001	-	-	-	-	-	0.028	-	-	-	-	-	-	-	-	-
19.5) A598 QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
19.6) A598 PRODUCTION VERIFICATION TEST	A	-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
<i>Subtotal 19) A598 CTG, CAL .50 BLANK LINKED M2</i>				0.098			0.000			1.000			0.000			0.000			0.000
<b>20) AA02 CTG, 5.56MM 4 AP M995/ 1 TRACER M856</b>																			
† 20.1) AA02 LOAD, ASSEMBLE, AND PACK (LAP)	A	-	-	-	1.59	522,962	0.829	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 20) AA02 CTG, 5.56MM 4 AP M995/ 1 TRACER M856</i>				0.000			0.829			0.000			0.000			0.000			0.000
<b>21) AA03 CTG, 7.62MM M993 ARMOR PIERCING (AP)</b>																			
† 21.1) AA03 COMPLETE ROUND	A	-	-	-	2.56	734,715	1.878	-	-	-	-	-	-	-	-	-	-	-	-
21.2) AA03 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.021	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 21) AA03 CTG, 7.62MM M993 ARMOR PIERCING (AP)</i>				0.000			1.899			0.000			0.000			0.000			0.000
<b>22) AA04 CTG, 7.62MM 4 AP M995 TP 1 TRACER</b>																			
† 22.1) AA04 LOAD, ASSEMBLE, AND PACK (LAP)	A	-	-	-	2.24	179,729	0.402	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 22) AA04 CTG, 7.62MM 4 AP M995 TP 1 TRACER</i>				0.000			0.402			0.000			0.000			0.000			0.000

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Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition							Aggregated Item Name: Small Arms Ammunition					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
23) AA11 CTG, 7.62MM BALL LONG RANGE																			
† 23.1) AA11 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	1.972	0.98	2,156,452	2.120	-	-	-	-	-	-	-	-	-	-	-	-
† 23.2) AA11 BOX METAL M2A1 (EA)	A	-	-	0.042	9.06	4,744	0.043	-	-	-	-	-	-	-	-	-	-	-	-
23.3) AA11 PRODUCTION ENGINEERING	A	-	-	0.027	-	-	0.032	-	-	-	-	-	-	-	-	-	-	-	-
23.4) AA11 QUALITY ASSURANCE	A	-	-	0.005	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 23) AA11 CTG, 7.62MM BALL LONG RANGE				2.046			2.197			0.000			0.000			0.000			0.000
24) AA12 CTG, 9MM SESAMS (RED)																			
† 24.1) AA12 COMPLETE ROUND	A	-	-	1.000	-	-	-	-	-	-	0.37	1,359,459	0.503	-	-	-	0.37	1,359,459	0.503
Subtotal 24) AA12 CTG, 9MM SESAMS (RED)				1.000			0.000			0.000			0.503			0.000			0.503
25) AA21 CTG, 9MM SESAMS (BLUE)																			
† 25.1) AA21 COMPLETE ROUND	A	-	-	1.384	-	-	-	-	-	-	0.36	2,180,556	0.785	-	-	-	0.36	2,180,556	0.785
Subtotal 25) AA21 CTG, 9MM SESAMS (BLUE)				1.384			0.000			0.000			0.785			0.000			0.785
26) AA40 CTG, 5.56MM JACKETED FRANGIBLE																			
† 26.1) AA40 COMPLETE ROUND	A	-	-	-	-	-	-	0.33	3,030,303	1.000	0.34	297,059	0.101	-	-	-	0.34	297,059	0.101
Subtotal 26) AA40 CTG, 5.56MM JACKETED FRANGIBLE				0.000			0.000			1.000			0.101			0.000			0.101
27) AA54 CTG, DOOR BREACHING																			

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition							Aggregated Item Name: Small Arms Ammunition					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
† 27.1) AA54 COMPLETE ROUND	A	-	-	-	-	-	-	-	-	-	2.36	167,859	0.396	-	-	-	2.36	167,859	0.396
27.2) AA54 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	-	-	-	0.003	-	-	-	-	-	0.003
Subtotal 27) AA54 CTG, DOOR BREACHING				0.000			0.000			0.000			0.399			0.000			0.399
28) AA68 CTG, 5.56MM SR TRAIN M862																			
† 28.1) AA68 COMPLETE ROUND	A	-	-	-	-	-	-	-	-	-	0.46	584,972	0.270	-	-	-	0.46	584,972	0.270
Subtotal 28) AA68 CTG, 5.56MM SR TRAIN M862				0.000			0.000			0.000			0.270			0.000			0.270
29) AA91 CTG 5.56MM MK289-0 FX MKG BLUE																			
† 29.1) AA91 COMPLETE ROUND	A	-	-	-	-	-	-	0.50	200,000	0.100	0.55	2,049,091	1.127	-	-	-	0.55	2,049,091	1.127
Subtotal 29) AA91 CTG 5.56MM MK289-0 FX MKG BLUE				0.000			0.000			0.100			1.127			0.000			1.127
30) AA92 CTG, 5.56MM FX RED MKG LKD																			
† 30.1) AA92 COMPLETE ROUND	A	-	-	-	-	-	-	-	-	-	0.55	2,125,455	1.169	-	-	-	0.55	2,125,455	1.169
Subtotal 30) AA92 CTG, 5.56MM FX RED MKG LKD				0.000			0.000			0.000			1.169			0.000			1.169
31) AB05 CTG, 5.56MM ORANGE MKG SNGL RD																			
† 31.1) AB05 COMPLETE ROUND	A	-	-	-	-	-	-	-	-	-	0.55	3,738,182	2.056	-	-	-	0.55	3,738,182	2.056
Subtotal 31) AB05 CTG, 5.56MM ORANGE MKG SNGL RD				0.000			0.000			0.000			2.056			0.000			2.056

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Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition						Aggregated Item Name: Small Arms Ammunition					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
32) AB06 CTG, 5.56MM FX RED MKG SGL RD																			
† 32.1) AB06 COMPLETE ROUND	A	-	-	-	-	-	-	-	-	-	0.55	4,512,727	2.482	-	-	-	0.55	4,512,727	2.482
Subtotal 32) AB06 CTG, 5.56MM FX RED MKG SGL RD				0.000			0.000			0.000			2.482			0.000			2.482
33) APKM, FOREIGN AMMO ALL TYPES																			
† 33.1) APKM COMPLETE ROUND	A	-	-	-	0.68	2,500,000	1.700	0.61	4,918,032	3.000	-	-	-	-	-	-	-	-	-
Subtotal 33) APKM, FOREIGN AMMO ALL TYPES				0.000			1.700			3.000			0.000			0.000			0.000
34) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1																			
† 34.1) AXX1 COMPLETE ROUND	A	-	-	-	-	-	-	4.75	105,263	0.500	4.89	2,240,286	10.955	-	-	-	4.89	2,240,286	10.955
Subtotal 34) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1				0.000			0.000			0.500			10.955			0.000			10.955
35) AXX2 CTG, CALIBER .50 REDUCED RANGE BALL LINK																			
† 35.1) AXX2 COMPLETE ROUND	A	-	-	-	-	-	-	4.61	108,344	0.500	4.65	563,226	2.619	-	-	-	4.65	563,226	2.619
Subtotal 35) AXX2 CTG, CALIBER .50 REDUCED RANGE BALL LINK				0.000			0.000			0.500			2.619			0.000			2.619
36) AXX3 CTG 9MM BLANK SINGLE ROUND																			
† 36.1) AXX3 COMPLETE ROUND	A	-	-	-	-	-	-	2.00	50,000	0.100	2.42	54,545	0.132	-	-	-	2.42	54,545	0.132
Subtotal 36) AXX3 CTG 9MM BLANK SINGLE ROUND				0.000			0.000			0.100			0.132			0.000			0.132

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Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition							Aggregated Item Name: Small Arms Ammunition					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
37) FDTC FIRST DESTINATION TRANSPORTATION																			
37.1) FDTC FIRST DESTINATION TRANSPORTATION	A	-	-	-	-	-	2.133	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 37) FDTC FIRST DESTINATION TRANSPORTATION				0.000			2.133			0.000			0.000			0.000			0.000
38) Z203 CTG, 7.62MM X 39 BALL F/ AK-47																			
† 38.1) Z203 COMPLETE ROUND	A	-	-	-	-	-	-	-	-	-	0.30	1,370,000	0.411	-	-	-	0.30	1,370,000	0.411
Subtotal 38) Z203 CTG, 7.62MM X 39 BALL F/AK-47				0.000			0.000			0.000			0.411			0.000			0.411
39) Z205 CTG, 7.62X54RMM BALL F/DRAGUNOV PKM																			
† 39.1) Z205 COMPLETE ROUND	A	-	-	-	-	-	-	-	-	-	0.78	2,733,333	2.132	-	-	-	0.78	2,733,333	2.132
Subtotal 39) Z205 CTG, 7.62X54RMM BALL F/DRAGUNOV PKM				0.000			0.000			0.000			2.132			0.000			2.132
40) Z209 CTG, 12.7X108MM API F/ DSHK																			
40.1) Z209 COMPLETE ROUND	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 40) Z209 CTG, 12.7X108MM API F/DSHK				0.000			0.000			0.000			0.000			0.000			0.000
Total				39.549			83.371			78.387			83.733			10.948			94.681
Remarks:																			



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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2) A017 CTG, 12 GAUGE # 9 SHOT												
2.1) A017 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2013	Mar 2014	713,518	0.33	Y		
3) A023 CTG, 12 GAUGE SLUG												
3.1) A023 CTG, 12 GAUGE SLUG		2012	UNKNOWN / UNKNOWN	TBD	NSWC CD, CRANE, IN	Jun 2012	Dec 2012	250,769	0.65	Y		Dec 2011
3.1) A023 CTG, 12 GAUGE SLUG		2013	UNKNOWN / UNKNOWN	TBD	NSWC CD, CRANE, IN	Apr 2013	Oct 2013	384,615	0.65	Y		Dec 2011
4) A059 CTG, 5.56MM BALL												
†4.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)		2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2011	Oct 2012	115,500,760	0.32	Y		
†4.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)	✓	2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, ILRock Island Arsenal, IL	Mar 2011	Oct 2011	18,171,884	0.32	Y		
†4.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Jan 2013	65,887,346	0.37	Y		
†4.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)	✓	2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / TBD	Rock Island Arsenal, ILRock Island Arsenal, IL	Mar 2012	Jan 2013	18,054,244	0.37	Y		
†4.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)		2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2013	Oct 2013	79,398,683	0.39	Y		
†4.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)	✓	2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2013	Oct 2013	8,849,731	0.39	Y		
†4.2) A059 LOAD, ASSEMBLE AND PACK (LAP) (2)		2011	OLIN CORPORATION / ILLINOIS	C / FFP	Rock Island Arsenal, ILRock Island Arsenal, IL	Jul 2011	Sep 2012	7,372,389	0.32	Y		
4.3) A059 BOX METAL M2A1 (EA) (1)		2010	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2010	Jun 2010	245,988	8.35	Y		
4.3) A059 BOX METAL M2A1 (EA) (1)		2011	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, ILRock Island Arsenal, IL	Apr 2011	Jun 2011	148,677	9.24	Y		
4.3) A059 BOX METAL M2A1 (EA) (1)	✓	2011	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Apr 2011	Jun 2011	21,988	9.24	Y		
4.3) A059 BOX METAL M2A1 (EA) (1)		2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	63,779	9.49	Y		

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<b>Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy</b>										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1				<b>P-1 Line Item Nomenclature:</b> 1000 - Small Arms Ammunition						<b>Aggregated Item Name:</b> Small Arms Ammunition		
<b>Cost Elements</b> († indicates the presence of a P-21)	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Contract Method and Type</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$)</b>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
4.3) A059 BOX METAL M2A1 (EA) (1)	✓	2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	17,477	9.49	Y		
4.3) A059 BOX METAL M2A1 (EA) (1)		2013	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2013	Jun 2013	76,857	11.83	Y		
4.3) A059 BOX METAL M2A1 (EA) (1)	✓	2013	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2013	Jun 2013	8,566	11.79	Y		
4.4) A059 BOX METAL M2A1 (EA) (2)	✓	2010	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2010	Jun 2010	2,000	8.97	Y		
4.4) A059 BOX METAL M2A1 (EA) (2)		2012	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL Rock Island Arsenal, IL	Mar 2012	Jun 2012	15,945	9.49	Y		
4.4) A059 BOX METAL M2A1 (EA) (2)	✓	2012	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	4,369	9.38	Y		
4.4) A059 BOX METAL M2A1 (EA) (2)		2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2013	Jun 2013	19,214	11.83	Y		
4.4) A059 BOX METAL M2A1 (EA) (2)	✓	2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2013	Jun 2013	2,142	11.67	Y		
<b>5) A062 CTG 5.56MM BALL LINKED</b>												
5.1) A062 COMPLETE ROUND		2010	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2010	Jun 2010	342,181	0.36	Y		
<b>6) A063 CTG, 5.56MM TRACER M856 SINGLE ROUND</b>												
6.1) A063 LOAD, ASSEMBLE AND PACK (LAP)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	654,188	0.75	Y		
6.2) A063 BOX METAL M2A1 (EA)		2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	805	9.49	Y		
<b>7) A064 CTG, 5.56MM 4 &amp; 1 LINKED</b>												
7.1) A064 COMPLETE ROUND		2010	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2010	Dec 2010	13,180,000	0.40	Y		
7.1) A064 COMPLETE ROUND	✓	2010	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2010	Mar 2011	5,729,528	0.40	Y		
7.1) A064 COMPLETE ROUND		2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2011	Jan 2012	5,859,200	0.44	Y		
7.1) A064 COMPLETE ROUND	✓	2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2011	Feb 2012	9,699,200	0.44	Y		
7.1) A064 COMPLETE ROUND		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	5,490,182	0.54	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
8) A075 CTG, 5.56MM BLANK LINKED												
8.1) A075 COMPLETE ROUND		2010	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2010	Jul 2010	6,343,243	0.37	Y		
8.1) A075 COMPLETE ROUND		2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2011	Aug 2011	4,724,800	0.35	Y		
8.1) A075 COMPLETE ROUND		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	2,279,596	0.43	Y		
9) A080 CTG, 5.56MM BLANK												
9.1) A080 LOAD, ASSEMBLE, AND PACK (LAP)		2010	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2010	Jul 2010	5,676,727	0.23	Y		
9.1) A080 LOAD, ASSEMBLE, AND PACK (LAP)		2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2011	Aug 2011	9,594,240	0.25	Y		
9.1) A080 LOAD, ASSEMBLE, AND PACK (LAP)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	6,299,736	0.30	Y		
9.2) A080 BOX METAL M2A1 (EA) (1)		2010	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2010	Jun 2010	5,005	9.99	Y		
9.2) A080 BOX METAL M2A1 (EA) (1)		2011	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Apr 2011	Jun 2011	8,539	9.25	Y		
9.2) A080 BOX METAL M2A1 (EA) (1)		2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	4,485	9.49	Y		
10) A091 CTG, 7.62MM BLANK LINKED												
10.1) A091 COMPLETE ROUND		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Jan 2012	Jul 2012	654,414	0.37	Y		
11) A131 CTG, 7.62MM 4 & 1 LINKED												
†11.1) A131 COMPLETE ROUND		2010	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2010	Sep 2011	10,380,282	0.71	Y		
†11.1) A131 COMPLETE ROUND		2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Jul 2011	Sep 2012	4,698,923	0.82	Y		
†11.1) A131 COMPLETE ROUND	✓	2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Jul 2011	Oct 2012	3,662,109	0.82	Y		
†11.1) A131 COMPLETE ROUND		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	5,254,367	0.95	Y		
†11.1) A131 COMPLETE ROUND	✓	2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	6,145,257	0.95	Y		
†11.1) A131 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2013	Mar 2014	4,721,451	0.98	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†11.1) A131 COMPLETE ROUND	✓	2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2013	Mar 2014	3,546,106	0.98	Y		
12) A143 CTG, 7.62MM BALL LINKED												
12.1) A143 COMPLETE ROUND		2010	UNKNOWN / UNKNOWN	C / TBD	** NO PCO **	Oct 2009	May 2010	6,692,647	0.68	Y		
12.1) A143 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, ILRock Island Arsenal, IL	Mar 2013	Mar 2014	4,263,668	0.91	Y		
13) A222 CTG, CAL. 30 BLANKM1909 SGL RD												
13.1) A222 COMPLETE ROUND		2013	TO BE SELECTED / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2013	Mar 2014	389,645	0.72	Y		
13.2) A222 BOX METAL M2A1 (EA) (1)		2013	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, ILRock Island Arsenal, IL	Mar 2013	Jun 2013	508	11.83	Y		
13.3) A222 BOX METAL M2A1 (EA) (2)		2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2013	Jun 2013	127	11.83	Y		
14) A260 CTG, 9MM SUBSONIC JHP												
14.1) A260 COMPLETE ROUND		2012	UNKNOWN / UNKNOWN	C / TBD	NSWC CD, CRANE, IN	Jan 2012	Jul 2012	174,286	0.35	Y		
15) A363 CTG, 9MM BALL												
15.1) A363 LOAD, ASSEMBLE, AND PACK (LAP)		2010	OLIN CORPORATION / ILLINOIS	SS / FFP	Rock Island Arsenal, IL	Jan 2010	Jul 2010	22,613,837	0.14	Y		
15.1) A363 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2011	OLIN CORPORATION / ILLINOIS	SS / FFP	Rock Island Arsenal, IL	Mar 2011	Jul 2011	2,418,751	0.17	Y		
15.1) A363 LOAD, ASSEMBLE, AND PACK (LAP)		2012	OLIN CORPORATION / ILLINOIS	SS / FFP	Rock Island Arsenal, IL	Jan 2012	Jul 2012	10,340,376	0.17	Y		
15.1) A363 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2012	OLIN CORPORATION / ILLINOIS	SS / FFP	Rock Island Arsenal, IL	Jan 2012	Jul 2012	483,297	0.17	Y		
15.1) A363 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2013	OLIN CORPORATION / ILLINOIS	SS / FFP	Rock Island Arsenal, IL	Jan 2013	Jul 2013	115,416	0.17	Y		
15.2) A363 BOX METAL M2A1 (EA) (1)		2010	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2010	Jun 2010	2,000	9.96	Y		
15.2) A363 BOX METAL M2A1 (EA) (1)	✓	2011	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2011	Jun 2011	2,443	9.14	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
15.2) A363 BOX METAL M2A1 (EA) (1)		2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	8,355	11.85	Y		
15.2) A363 BOX METAL M2A1 (EA) (1)	✓	2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, ILRock Island Arsenal, IL	Mar 2012	Jun 2012	391	11.85	Y		
15.2) A363 BOX METAL M2A1 (EA) (1)	✓	2013	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2013	Jun 2013	93	11.88	Y		
15.3) A363 BOX METAL M2A1 (EA) (2)		2010	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2010	Dec 2009	21,000	9.96	Y		
15.3) A363 BOX METAL M2A1 (EA) (2)		2012	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	2,089	11.76	Y		
15.3) A363 BOX METAL M2A1 (EA) (2)	✓	2012	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	98	11.83	Y		
15.3) A363 BOX METAL M2A1 (EA) (2)	✓	2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2013	Jun 2013	23	11.83	Y		
16) A475 CTG, CAL .45 BALL												
16.1) A475 LOAD, ASSEMBLE, AND PACK (LAP)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Jan 2012	Jul 2012	3,798,507	0.58	Y		
16.2) A475 BOX METAL M2A1 (EA) (1)		2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	3,069	11.86	Y		
16.3) A475 BOX METAL M2A1 (EA) (2)		2012	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	767	11.86	Y		
18) A576 CTG, CAL .50 4 & 1 LINKED												
†18.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)		2010	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Feb 2010	Apr 2011	4,240,154	2.59	Y		
†18.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)		2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2011	Oct 2011	2,337,913	2.79	Y		
†18.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	2,718,068	3.05	Y		
†18.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	2,131,817	3.05	Y		
†18.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2013	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	Rock Island Arsenal, IL	Mar 2013	Mar 2014	1,177,323	3.16	Y		
†18.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)		2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2013	Mar 2014	4,832,704	3.16	Y		
18.2) A576 BOX METAL M2A1 (EA) (1)		2010	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2010	Jun 2010	24,000	8.97	Y		

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<b>Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy</b>										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1				<b>P-1 Line Item Nomenclature:</b> 1000 - Small Arms Ammunition						<b>Aggregated Item Name:</b> Small Arms Ammunition		
<b>Cost Elements</b> († indicates the presence of a P-21)	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Contract Method and Type</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$)</b>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
18.2) A576 BOX METAL M2A1 (EA) (1)		2011	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Apr 2011	Jun 2011	23,847	9.48	Y		
18.2) A576 BOX METAL M2A1 (EA) (1)		2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	22,179	11.86	Y		
18.2) A576 BOX METAL M2A1 (EA) (1)	✓	2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	17,396	11.86	Y		
18.2) A576 BOX METAL M2A1 (EA) (1)		2013	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2013	Jun 2013	39,435	11.83	Y		
18.2) A576 BOX METAL M2A1 (EA) (1)	✓	2013	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2013	Jun 2013	9,607	11.87	Y		
18.3) A576 BOX METAL M2A1 (EA) (2)	✓	2010	GENESEE TRISTAR INC. / ROGERSVILLE, AL	C / FFP	Rock Island Arsenal, IL	Mar 2010	Jun 2010	20,000	10.43	Y		
18.3) A576 BOX METAL M2A1 (EA) (2)		2012	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	5,545	11.90	Y		
18.3) A576 BOX METAL M2A1 (EA) (2)	✓	2012	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	4,349	11.96	Y		
18.3) A576 BOX METAL M2A1 (EA) (2)		2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2013	Jun 2013	9,859	11.87	Y		
18.3) A576 BOX METAL M2A1 (EA) (2)	✓	2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2013	Jun 2013	2,402	11.66	Y		
<b>19) A598 CTG, CAL .50 BLANK LINKED M2</b>												
19.1) A598 LOAD, ASSEMBLE AND PACK (LAP)		2010	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Jun 2010	Oct 2010	55,580	1.66	Y		
19.1) A598 LOAD, ASSEMBLE AND PACK (LAP)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	469,838	1.95	Y		
19.2) A598 BOX METAL M2A1 (EA) (1)		2010	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2010	Jun 2010	557	8.97	Y		
19.2) A598 BOX METAL M2A1 (EA) (1)		2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2012	Jun 2012	3,834	11.86	Y		
19.3) A598 BOX METAL M2A1 (EA) (2)		2012	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2012	Mar 2012	958	11.86	Y		
<b>20) AA02 CTG, 5.56MM 4 AP M995/ 1 TRACER M856</b>												
20.1) AA02 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2011	NAMMO VANASVERKEN / KARLSBORG, SWEDEN	C / FFP	Rock Island Arsenal, IL	Aug 2011	Aug 2012	522,962	1.59	Y		
<b>21) AA03 CTG, 7.62MM M993 ARMOR PIERCING (AP)</b>												

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
21.1) AA03 COMPLETE ROUND	✓	2011	NAMMO VANASVERKEN / KARLSBORG, SWEDEN	C / FFP	Rock Island Arsenal, IL	Aug 2011	Aug 2012	734,715	2.56	Y		
22) AA04 CTG, 7.62MM 4 AP M995 TP 1 TRACER												
22.1) AA04 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2011	NAMMO VANASVERKEN / KARLSBORG, SWEDEN	C / FFP	Rock Island Arsenal, IL	Mar 2011	Mar 2012	179,729	2.24	Y		
23) AA11 CTG, 7.62MM BALL LONG RANGE												
23.1) AA11 LOAD, ASSEMBLE AND PACK (LAP)		2010	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Jul 2011	May 2012	2,293,023	0.86	Y		
23.1) AA11 LOAD, ASSEMBLE AND PACK (LAP)		2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Jul 2011	Jul 2012	411,736	0.98	Y		
23.1) AA11 LOAD, ASSEMBLE AND PACK (LAP)	✓	2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Jul 2011	Jun 2012	1,744,716	0.98	Y		
23.2) AA11 BOX METAL M2A1 (EA)		2010	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2010	Jun 2010	4,970	8.45	Y		
23.2) AA11 BOX METAL M2A1 (EA)		2011	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2011	Jun 2011	906	8.83	Y		
23.2) AA11 BOX METAL M2A1 (EA)	✓	2011	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	Mar 2011	Jun 2011	3,838	9.12	Y		
24) AA12 CTG, 9MM SESAMS (RED)												
24.1) AA12 COMPLETE ROUND		2010	GENERAL DYNAMICS / MONTREAL, CN	SS / FP	MCSC, QUANTICO, VA	Jan 2010	Jul 2010	2,777,777	0.36	Y		
24.1) AA12 COMPLETE ROUND		2013	GENERAL DYNAMICS / MONTREAL, CN	SS / FP	MCSC, QUANTICO, VA	Jan 2013	Apr 2013	1,359,459	0.37	Y		
25) AA21 CTG, 9MM SESAMS (BLUE)												
25.1) AA21 COMPLETE ROUND		2010	GENERAL DYNAMICS / MONTREAL, CN	SS / FP	MCSC, QUANTICO, VA	Jan 2010	Jul 2010	2,777,778	0.36	Y		
25.1) AA21 COMPLETE ROUND	✓	2010	GENERAL DYNAMICS / MONTREAL, CN	SS / FP	MCSC, QUANTICO, VA	Jan 2010	Jul 2010	1,066,667	0.36	Y		
25.1) AA21 COMPLETE ROUND		2013	GENERAL DYNAMICS / MONTREAL, CN	SS / FP	MCSC, QUANTICO, VA	Jan 2013	Apr 2013	2,180,556	0.36	Y		
26) AA40 CTG, 5.56MM JACKETED FRANGIBLE												
26.1) AA40 COMPLETE ROUND		2012	UNKNOWN / UNKNOWN	C / TBD	NSWC CD, CRANE, IN	Jan 2012	Jul 2012	3,030,303	0.33	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
26.1) AA40 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / TBD	MCSC, QUANTICO, VA	Mar 2013	Sep 2013	297,059	0.34	Y		
27) AA54 CTG, DOOR BREACHING												
27.1) AA54 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Apr 2013	Oct 2013	167,859	2.36	Y		
28) AA68 CTG, 5.56MM SR TRAIN M862												
28.1) AA68 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Aug 2013	Mar 2014	584,972	0.46	Y		
29) AA91 CTG 5.56MM MK289-0 FX MKG BLUE												
29.1) AA91 COMPLETE ROUND		2012	GENERAL DYNAMICS / MONTREAL, CN	SS / FP	MCSC, QUANTICO, VA	Jan 2012	Jul 2012	200,000	0.50	Y		
29.1) AA91 COMPLETE ROUND		2013	GENERAL DYNAMICS / MONTREAL, CN	SS / FP	MCSC, QUANTICO, VA	Mar 2013	Jun 2013	2,049,091	0.55	Y		
30) AA92 CTG, 5.56MM FX RED MKG LKD												
30.1) AA92 COMPLETE ROUND		2013	GENERAL DYNAMICS / MONTREAL, CN	SS / FP	MCSC, QUANTICO, VA	Mar 2013	Sep 2013	2,125,455	0.55	Y		
31) AB05 CTG, 5.56MM ORANGE MKG SNGL RD												
31.1) AB05 COMPLETE ROUND		2013	GENERAL DYNAMICS / MONTREAL, CN	SS / FP	MCSC, QUANTICO, VA	Mar 2013	Sep 2013	3,738,182	0.55	Y		
32) AB06 CTG, 5.56MM FX RED MKG SGL RD												
32.1) AB06 COMPLETE ROUND		2013	GENERAL DYNAMICS / MONTREAL, CN	SS / FP	MCSC, QUANTICO, VA	Mar 2013	Sep 2013	4,512,727	0.55	Y		
33) APKM, FOREIGN AMMO ALL TYPES												
33.1) APKM COMPLETE ROUND		2011	TAOS INDUSTRIES / HUNTSVILLE, AL	SS / FP	NSA, PEO, PICATINNEY, NJ	Jan 2011	Jul 2011	2,500,000	0.68	Y		
33.1) APKM COMPLETE ROUND		2012	TAOS INDUSTRIES / HUNTSVILLE, AL	SS / FP	NSA, PEO, PICATINNEY, NJ	Jan 2012	Jul 2012	4,918,032	0.61	Y		
34) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1												



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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1			P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition						Aggregated Item Name: Small Arms Ammunition			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†34.1) AXX1 COMPLETE ROUND		2012	UNKNOWN / UNKNOWN	C / TBD	NSWC CD, CRANE, IN	Jan 2012	Jul 2012	105,263	4.75	Y		
†34.1) AXX1 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / TBD	NSWC CD, CRANE, IN	Jan 2013	Jul 2013	2,240,286	4.89	Y		
35) AXX2 CTG, CALIBER .50 REDUCED RANGE BALL LINK												
35.1) AXX2 COMPLETE ROUND		2012	UNKNOWN / UNKNOWN	C / TBD	NSWC CD, CRANE, IN	Jan 2012	Jul 2012	108,344	4.61	Y		
35.1) AXX2 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / TBD	NSWC CD, CRANE, IN	Jan 2013	Jul 2013	563,226	4.65	Y		
36) AXX3 CTG 9MM BLANK SINGLE ROUND												
36.1) AXX3 COMPLETE ROUND		2012	UNKNOWN / UNKNOWN	C / TBD	NSWC CD, CRANE, IN	Jan 2012	Jul 2012	50,000	2.00	Y		
36.1) AXX3 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / TBD	NSWC CD, CRANE, IN	Jan 2013	Jul 2013	54,545	2.42	Y		
38) Z203 CTG, 7.62MM X 39 BALL F/AK-47												
38.1) Z203 COMPLETE ROUND		2013	TAOS INDUSTRIES / HUNTSVILLE, AL	C / BPA	NSA, PEO, PICATINNEY, NJ	Mar 2013	Sep 2013	1,370,000	0.30	Y		
39) Z205 CTG, 7.62X54RMM BALL F/DRAGUNOV PKM												
39.1) Z205 COMPLETE ROUND		2013	TAOS INDUSTRIES / HUNTSVILLE, AL	C / TBD	NSA, PEO, PICATINNEY, NJ	Mar 2013	Sep 2013	2,733,333	0.78	Y		
Remarks:												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition										Aggregated Item Name: Small Arms Ammunition																			
COST ELEMENTS Units in Millions (* = < 500 units)							Fiscal Year 2011													Fiscal Year 2012																			
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2011																				Calendar Year 2012												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									
4) A059 CTG, 5.56MM BALL																																							
4.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)																																							
	1	2011	NAVY	115.5	0	115.5	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115.5						
✓	1	2011	NAVY	18.17	0	18.17	-	-	-	-	-	A -	-	-	-	-	-	-	9.692	8.48																			
	1	2012	NAVY	65.89	0	65.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	65.89						
✓	1	2012	NAVY	18.05	0	18.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	18.05						
	2	2013	NAVY	79.4	0	79.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79.4						
✓	2	2013	NAVY	8.85	0	8.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.85						
4.2) A059 LOAD, ASSEMBLE AND PACK (LAP) (2)																																							
	3	2011	NAVY	7.372	0	7.372	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.372						
11) A131 CTG, 7.62MM 4 & 1 LINKED																																							
11.1) A131 COMPLETE ROUND																																							
	4	2010	NAVY	10.38	0	10.38	-	-	-	-	-	-	-	-	-	-	-	3.3	3.006	4.074																			
	4	2011	NAVY	4.699	0	4.699	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.71	2.989						
✓	4	2011	NAVY	3.662	0	3.662	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.662						
	4	2012	NAVY	5.254	0	5.254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	5.254						
✓	4	2012	NAVY	6.145	0	6.145	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	6.145						
	5	2013	NAVY	4.721	0	4.721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.721						
✓	5	2013	NAVY	3.546	0	3.546	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.546						
18) A576 CTG, CAL .50 4 & 1 LINKED																																							
18.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)																																							
	6	2010	NAVY	4.24	0	4.24	-	-	-	-	-	-	.4	.4	.4	.4	.4	.395	.4	.4	.715	-	.33																
	6	2011	NAVY	2.338	0	2.338	-	-	-	-	-	A -	-	-	-	-	-	-	.195	.195	.195	.195	.195	.195	.195	.195	.195	.195	.195	.195	.195	.195							
	6	2012	NAVY	2.718	0	2.718	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	2.718						
✓	6	2012	NAVY	2.132	0	2.132	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	2.132						
✓	6	2013	NAVY	1.177	0	1.177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.177						
	7	2013	NAVY	4.833	0	4.833	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.833						
34) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1																																							
34.1) AXX1 COMPLETE ROUND																																							
							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									

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																			Date: February 2012																	
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition												Aggregated Item Name: Small Arms Ammunition																	
COST ELEMENTS Units in Millions (* = < 500 units)							Fiscal Year 2011										Fiscal Year 2012																			
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2011																			Calendar Year 2012										
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B					
							C	O	E	A	E	A	P	A	U	U	U	E	C	O	V	E	A	B	A	P	A	U	U	G	P	A				
	8	2012	NAVY	.105	0	.105	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	.105										
	8	2013	NAVY	2.24	0	2.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.24							
							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	V	E	A	B	A	P	A	U	U	G	P					

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																	
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition										Aggregated Item Name: Small Arms Ammunition																	
COST ELEMENTS Units in Millions (* = < 500 units)							Fiscal Year 2013										Fiscal Year 2014																				
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013																				Calendar Year 2014										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							
4) A059 CTG, 5.56MM BALL																																					
4.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)																																					
	1	2011	NAVY	115.5	0	115.5	10.1	30.26	41.11	34.03																											
✓	1	2011	NAVY	18.17	18.17	0																															
	1	2012	NAVY	65.89	0	65.89	-	-	-	5.55	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.44	5.937																	
✓	1	2012	NAVY	18.05	0	18.05	-	-	-	2.579	2.579	2.579	2.579	2.579	2.579	2.579																					
	2	2013	NAVY	79.4	0	79.4	-	-	-	-	-	A -	-	-	-	-	-	-	6.603	6.603	6.603	6.603	6.603	6.603	6.603	6.603	6.603	6.603	6.603	6.765							
✓	2	2013	NAVY	8.85	0	8.85	-	-	-	-	-	A -	-	-	-	-	-	-	.738	.738	.738	.738	.738	.738	.738	.738	.738	.738	.738	.738							
4.2) A059 LOAD, ASSEMBLE AND PACK (LAP) (2)																																					
	3	2011	NAVY	7.372	7.372	0																															
11) A131 CTG, 7.62MM 4 & 1 LINKED																																					
11.1) A131 COMPLETE ROUND																																					
	4	2010	NAVY	10.38	10.38	0																															
	4	2011	NAVY	4.699	1.71	2.989	1.308	1.681																													
✓	4	2011	NAVY	3.662	0	3.662	1.37	1.754	.538																												
	4	2012	NAVY	5.254	0	5.254	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438																				
✓	4	2012	NAVY	6.145	0	6.145	.512	.512	.512	.512	.512	.512	.512	.512	.512	.512	.512																				
	5	2013	NAVY	4.721	0	4.721	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	.394	.394	.394	.394	.394	.394	.394	.394	1.967						
✓	5	2013	NAVY	3.546	0	3.546	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	.296	.296	.296	.296	.296	.296	.296	.296	1.477						
18) A576 CTG, CAL .50 4 & 1 LINKED																																					
18.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)																																					
	6	2010	NAVY	4.24	4.24	0																															
	6	2011	NAVY	2.338	2.338	0																															
	6	2012	NAVY	2.718	0	2.718	.226	.226	.226	.226	.226	.226	.226	.226	.226	.226	.226																				
✓	6	2012	NAVY	2.132	0	2.132	.178	.178	.178	.178	.178	.178	.178	.178	.178	.178																					
✓	6	2013	NAVY	1.177	0	1.177	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	.098	.098	.098	.098	.098	.098	.098	.098	0.491						
	7	2013	NAVY	4.833	0	4.833	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	.403	.403	.403	.403	.403	.403	.403	.403	2.014						
34) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1																																					
34.1) AXX1 COMPLETE ROUND																																					
							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							

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																			Date: February 2012														
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition												Aggregated Item Name: Small Arms Ammunition														
COST ELEMENTS Units in Millions (* = < 500 units)							Fiscal Year 2013												Fiscal Year 2014														
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013												Calendar Year 2014														
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B		
							C	O	E	A	E	A	P	A	U	U	U	E	C	O	V	C	A	B	A	P	A	U	U	U	E	A	
	8	2012	NAVY	.105	.105	0																											
	8	2013	NAVY	2.24	0	2.24	-	-	-	A -	-	-	-	-	-	.2	.2	.2	.18	.18	.18	.18	.18	.18	.18	.18	.18	.2					
							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	V	C	A	B	A	P	A	U	U	U	E		
							T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P			

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012													
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition													Aggregated Item Name: Small Arms Ammunition													
COST ELEMENTS Units in Millions (* = < 500 units)							Fiscal Year 2015													Fiscal Year 2016													
O C O	MFR Ref #	FY	SERVICE*	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2015													Calendar Year 2016													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			
4) A059 CTG, 5.56MM BALL																																	
4.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)																																	
	1	2011	NAVY	115.5	115.5	0																											
✓	1	2011	NAVY	18.17	18.17	0																											
	1	2012	NAVY	65.89	65.89	0																											
✓	1	2012	NAVY	18.05	18.05	0																											
	2	2013	NAVY	79.4	79.4	0																											
✓	2	2013	NAVY	8.85	8.85	0																											
4.2) A059 LOAD, ASSEMBLE AND PACK (LAP) (2)																																	
	3	2011	NAVY	7.372	7.372	0																											
11) A131 CTG, 7.62MM 4 & 1 LINKED																																	
11.1) A131 COMPLETE ROUND																																	
	4	2010	NAVY	10.38	10.38	0																											
	4	2011	NAVY	4.699	4.699	0																											
✓	4	2011	NAVY	3.662	3.662	0																											
	4	2012	NAVY	5.254	5.254	0																											
✓	4	2012	NAVY	6.145	6.145	0																											
	5	2013	NAVY	4.721	2.754	1.967	.394	.394	.394	.394	.394																						
✓	5	2013	NAVY	3.546	2.069	1.477	.296	.296	.296	.296	.296																						
18) A576 CTG, CAL .50 4 & 1 LINKED																																	
18.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)																																	
	6	2010	NAVY	4.24	4.24	0																											
	6	2011	NAVY	2.338	2.338	0																											
	6	2012	NAVY	2.718	2.718	0																											
✓	6	2012	NAVY	2.132	2.132	0																											
✓	6	2013	NAVY	1.177	.687	.491	.098	.098	.098	.098	.098																						
	7	2013	NAVY	4.833	2.819	2.014	.403	.403	.403	.403	.403																						
34) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1																																	
34.1) AXX1 COMPLETE ROUND																																	
							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			

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																			Date: February 2012															
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition												Aggregated Item Name: Small Arms Ammunition															
COST ELEMENTS Units in Millions (* = < 500 units)							Fiscal Year 2015												Fiscal Year 2016															
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2015												Calendar Year 2016												B A 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	V	E	A	E	A	P	A	U	U	U	E	C	V	E	A	E	A	P	A	U	U	U	E		P		
	8	2012	NAVY	.105	.105	0																												
	8	2013	NAVY	2.24	2.24	0																												
							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	V	E	A	E	A	P	A	U	U	U	E	C	V	E	A	E	A	P	A	U	U	U	E	P			

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1	<b>P-1 Line Item Nomenclature:</b> 1000 - Small Arms Ammunition	<b>Aggregated Item Name:</b> Small Arms Ammunition

		PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	ALLIANT TECH DBA (LCAAP) - INDEPENDENCE, MO	0	*	*	6	6	7	13	6	6	7	13
2	UNKNOWN - UNKNOWN	0	*	*	6	6	7	13	6	6	7	13
3	OLIN CORPORATION - ILLINOIS	.002	1.667	19.5	6	6	7	13	6	6	7	13
4	ALLIANT TECH DBA (LCAAP) - INDEPENDENCE, MO	*	*	*	6	6	12	18	6	6	7	13
5	UNKNOWN - UNKNOWN	*	*	*	6	6	12	18	6	6	7	13
6	ALLIANT TECH DBA (LCAAP) - INDEPENDENCE, MO	0	*	*	6	6	12	18	6	6	7	13
7	UNKNOWN - UNKNOWN	0	*	*	6	6	12	18	6	6	7	13
8	UNKNOWN - UNKNOWN	*	*	*	6	6	9	15	6	6	6	12

**Remarks:**

‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.



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**Exhibit P-40, Budget Item Justification Sheet:** PB 2013 Navy **Date:** February 2012

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition	<b>P-1 Line Item Nomenclature:</b> 1030 - Linear Charges, All Types
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	10,028.087	23.894	24.351	24.645	9.940	34.585	76.128	10.183	40.434	11.314	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	10,028.087	23.894	24.351	24.645	9.940	34.585	76.128	10.183	40.434	11.314	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	10,028.087	23.894	24.351	24.645	9.940	34.585	76.128	10.183	40.434	11.314	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

## Description:

### Base Appropriation Request:

The Rocket Motor, 5-inch MK22 Mod 4 (DODIC J143) is a solid-fuel motor used for towing M58, M59, M68A2, and M69 Linear Demolition Charges (LDCs) into the air over obstacles or minefields for breaching, training, or test applications. The rocket motor is approximately 77 inches long, 5 inches in diameter, weighs 128 pounds, and contains 42 pounds of N-5 double-base propellant.

The Charge, Demolition High Explosive Linear M58A4 (DODIC M913) is a trailer-mounted and rocket-towed linear demolition charge designed to provide a clear path for combat vehicles during minefield and barrier breaching operations. The demolition section consists primarily of a 3/4-inch nylon core rope, 700 composition C4 demolition blocks, and two strands of pentaerythritol tetranitrate (PETN) detonating cord. The total explosive weight of the demolition blocks is 1,750 pounds. The FY13 funding increase from PB12 is below the Total Munitions Requirement (TMR), but does fund live fire training at current expenditure rates.

The MK7 MOD 2 mine clearing system, Anti-Personnel Obstacle Breaching System (APOBS) (DODIC MN79) consists of a line charge assembly and a fuze/rocket motor assembly. This item is a lightweight, self-contained, one-shot expendable system that is transported and deployed by a two-man team. APOBS uses the MK126 MOD1 rocket motor to propel a line charge over the obstacle. It is employed in combat operations to breach a lane through wire and anti-personnel mine obstacles.

### FY13 Overseas Contingency Operations Request (OCO):

DODIC M913, \$4.970. Lack of funding to replace training expenditures will further erode the USMC's War Reserve Munitions Requirement and training stockpile and negatively affect our ability to execute another contingency operation and/or prepare our Marines for war.

DODIC MN79, \$4.970. Lack of funding to replace training expenditures will further erode the USMC's War Reserve Munitions Requirement and training stockpile and negatively affect our ability to execute another contingency operation and/or prepare our Marines for war.

## UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy	<b>Date:</b> February 2012
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**Appropriation / Budget Activity / Budget Sub Activity:**

1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 :  
Marine Corps Ammunition

**P-1 Line Item Nomenclature:**

1030 - Linear Charges, All Types

**ID Code** (A=Service Ready, B=Not Service Ready) : A**Program Elements for Code B Items:****Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Linear Charges, All Types (See enclosed P-40A)	P40A, P5A, P21				10,028.087			23.894			24.351			24.645			9.940			34.585
<b>Total Gross/Weapon System Cost</b>					<b>10,028.087</b>			<b>23.894</b>			<b>24.351</b>			<b>24.645</b>			<b>9.940</b>			<b>34.585</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

**Justification:**

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types						Aggregated Item Name: Linear Charges, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
1) J143 RCKTMTR, 5IN MK22 MOD 4 F MICLIC																			
† 1.1) J143 LOAD, ASSEMBLE, PACK (LAP)	A	-	-	0.544	-	-	-	11,385.34	103	1.173	-	-	-	-	-	-	-	-	-
† 1.2) J143 PROPELLANT N-5	A	-	-	-	-	-	-	31.33	7,182	0.225	-	-	-	-	-	-	-	-	-
† 1.3) J143 EC INHIBITING TAPE	A	-	-	-	-	-	-	42.96	279	0.012	-	-	-	-	-	-	-	-	-
1.4) J143 QUALITY ASSURANCE	A	-	-	0.006	-	-	-	-	-	0.003	-	-	-	-	-	-	-	-	-
Subtotal 1) J143 RCKTMTR, 5IN MK22 MOD 4 F MICLIC				0.550			0.000			1.413			0.000			0.000			0.000
2) M913 CHG DEMO LINEAR M58 SERIES A4																			
† 2.1) M913 LOAD, ASSEMBLE, PACK (LAP)	A	-	-	2.386	18,654.45	174	3.246	19,155.97	134	2.567	24,974.76	160	3.996	24,974.76	68	1.698	24,974.76	228	5.694
† 2.2) M913 COMP C-4 CLASS 3	A	-	-	5.247	14.73	322,200	4.746	19.95	248,171	4.951	23.92	296,363	7.089	23.92	125,962	3.013	23.92	422,325	10.102
† 2.3) M913 FUZE ELECTRIC M113A4	A	-	-	0.170	1,256.93	174	0.219	2,542.26	134	0.341	2,856.87	160	0.457	2,856.87	68	0.194	2,856.87	228	0.651
2.4) M913 GOVERNMENT FURNISHED MATERIAL - FUZE ELECTRIC M113A4	A	-	-	9,999.000	-	-	-0.219	-	-	-	-	-	-	-	-	-	-	-	-
2.5) M913 PRODUCTION ENGINEERING	A	-	-	0.205	-	-	-	-	-	0.036	-	-	-	-	-	-	-	-	-
2.6) M913 QUALITY ASSURANCE	A	-	-	0.005	-	-	0.012	-	-	-	-	-	0.007	-	-	-	-	-	0.007
2.7) M913 ACCEPATANCE TESTING	A	-	-	0.038	-	-	-	-	-	-	-	-	0.060	-	-	-	-	-	0.060
2.8) M913 NON-ARDEC ENGINEERING	A	-	-	-	-	-	-	-	-	0.005	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1030 - Linear Charges, All Types								<b>Aggregated Item Name:</b> Linear Charges, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
2.9) M913 REMAINDER	A	-	-	-	-	-	0.042	-	-	0.038	-	-	0.026	-	-	0.065	-	-	0.091
Subtotal 2) M913 CHG DEMO LINEAR M58 SERIES A4				10,007.051			8.046			7.938			11.635			4.970			16.605
<b>3) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM</b>																			
† 3.1) MN79 COMPLETE ROUND	A	-	-	20.486	8,465.46	1,824	15.441	16,040.81	907	14.549	9,511.02	1,366	12.992	9,511.02	522	4.965	9,511.02	1,888	17.957
3.2) MN79 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.389	-	-	0.443	-	-	-	-	-	-	-	-	-
3.3) MN79 QUALITY ASSURANCE	A	-	-	-	-	-	0.007	-	-	0.008	-	-	0.009	-	-	-	-	-	0.009
3.4) MN79 REMAINDER	A	-	-	-	-	-	0.011	-	-	-	-	-	0.009	-	-	0.005	-	-	0.014
Subtotal 3) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM				20.486			15.848			15.000			13.010			4.970			17.980
<b>Total</b>				10,028.087			23.894			24.351			24.645			9.940			34.585
<b>Remarks:</b>																			

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types					Aggregated Item Name: Linear Charges, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) J143 RCKTMTR, 5IN MK22 MOD 4 F MICLIC												
1.1) J143 LOAD, ASSEMBLE, PACK (LAP)		2010	Naval Surface Warfare Center / Indian Head, MD	SS / FFP	ROCK ISLAND ARSENAL	Mar 2010	Sep 2010	51	10,672.00	Y		
1.1) J143 LOAD, ASSEMBLE, PACK (LAP)		2012	Naval Surface Warfare Center / Indian Head, MD	SS / FFP	ROCK ISLAND ARSENAL	Mar 2012	Sep 2013	103	11,385.34	Y		
1.2) J143 PROPELLANT N-5		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Jun 2012	7,182	31.33	Y		
1.3) J143 EC INHIBITING TAPE		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Jun 2012	279	42.96	Y		
2) M913 CHG DEMO LINEAR M58 SERIES A4												
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)		2010	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / IDIQ	ROCK ISLAND ARSENAL	Aug 2011	Oct 2012	31	17,670.30	Y		
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)	✓	2010	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / IDIQ	ROCK ISLAND ARSENAL	Aug 2011	Oct 2012	104	17,670.30	Y		
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)		2011	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL	Aug 2011	Aug 2013	174	18,654.45	Y		
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)		2012	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Sep 2013	20	19,155.97	Y		
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)	✓	2012	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Sep 2013	114	19,155.97	Y		
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)		2013	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL	Jul 2013	Jan 2015	160	24,974.76	Y		
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)	✓	2013	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL	Jul 2013	Jan 2015	68	24,974.76	Y		
†2.2) M913 COMP C-4 CLASS 3		2010	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL	Apr 2010	Jan 2011	57,408	20.99	Y		
†2.2) M913 COMP C-4 CLASS 3	✓	2010	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL	Apr 2010	Jan 2011	192,568	20.99	Y		
†2.2) M913 COMP C-4 CLASS 3		2011	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL	Sep 2011	Jul 2012	322,200	14.73	Y		
†2.2) M913 COMP C-4 CLASS 3		2012	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL	Apr 2012	Jul 2013	37,043	19.95	Y		
†2.2) M913 COMP C-4 CLASS 3	✓	2012	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL	Apr 2012	Jul 2013	211,128	19.95	Y		
†2.2) M913 COMP C-4 CLASS 3		2013	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	May 2013	Nov 2013	296,363	23.92	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types					Aggregated Item Name: Linear Charges, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†2.2) M913 COMP C-4 CLASS 3	✓	2013	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	May 2013	Nov 2013	125,962	23.92	Y		
2.3) M913 FUZE ELECTRIC M113A4		2010	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	ROCK ISLAND ARSENAL	Aug 2011	Aug 2011	31	1,256.93	Y		
2.3) M913 FUZE ELECTRIC M113A4	✓	2010	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	ROCK ISLAND ARSENAL	Aug 2011	Aug 2011	104	1,256.93	Y		
2.3) M913 FUZE ELECTRIC M113A4		2011	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	ROCK ISLAND ARSENAL	Aug 2011	Aug 2011	174	1,256.93	Y		
2.3) M913 FUZE ELECTRIC M113A4		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	May 2012	May 2013	20	2,542.26	Y		
2.3) M913 FUZE ELECTRIC M113A4	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	May 2012	May 2013	114	2,542.26	Y		
2.3) M913 FUZE ELECTRIC M113A4		2013	TO BE SELECTED / UNKNOWN	C / TBD	ROCK ISLAND ARSENAL	May 2013	May 2014	160	2,856.87	Y		
2.3) M913 FUZE ELECTRIC M113A4	✓	2013	TO BE SELECTED / UNKNOWN	C / TBD	ROCK ISLAND ARSENAL	May 2013	May 2014	68	2,856.87	Y		
3) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM												
†3.1) MN79 COMPLETE ROUND <sup>(1)</sup>		2010	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	ROCK ISLAND ARSENAL	Jun 2011	Jun 2012	1,627	12,591.27	Y		
†3.1) MN79 COMPLETE ROUND <sup>(2)</sup>		2011	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	ROCK ISLAND ARSENAL	Jun 2011	Jun 2012	795	8,550.00	Y		
†3.1) MN79 COMPLETE ROUND <sup>(3)</sup>	✓	2011	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	ROCK ISLAND ARSENAL	Jun 2011	Jun 2012	1,029	8,400.00	Y		
†3.1) MN79 COMPLETE ROUND <sup>(4)</sup>		2012	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Sep 2013	907	16,040.81	Y		
†3.1) MN79 COMPLETE ROUND		2013	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Sep 2014	1,366	9,511.02	Y		
†3.1) MN79 COMPLETE ROUND	✓	2013	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Sep 2014	522	9,511.02	Y		
Remarks: <sup>(1)</sup> FY 2010 and 2011 will be a new contract award. FY2012 procurment will be fixed price option to competitive contract awarded in FY 2011 <sup>(2)</sup> FY 2010 and 2011 will be a new contract award. FY2012 procurment will be fixed price option to competitive contract awarded in FY 2011 <sup>(3)</sup> FY 2010 and 2011 will be a new contract award. FY2012 procurment will be fixed price option to competitive contract awarded in FY 2011 <sup>(4)</sup> FY 2010 and 2011 will be a new contract award. FY2012 procurment will be fixed price option to competitive contract awarded in FY 20121												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012											
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types										Aggregated Item Name: Linear Charges, All Types														
COST ELEMENTS Units in Thousands							Fiscal Year 2011										Fiscal Year 2012																	
O C O	MFR Ref #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2011																			Calendar Year 2012								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				
2) M913 CHG DEMO LINEAR M58 SERIES A4																																		
2.1) M913 LOAD, ASSEMBLE, PACK (LAP)																																		
	9	2010	NAVY (5)	.031	0	.031	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.031	
✓	9	2010	NAVY (6)	.104	0	.104	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.104	
	9	2011	NAVY (7)	.174	0	.174	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.174	
	9	2012	NAVY	.02	0	.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	0.02	
✓	9	2012	NAVY	.114	0	.114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	0.114	
	9	2013	NAVY	.16	0	.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16	
✓	9	2013	NAVY	.068	0	.068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.068	
2.2) M913 COMP C-4 CLASS 3																																		
	10	2010	NAVY	57.41	0	57.41	-	-	-	57.41																								
✓	10	2010	NAVY	192.6	0	192.6	-	-	-	192.6																								
	10	2011	NAVY	322.2	0	322.2	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	322.2				
	10	2012	NAVY	37.04	0	37.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	37.04	
✓	10	2012	NAVY	211.1	0	211.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	211.1		
	11	2013	NAVY	296.4	0	296.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	296.4	
✓	11	2013	NAVY	126	0	126	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126	
3) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM																																		
3.1) MN79 COMPLETE ROUND																																		
	12	2010	NAVY	1.627	0	1.627	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	.2	.13	.13	.13	1.037		
	12	2011	NAVY	.795	0	.795	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	.068	.068	.068	.068	0.523			
✓	12	2011	NAVY	1.029	0	1.029	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	.089	.09	.09	.09	0.67			
	12	2012	NAVY	.907	0	.907	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	0.907		
	12	2013	NAVY	1.366	0	1.366	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.366		
✓	12	2013	NAVY	.522	0	.522	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.522		
							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				

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012																
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types										Aggregated Item Name: Linear Charges, All Types																			
COST ELEMENTS Units in Thousands							Fiscal Year 2013										Fiscal Year 2014																						
O C O	MFR Ref #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013																				Calendar Year 2014												
							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								
2) M913 CHG DEMO LINEAR M58 SERIES A4																																							
2.1) M913 LOAD, ASSEMBLE, PACK (LAP)																																							
	9	2010	NAVY (5)	.031	0	.031	.01	.01	.011																														
✓	9	2010	NAVY (6)	.104	0	.104	.015	.015	.015	.025	.025	.009																											
	9	2011	NAVY (7)	.174	0	.174	-	-	-	-	-	-	-	-	-	.044	.075	.055																					
	9	2012	NAVY	.02	0	.02	-	-	-	-	-	-	-	-	-	-	.001	.001	.018																				
✓	9	2012	NAVY	.114	0	.114	-	-	-	-	-	-	-	-	-	-	.002	.005	.007	.025	.025	.025	.025																
	9	2013	NAVY	.16	0	.16	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16							
✓	9	2013	NAVY	.068	0	.068	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.068							
2.2) M913 COMP C-4 CLASS 3																																							
	10	2010	NAVY	57.41	57.41	0																																	
✓	10	2010	NAVY	192.6	192.6	0																																	
	10	2011	NAVY	322.2	322.2	0																																	
	10	2012	NAVY	37.04	0	37.04	-	-	-	-	-	-	-	-	-	-	37.04																						
✓	10	2012	NAVY	211.1	0	211.1	-	-	-	-	-	-	-	-	-	-	211.1																						
	11	2013	NAVY	296.4	0	296.4	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
✓	11	2013	NAVY	126	0	126	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
3) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM																																							
3.1) MN79 COMPLETE ROUND																																							
	12	2010	NAVY	1.627	.59	1.037	.13	.13	.13	.13	.13	.13	.13	.13	.127																								
	12	2011	NAVY	.795	.272	.523	.068	.068	.068	.068	.068	.068	.068	.068	.047																								
✓	12	2011	NAVY	1.029	.359	.67	.09	.09	.09	.08	.08	.08	.08	.08																									
	12	2012	NAVY	.907	0	.907	-	-	-	-	-	-	-	-	-	-	-	.075	.075	.075	.075	.075	.075	.075	.075	.075	.075	.075	.075	.082									
	12	2013	NAVY	1.366	0	1.366	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.111	1.255							
✓	12	2013	NAVY	.522	0	.522	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.043	0.479								
							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									



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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012											
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types										Aggregated Item Name: Linear Charges, All Types														
COST ELEMENTS Units in Thousands							Fiscal Year 2015										Fiscal Year 2016																	
O C O	MFR Ref #	FY	SERVICE <sup>±</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2015																			Calendar Year 2016								
							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			
2) M913 CHG DEMO LINEAR M58 SERIES A4																																		
2.1) M913 LOAD, ASSEMBLE, PACK (LAP)																																		
	9	2010	NAVY <sup>(5)</sup>	.031	.031	0																												
✓	9	2010	NAVY <sup>(6)</sup>	.104	.104	0																												
	9	2011	NAVY <sup>(7)</sup>	.174	.174	0																												
	9	2012	NAVY	.02	.02	0																												
✓	9	2012	NAVY	.114	.114	0																												
	9	2013	NAVY	.16	0	.16	-	-	-	.055	.055	.05																						
✓	9	2013	NAVY	.068	0	.068	-	-	-	.01	.01	.015	.033																					
2.2) M913 COMP C-4 CLASS 3																																		
	10	2010	NAVY	57.41	57.41	0																												
✓	10	2010	NAVY	192.6	192.6	0																												
	10	2011	NAVY	322.2	322.2	0																												
	10	2012	NAVY	37.04	37.04	0																												
✓	10	2012	NAVY	211.1	211.1	0																												
	11	2013	NAVY	296.4	296.4	0																												
✓	11	2013	NAVY	126	126	0																												
3) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM																																		
3.1) MN79 COMPLETE ROUND																																		
	12	2010	NAVY	1.627	1.627	0																												
	12	2011	NAVY	.795	.795	0																												
✓	12	2011	NAVY	1.029	1.029	0																												
	12	2012	NAVY	.907	.907	0																												
	12	2013	NAVY	1.366	.111	1.255	.111	.111	.111	.111	.111	.111	.111	.111	.111	.121	.135																	
✓	12	2013	NAVY	.522	.043	.479	.043	.043	.043	.043	.043	.043	.043	.043	.043	.043	.049																	
							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				

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1	<b>P-1 Line Item Nomenclature:</b> 1030 - Linear Charges, All Types	<b>Aggregated Item Name:</b> Linear Charges, All Types

		PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	AMERICAN ORDNANCE - MIDDLETOWN, IA	.025	.075	.1	8	8	24	32	6	6	18	24
2	BAE ORDNANCE SYSTEMS - KINDSPORT, TN	0	0	0	8	8	8	16	8	8	8	16
3	TO BE SELECTED - UNKNOWN	0	0	0	0	0	0	0	0	0	0	0
4	CHEMRING ORDNANCE, INC. - PERRY,FL	.025	.13	.3	8	8	24	32	6	6	18	24

**Remarks:**

‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

<sup>(5)</sup>The FY10 and FY11 Quantities will be awarded together in August 2011 on a new contract

<sup>(6)</sup>The FY10 and FY11 Quantities will be awarded together in August 2011 on a new contract

<sup>(7)</sup>The FY10 and FY11 Quantities will be awarded together in August 2011 on a new contract

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition						P-1 Line Item Nomenclature: 1050 - 40 MM, All Types						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	133.366	109.329	92.848	16.201	5.963	22.164	34.032	12.735	20.051	13.272	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	133.366	109.329	92.848	16.201	5.963	22.164	34.032	12.735	20.051	13.272	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	133.366	109.329	92.848	16.201	5.963	22.164	34.032	12.735	20.051	13.272	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Description: Base Appropriation Request:  The Cartridge, 40mm Green Smoke Ground Marker M715(DODIC B508) is a fixed round of ammunition consisting of a projectile assembly and a cartridge case assembly. The projectile assembly contains a pyrotechnic smoke payload. Fired from the M203 Grenade Launcher and provides aerial identification and location of troops on the ground. Upon impact, the cartridge emits green colored smoke for approximately 25 seconds.  The Cartridge, 40mm Yellow Smoke Ground Marker M716(DODIC B509) is a fixed round of ammunition consisting of a projectile assembly and a cartridge case assembly. The projectile assembly contains a pyrotechnic smoke payload. Fired from the M203 Grenade Launcher and provides aerial identification and location of troops on the ground. Upon impact, the cartridge emits yellow colored smoke for approximately 25 seconds.  The Cartridge, 40mm Target Practice (TP) M781(DODIC B519) is a fixed cartridge consisting of a plastic ogive, metal body, and plastic cartridge case. The ogive houses a highly visible yellow-orange dye. The cartridge case is press-fitted with a .38 caliber blank cartridge containing the propellant. Fired from the M203 Grenade Launcher, used for training and contains no high explosive. Upon impact, the projectile ruptures and releases a yellow-orange dye simulating explosive impact.  The Cartridge, 40mm White Star Parachute M583/M583A1(DODIC B535) is a fixed cartridge consisting of a projectile assembly and a cartridge case assembly. Fired from the M203 Grenade Launcher and used for illumination and signaling.  The Cartridge, 40mm High-Explosive Dual-Purpose(HEDP) M430/M430A1 Linked(DODIC B542) is a fixed cartridge consisting of an ogive, projectile body, and cartridge case. Fired from the MK19 Mod3 Grenade Machine Gun. The projectile's shaped charge is designed to penetrate two inches of steel armor and inflict personnel casualties in the target area.  The Cartridge, 40mm HEDP M433(DODIC B546) is a fixed round of ammunition consisting of an ogive, projectile body, and cartridge case. Fired from the M203 Grenade Launcher and is a high explosive, dual-purpose round. The projectile's shaped charge is designed to penetrate two inches of steel armor and inflict personnel casualties in the target area.  The Cartridge, 40mm Practice Day/Night, Linked M281 MOD 1 (DODIC BA21) is a fixed cartridge consisting of a projectile body, containing a marker that is visible during both day and night operations, and cartridge case. Fired from the MK19 Mod 3 Grenade Machine Gun for practice or weapon proof testing. Procured as a replacement for the BA12 cartridge.												

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**Appropriation / Budget Activity / Budget Sub Activity:**  
1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 :  
Marine Corps Ammunition

**P-1 Line Item Nomenclature:**  
1050 - 40 MM, All Types

<b>Program Elements for Code B Items:</b>	
1. <b>Program Elements for Code B Items:</b>	

Other Related Program Elements:
---------------------------------

The Cartridge, 40mm TP Day/Night M1110(DODIC BA35) is a fixed cartridge consisting of a plastic ogive, metal body, and plastic cartridge case. The ogive houses a highly visible yellow-orange dye and ampules of chemical that cause a visible light signature. Cartridge case is press-fitted with a .38 caliber blank cartridge containing the propellant. Fired from the M203 Grenade Launcher, used for training and contains no high explosive. Upon impact, the projectile ruptures and releases a puff of yellow-orange dye simulating explosive impact and the visible light display.

FY13 Overseas Contingency Operations Request (OCO):

DODIC B542, \$5.963M. Lack of funding to replace combat expenditures will further erode USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.

Item Schedule			Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
40 MM, All Types (See enclosed P-40A)	P40A, P5A, P21				133.366			109.329			92.848			16.201			5.963			22.164
<b>Total Gross/Weapon System Cost</b>					<b>133.366</b>			<b>109.329</b>			<b>92.848</b>			<b>16.201</b>			<b>5.963</b>			<b>22.164</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

**Justification:**

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1050 - 40 MM, All Types						Aggregated Item Name: 40 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) B504, CTG, 40MM GREEN STAR PARACHUTE																			
1.1) B504 LOAD, ASSEMBLE, AND PACK	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) B504 PRODUCTION ENGINEERING	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) B504 QUALITY ASSURANCE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) B504, CTG, 40MM GREEN STAR PARACHUTE				0.000			0.000			0.000			0.000			0.000			0.000
2) B505, CTG, 40MM RED STAR PARACHUTE																			
2.1) B505 LOAD, ASSEMBLE, AND PACK	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) B505 PRODUCTION ENGINEERING	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) B505 QUALITY ASSURANCE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) B505, CTG, 40MM RED STAR PARACHUTE				0.000			0.000			0.000			0.000			0.000			0.000
3) B506, CTG, 40MM RED SMOKE GROUND M713																			
3.1) B506 LOAD, ASSEMBLE, AND PACK	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) B506 PRODUCTION ENGINEERING	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) B506 QUALITY ASSURANCE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4) ECBC NON ARDEC ENGINEERING	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) B506, CTG, 40MM RED				0.000			0.000			0.000			0.000			0.000			0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1050 - 40 MM, All Types							Aggregated Item Name: 40 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
SMOKE GROUND M713																			
4) B508, CTG, 40MM GREEN SMOKE GROUND M715																			
† 4.1) B508 LOAD, ASSEMBLE, AND PACK	A	-	-	-	98.52	6,313	0.622	78.95	1,102	0.087	-	-	-	-	-	-	-	-	-
4.2) B508 CASE CTG 40MM M118 LLD	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) B508 NITROCELLULOSE WW GD D (LB)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.4) B508 DELAY ASSEMBLY	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.5) B508 METAL BOX M2A1 C1	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.6) B508 METAL BOX M2A1 C2	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.7) B508 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.084	-	-	0.125	-	-	-	-	-	-	-	-	-
4.8) B508 QUALITY ASSURANCE	A	-	-	-	-	-	0.008	-	-	0.004	-	-	-	-	-	-	-	-	-
4.9) B508 ECBC NON ARDEC ENGINEERING	A	-	-	-	-	-	-	-	-	0.084	-	-	-	-	-	-	-	-	-
Subtotal 4) B508, CTG, 40MM GREEN SMOKE GROUND M715				0.000			0.714			0.300			0.000			0.000			0.000
5) B509, CTG, 40MM YELLOW SMOKE GROUND M716																			
† 5.1) B509 LOAD, ASSEMBLE, AND PACK	A	-	-	-	-	-	-	78.95	1,102	0.087	-	-	-	-	-	-	-	-	-
5.2) B509 CASE CTG 40MM M118 LLD	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) B509 NITROCELLULOSE WW GD D (LB)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1050 - 40 MM, All Types								<b>Aggregated Item Name:</b> 40 MM, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
5.4) B509 DELAY ASSEMBLY	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5) B509 BOX METAL M2A1 C1	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.6) B509 BOX METAL M2A1 C2	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.7) B509 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.125	-	-	-	-	-	-	-	-	-
5.8) B509 QUALITY ENGINEERING	A	-	-	-	-	-	-	-	-	0.004	-	-	-	-	-	-	-	-	-
5.9) B509 ECBC NON ARDEC ENGINEERING	A	-	-	-	-	-	-	-	-	0.084	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) B509, CTG, 40MM YELLOW SMOKE GROUND M716</i>				0.000			0.000			0.300			0.000			0.000			0.000
<b>6) B519, CTG, 40MM PRACTICE SNGL M781</b>																			
† 6.1) B519 LOAD, ASSEMBLE, AND PACK C1	A	-	-	0.515	3.75	727,733	2.729	-	-	-	-	-	-	-	-	-	-	-	-
† 6.2) B519 LOAD, ASSEMBLE, AND PACK C2	A	-	-	1.628	3.75	485,067	1.819	-	-	-	-	-	-	-	-	-	-	-	-
6.3) B519 PRODUCTION ENGINEERING	A	-	-	0.312	-	-	0.470	-	-	-	-	-	-	-	-	-	-	-	-
6.4) B519 QUALITY ENGINEERING	A	-	-	0.004	-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) B519, CTG, 40MM PRACTICE SNGL M781</i>				2.459			5.023			0.000			0.000			0.000			0.000
<b>7) B535, CTG, 40MM WHITE STAR PARACHUTE M583A1</b>																			
7.1) B535 LOAD, ASSEMBLE, AND PACK C1	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1050 - 40 MM, All Types								<b>Aggregated Item Name:</b> 40 MM, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 7.2) B535 LOAD, ASSEMBLE, AND PACK C2	A	-	-	9.614	43.57	75,052	3.270	51.21	30,307	1.552	-	-	-	-	-	-	-	-	-
7.3) B535 PRODUCTION ENGINEERING	A	-	-	0.353	-	-	0.599	-	-	0.599	-	-	-	-	-	-	-	-	-
7.4) B535 QUALITY ASSURANCE	A	-	-	0.010	-	-	0.006	-	-	0.003	-	-	-	-	-	-	-	-	-
7.5) B535 EPA	A	-	-	0.003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 7) B535, CTG, 40MM WHITE STAR PARACHUTE M583A1</i>				9.980			3.875			2.154			0.000			0.000			0.000
<b>8) B542, CTG, 40MM HEDP LNKD</b>																			
† 8.1) B542 LOAD, ASSEMBLE, AND PACK C1	A	-	-	44.473	33.89	1,027,377	34.819	39.49	526,842	20.805	41.63	197,214	8.210	41.63	78,789	3.280	41.63	276,003	11.490
† 8.2) B542 LOAD, ASSEMBLE, AND PACK C2	A	-	-	45.346	33.89	840,573	28.488	39.49	431,071	17.023	41.63	161,350	6.717	41.63	64,449	2.683	41.63	225,799	9.400
8.3) B542 PRODUCTION ENGINEERING	A	-	-	0.501	-	-	0.857	-	-	0.721	-	-	1.252	-	-	-	-	-	1.252
8.4) B542 QUALITY ASSURANCE	A	-	-	0.013	-	-	0.021	-	-	0.018	-	-	0.022	-	-	-	-	-	0.022
8.5) B542 FIRST ARTICLE TEST	A	-	-	0.161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 8) B542, CTG, 40MM HEDP LNKD</i>				90.494			64.185			38.567			16.201			5.963			22.164
<b>9) B546, CTG, 40MM HEDP SNGL</b>																			
† 9.1) B546 LOAD, ASSEMBLE, AND PACK C1	A	-	-	16.319	44.21	225,942	9.989	54.15	132,225	7.160	-	-	-	-	-	-	-	-	-
† 9.2) B546 LOAD, ASSEMBLE, AND PACK C2	A	-	-	13.078	44.21	184,843	8.172	54.15	108,181	5.858	-	-	-	-	-	-	-	-	-



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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1050 - 40 MM, All Types								<b>Aggregated Item Name:</b> 40 MM, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
9.3) B546 PRODUCTION ENGINEERING	A	-	-	0.631	-	-	0.841	-	-	0.703	-	-	-	-	-	-	-	-	-
9.4) B546 QUALITY ASSURANCE	A	-	-	0.021	-	-	0.029	-	-	0.024	-	-	-	-	-	-	-	-	-
9.5) B546 FIRST ARTICLE TEST	A	-	-	0.384	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 9) B546, CTG, 40MM HEDP SNGL				30.433			19.031			13.745			0.000			0.000			0.000
<b>10) BA12, CTG, 40MM PRACTICE MK281/0</b>																			
10.1) BA12 LOAD, ASSEMBLE, AND PACK	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.2) BA12 PRODUCTION ENGINEERING	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.3) BA12 QUALITY ASSURANCE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 10) BA12, CTG, 40MM PRACTICE MK281/0				0.000			0.000			0.000			0.000			0.000			0.000
<b>11) BA21, CTG, 40,, PRACTICE DAY/ NIGHT MK281/1</b>																			
† 11.1) BA21 LOAD, ASSEMBLE, AND PACK	A	-	-	-	-	-	-	30.78	474,431	14.603	-	-	-	-	-	-	-	-	-
11.2) BA21 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.268	-	-	-	-	-	-	-	-	-
11.3) BA21 QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.129	-	-	-	-	-	-	-	-	-
Subtotal 11) BA21, CTG, 40,, PRACTICE DAY/NIGHT MK281/1				0.000			0.000			15.000			0.000			0.000			0.000
<b>12) BA35, CTG, 40MM PRACTICE DAY/NIGHT M1110</b>																			
† 12.1) BA35 LOAD,	A	-	-	-	9.75	1,639,795	15.988	10.04	2,208,167	22.170	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB 2013 Navy															<b>Date:</b> February 2012				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1050 - 40 MM, All Types							<b>Aggregated Item Name:</b> 40 MM, All Types				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
ASSEMBLE, AND PACK																			
12.2) BA35 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.368	-	-	0.457	-	-	-	-	-	-	-	-	-
12.3) BA35 QUALITY ASSURANCE	A	-	-	-	-	-	0.145	-	-	0.155	-	-	-	-	-	-	-	-	-
Subtotal 12) BA35, CTG, 40MM PRACTICE DAY/ NIGHT M1110				0.000			16.501			22.782			0.000			0.000			0.000
<b>Total</b>				<b>133.366</b>			<b>109.329</b>			<b>92.848</b>			<b>16.201</b>			<b>5.963</b>			<b>22.164</b>
<b>Remarks:</b>																			

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1			P-1 Line Item Nomenclature: 1050 - 40 MM, All Types						Aggregated Item Name: 40 MM, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
4) B508, CTG, 40MM GREEN SMOKE GROUND M715												
4.1) B508 LOAD, ASSEMBLE, AND PACK		2011	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	ROCK ISLAND ARSENAL	Mar 2011	Apr 2012	6,313	98.52	Y		
4.1) B508 LOAD, ASSEMBLE, AND PACK		2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	ROCK ISLAND ARSENAL	Mar 2012	Apr 2013	1,102	78.95	Y		
5) B509, CTG, 40MM YELLOW SMOKE GROUND M716												
5.1) B509 LOAD, ASSEMBLE, AND PACK		2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	ROCK ISLAND ARSENAL	Mar 2012	Apr 2013	1,102	78.95	Y		
6) B519, CTG, 40MM PRACTICE SNGL M781												
6.1) B519 LOAD, ASSEMBLE, AND PACK C1		2010	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Feb 2010	Dec 2011	147,143	3.50	Y		
6.1) B519 LOAD, ASSEMBLE, AND PACK C1		2011	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Jan 2012	727,733	3.75	Y		
6.2) B519 LOAD, ASSEMBLE, AND PACK C2		2010	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Feb 2010	Dec 2011	465,143	3.50	Y		
6.2) B519 LOAD, ASSEMBLE, AND PACK C2		2011	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Aug 2012	485,067	3.75	Y		
7) B535, CTG, 40MM WHITE STAR PARACHUTE M583A1												
7.2) B535 LOAD, ASSEMBLE, AND PACK C2		2010	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2010	Sep 2011	220,656	43.57	Y		
7.2) B535 LOAD, ASSEMBLE, AND PACK C2		2011	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Aug 2012	75,052	43.57	Y		
7.2) B535 LOAD, ASSEMBLE, AND PACK C2		2012	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Jan 2013	30,307	51.21	Y		
8) B542, CTG, 40MM HEDP LNKD												
†8.1) B542 LOAD, ASSEMBLE, AND PACK C1		2010	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Jul 2010	Dec 2011	1,290,943	34.45	Y		
†8.1) B542 LOAD, ASSEMBLE, AND PACK C1		2011	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Mar 2013	422,798	33.95	Y		
†8.1) B542 LOAD, ASSEMBLE, AND PACK C1	✓	2011	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Jun 2013	604,579	33.85	Y		
†8.1) B542 LOAD, ASSEMBLE, AND PACK C1		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Jan 2014	412,864	39.49	Y		
†8.1) B542 LOAD, ASSEMBLE, AND PACK C1	✓	2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Jan 2014	113,978	39.49	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1050 - 40 MM, All Types					Aggregated Item Name: 40 MM, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†8.1) B542 LOAD, ASSEMBLE, AND PACK C1		2013	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Aug 2014	197,214	41.63	Y		
†8.1) B542 LOAD, ASSEMBLE, AND PACK C1	✓	2013	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Aug 2014	78,789	41.63	Y		
†8.2) B542 LOAD, ASSEMBLE, AND PACK C2		2010	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2010	Dec 2011	1,316,284	34.45	Y		
†8.2) B542 LOAD, ASSEMBLE, AND PACK C2		2011	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Mar 2013	345,920	33.95	Y		
†8.2) B542 LOAD, ASSEMBLE, AND PACK C2	✓	2011	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Sep 2013	494,653	33.85	Y		
†8.2) B542 LOAD, ASSEMBLE, AND PACK C2		2012	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Feb 2014	337,807	39.49	Y		
†8.2) B542 LOAD, ASSEMBLE, AND PACK C2	✓	2012	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Feb 2014	93,264	39.49	Y		
†8.2) B542 LOAD, ASSEMBLE, AND PACK C2		2013	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Aug 2014	161,350	41.63	Y		
†8.2) B542 LOAD, ASSEMBLE, AND PACK C2	✓	2013	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Aug 2014	64,449	41.63	Y		
9) B546, CTG, 40MM HEDP SNGL												
9.1) B546 LOAD, ASSEMBLE, AND PACK C1		2010	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Feb 2010	Dec 2011	350,569	46.55	Y		
9.1) B546 LOAD, ASSEMBLE, AND PACK C1		2011	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Aug 2012	157,107	44.18	Y		
9.1) B546 LOAD, ASSEMBLE, AND PACK C1	✓	2011	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Apr 2012	68,835	44.28	Y		
9.1) B546 LOAD, ASSEMBLE, AND PACK C1		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Aug 2013	132,225	54.15	Y		
9.2) B546 LOAD, ASSEMBLE, AND PACK C2		2010	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Feb 2010	Dec 2011	280,945	46.55	Y		
9.2) B546 LOAD, ASSEMBLE, AND PACK C2		2011	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Aug 2011	Jan 2013	128,542	44.18	Y		
9.2) B546 LOAD, ASSEMBLE, AND PACK C2	✓	2011	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Aug 2011	Jan 2013	56,301	44.28	Y		
9.2) B546 LOAD, ASSEMBLE, AND PACK C2		2012	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Aug 2013	108,181	54.15	Y		
11) BA21, CTG, 40,, PRACTICE DAY/NIGHT MK281/1												
11.1) BA21 LOAD, ASSEMBLE, AND PACK		2012	AMERICAN RHEINMETALL MUNITIONS / CAMDEN, AR	C / IDIQ	MCSC, QUANTICO, VA	Jun 2012	Jun 2013	474,431	30.78	Y		Oct 2006

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1			P-1 Line Item Nomenclature: 1050 - 40 MM, All Types						Aggregated Item Name: 40 MM, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
12) BA35, CTG, 40MM PRACTICE DAY/NIGHT M1110												
12.1) BA35 LOAD, ASSEMBLE, AND PACK		2011	AMERICAN RHEINMETALL MUNITIONS / CAMDEN, AR	C / IDIQ	MCSC, QUANTICO, VA	Sep 2011	Sep 2012	1,639,795	9.75	Y		
12.1) BA35 LOAD, ASSEMBLE, AND PACK		2012	AMERICAN RHEINMETALL MUNITIONS / CAMDEN, AR	C / IDIQ	MCSC, QUANTICO, VA	Apr 2012	Apr 2013	1,809,761	10.04	Y		
12.1) BA35 LOAD, ASSEMBLE, AND PACK	✓	2012	AMERICAN RHEINMETALL MUNITIONS / CAMDEN, AR	C / IDIQ	MCSC, QUANTICO, VA	Apr 2012	Apr 2013	398,406	10.04	Y		
Remarks:												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																	
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1050 - 40 MM, All Types										Aggregated Item Name: 40 MM, All Types																	
COST ELEMENTS Units in Thousands							Fiscal Year 2012										Fiscal Year 2013																				
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2012																				Calendar Year 2013										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							
8) B542, CTG, 40MM HEDP LNKD																																					
8.1) B542 LOAD, ASSEMBLE, AND PACK C1																																					
	13	2010	NAVY	1291	0	1291	-	-	257.3	-	-	222.3	-	-	239.3	-	-	-	239.7	-	332.3																
	13	2011	NAVY	422.8	0	422.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	242.6	-	-	180.2											
✓	13	2011	NAVY	604.6	0	604.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75.85	-	-	256.1	272.6							
	13	2012	NAVY	412.9	0	412.9	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	412.9							
✓	13	2012	NAVY	114	0	114	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	114							
	13	2013	NAVY	197.2	0	197.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	197.2							
✓	13	2013	NAVY	78.79	0	78.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	78.79							
8.2) B542 LOAD, ASSEMBLE, AND PACK C2																																					
	14	2010	NAVY	1316	0	1316	-	-	42.37	-	-	268.6	-	-	300.1	-	-	123.2	-	-	129.8	-	-	93.72	-	-	358.5										
	14	2011	NAVY	345.9	0	345.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.9	-	-	194.6	-	-	50.36								
✓	14	2011	NAVY	494.7	0	494.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	144.3	350.3								
	14	2012	NAVY	337.8	0	337.8	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	337.8							
✓	14	2012	NAVY	93.26	0	93.26	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93.26							
	14	2013	NAVY	161.4	0	161.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	161.4							
✓	14	2013	NAVY	64.45	0	64.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	64.45							
							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							

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012													
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1050 - 40 MM, All Types															Aggregated Item Name: 40 MM, All Types														
COST ELEMENTS Units in Thousands							Fiscal Year 2014										Fiscal Year 2015																			
O C O	MFR Ref #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2014																			Calendar Year 2015										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						
8) B542, CTG, 40MM HEDP LNKD																																				
8.1) B542 LOAD, ASSEMBLE, AND PACK C1																																				
	13	2010	NAVY	1291	1291	0																														
	13	2011	NAVY	422.8	422.8	0																														
✓	13	2011	NAVY	604.6	331.9	272.6	-	-	256.1	16.58																										
	13	2012	NAVY	412.9	0	412.9	-	-	-	49.03	66.89	66.89	66.89	66.89	66.89	29.38																				
✓	13	2012	NAVY	114	0	114	-	-	-	13.54	18.46	18.47	18.47	18.46	18.47	8.108																				
	13	2013	NAVY	197.2	0	197.2	-	-	-	-	-	-	-	-	-	-	17.92	17.93	17.93	17.93	17.92	17.93	17.93	17.93	17.92	17.93	17.94									
✓	13	2013	NAVY	78.79	0	78.79	-	-	-	-	-	-	-	-	-	-	7.188	7.16	7.16	7.16	7.16	7.16	7.16	7.16	7.16	7.16	7.16	7.161								
8.2) B542 LOAD, ASSEMBLE, AND PACK C2																																				
	14	2010	NAVY	1316	1316	0																														
	14	2011	NAVY	345.9	345.9	0																														
✓	14	2011	NAVY	494.7	144.3	350.3	-	-	194.6	-	-	155.7																								
	14	2012	NAVY	337.8	0	337.8	-	-	-	-	45.92	50.86	50.87	50.87	50.86	50.86	37.57																			
✓	14	2012	NAVY	93.26	0	93.26	-	-	-	-	12.82	14.01	14.02	14.01	14.01	24.39																				
	14	2013	NAVY	161.4	0	161.4	-	-	-	-	-	-	-	-	-	-	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	29.9								
✓	14	2013	NAVY	64.45	0	64.45	-	-	-	-	-	-	-	-	-	-	4.82	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	11.93								
							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						

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1	<b>P-1 Line Item Nomenclature:</b> 1050 - 40 MM, All Types	<b>Aggregated Item Name:</b> 40 MM, All Types

		PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	AMTEC CORPORATION - JANESVILLE, WI	.02	.175	.275	6	6	19	25	6	6	17	23
2	DSE INC - TAMPA, FL	.02	.175	.275	6	6	19	25	6	6	17	23

**Remarks:**

‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.



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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy											<b>Date:</b> February 2012									
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition								<b>P-1 Line Item Nomenclature:</b> 1083 - 60 MM, All Types												
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>											
<b>Resource Summary</b>		<b>Prior Years</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>To Complete</b>	<b>Total</b>							
Procurement Quantity (Each)		-	-	-	-	-	-	-	-	-	-	-	-							
Gross/Weapon System Cost (\$ in Millions)		27.234	28.041	11.925	-	-	-	-	-	-	-	0.000	67.200							
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-							
Net Procurement (P1) (\$ in Millions)		27.234	28.041	11.925	-	-	-	-	-	-	-	0.000	67.200							
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-							
Total Obligation Authority (\$ in Millions)		27.234	28.041	11.925	-	-	-	-	-	-	-	0.000	67.200							
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-							
Flyaway Unit Cost (\$ in Dollars)		-	-	-	-	-	-	-	-	-	-	-	-							
Gross/Weapon System Unit Cost (\$ in Dollars)		-	-	-	-	-	-	-	-	-	-	-	-							
<b>Description:</b>																				
The Cartridge, 60mm High Explosive M888 (DODIC B643) is a high explosive cartridge for use in the 60mm M224 Lightweight Company Mortar System. It is intended for use against personnel and light materiel targets.																				
The Cartridge, 60mm High Explosive M720A1 (DODIC BA16) with M734A1 Multi-Option Fuze (MOFA) is a high explosive round for use in the M224 Lightweight Company Mortar System. It is intended for use against personnel and light materiel targets.																				
The Cartridge, 60mm Mortar Anti-Personnel Anti-Materiel (DODIC BA29) with M734A1 Multi-Option Fuze is a high explosive round utilizing a shell body liner consisting of tungsten balls in an epoxy matrix to increase lethality.																				
<b>Item Schedule</b>		<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2011</b>			<b>FY 2012</b>			<b>FY 2013 Base</b>			<b>FY 2013 OCO</b>			<b>FY 2013 Total</b>		
<b>Item Nomenclature*</b>	<b>Exhibits</b>		<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>
60 MM, All Types (See enclosed P-40A)	P40A, P5A			27.234			28.041			11.925			0.000			0.000			0.000	
<b>Total Gross/Weapon System Cost</b>				<b>27.234</b>			<b>28.041</b>			<b>11.925</b>			<b>-</b>			<b>-</b>			<b>-</b>	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																				
<b>Justification:</b>																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1083 - 60 MM, All Types						Aggregated Item Name: 60 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
1) B643, CTG, 60MM HE																			
† 1.1) B643 LOAD, ASSEMBLE, AND PACK (LAP)	A	-	-	23.500	53.94	87,764	4.734	55.89	17,194	0.961	-	-	-	-	-	-	-	-	-
† 1.2) B643 PROJECTILE BODY M720	A	-	-	-	33.01	91,276	3.013	36.25	17,876	0.648	-	-	-	-	-	-	-	-	-
† 1.3) B643 M27 FIN ASSEMBLY	A	-	-	-	6.50	91,231	0.593	10.46	17,878	0.187	-	-	-	-	-	-	-	-	-
† 1.4) B643 CHARGE, PROPELLING M204	A	-	-	-	11.00	365,091	4.016	9.17	71,538	0.656	-	-	-	-	-	-	-	-	-
† 1.5) B643 IGNITION CARTRIDGE M702	A	-	-	-	17.28	91,281	1.577	17.62	17,877	0.315	-	-	-	-	-	-	-	-	-
† 1.6) B643 COMP B TYPE I GRADE A (LBS)	A	-	-	-	2.54	149,213	0.379	19.93	29,252	0.583	-	-	-	-	-	-	-	-	-
† 1.7) B643 COMP A-5 CLASS I (LBS)	A	-	-	-	4.01	2,744	0.011	3.12	641	0.002	-	-	-	-	-	-	-	-	-
† 1.8) B643 M935 FUZE	A	-	-	-	55.00	90,382	4.971	57.68	17,718	1.022	-	-	-	-	-	-	-	-	-
1.9) B643 PRODUCTION ENGINEERING	A	-	-	1.139	-	-	1.350	-	-	1.110	-	-	-	-	-	-	-	-	-
1.10) B643 QUALITY ASSURANCE	A	-	-	0.010	-	-	0.009	-	-	-	-	-	-	-	-	-	-	-	-
1.11) B643 ACCEPTANCE TESTING	A	-	-	1.118	-	-	0.650	-	-	0.100	-	-	-	-	-	-	-	-	-
1.12) B643 GOVERNMENT FURNISHED MATERIAL	A	-	-	-	-	-	-0.390	-	-	-0.584	-	-	-	-	-	-	-	-	-
1.13) B643 PC&H FOR EXPLOSIVES	A	-	-	0.035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) B643, CTG, 60MM HE				25.802			20.913			5.000			0.000			0.000			0.000
2) BA16, CARTRIDGE, 60MM WITH MOF																			

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1083 - 60 MM, All Types								<b>Aggregated Item Name:</b> 60 MM, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 2.1) BA16 LOAD, ASSEMBLE, AND PACK (LAP)	A	-	-	-	49.24	18,928	0.932	61.28	15,437	0.946	-	-	-	-	-	-	-	-	-
† 2.2) BA16 SHELL BODY (HF1) 60MM	A	-	-	-	38.45	19,688	0.757	48.57	16,039	0.779	-	-	-	-	-	-	-	-	-
† 2.3) BA16 FIN ASSEMBLY M27	A	-	-	-	7.21	19,695	0.142	10.46	16,061	0.168	-	-	-	-	-	-	-	-	-
† 2.4) BA16 IGNITION CARTRIDGE M702	A	-	-	-	19.31	19,679	0.380	17.62	16,061	0.283	-	-	-	-	-	-	-	-	-
† 2.5) BA16 PROPELLANT CHARGE M235	A	-	-	-	7.59	78,788	0.598	8.17	64,137	0.524	-	-	-	-	-	-	-	-	-
† 2.6) BA16 M734A1 FUZE, MULTI-OPTION	A	-	-	-	169.99	19,689	3.347	197.44	16,050	3.169	-	-	-	-	-	-	-	-	-
2.7) BA16 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.937	-	-	-	-	-	-	-	-	-
2.8) BA16 QUALITY ASSURANCE	A	-	-	-	-	-	0.006	-	-	-	-	-	-	-	-	-	-	-	-
2.9) BA16 ACCEPTANCE TESTING	A	-	-	0.740	-	-	0.301	-	-	0.119	-	-	-	-	-	-	-	-	-
2.10) BA16 EPA - COST OF MATERIALS	A	-	-	0.052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.11) BA16 FIRST ARTICLE TESTING	A	-	-	-	-	-	0.014	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) BA16, CARTRIDGE, 60MM WITH MOF				0.792			6.477			6.925			0.000			0.000			0.000
<b>3) BA29, CARTRIDGE, 60MM MAPAM</b>																			
† 3.1) BA29 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	0.058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) BA29 WARHEAD ASSEMBLY	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>															<b>Date:</b> February 2012				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1083 - 60 MM, All Types							<b>Aggregated Item Name:</b> 60 MM, All Types				

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
3.3) BA29 FIN ASSEMBLY M27	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4) BA29 IGNITION CARTRIDGE M702	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5) BA29 PROPELLANT CHARGE M236	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.6) BA29 METAL PARTS, ENHANCED FRAGMENTATION	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.7) BA29 M734A1 FUZE, MULTI-OPTION	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.8) BA29 PRODUCTION ENGINEERING	A	-	-	0.337	-	-	0.651	-	-	-	-	-	-	-	-	-	-	-	-
3.9) BA29 QUALITY ASSURANCE	A	-	-	0.025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.10) BA29 ACCEPTANCE TESTING	A	-	-	0.220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.11) New Cost Element		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) BA29, CARTRIDGE, 60MM MAPAM</i>				<i>0.640</i>			<i>0.651</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>
<b>Total</b>				<b>27.234</b>			<b>28.041</b>			<b>11.925</b>			<b>0.000</b>			<b>0.000</b>			<b>0.000</b>

**Remarks:**

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1083 - 60 MM, All Types					Aggregated Item Name: 60 MM, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) B643, CTG, 60MM HE												
1.1) B643 LOAD, ASSEMBLE, AND PACK (LAP)		2010	AMERICAN ORDNANCE / MILAN, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	May 2010	Oct 2011	523,502	44.89	Y		
1.1) B643 LOAD, ASSEMBLE, AND PACK (LAP)		2011	AMERICAN ORDNANCE / MILAN, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Jul 2013	56,674	53.94	Y		
1.1) B643 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2011	AMERICAN ORDNANCE / MILAN, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Jul 2013	31,090	53.94	Y		
1.1) B643 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2012	TO BE SELECTED / Unknown	SS / FFP	ROCK ISLAND ARSENAL, IL	Sep 2012	Mar 2014	17,194	55.89	Y		
1.2) B643 PROJECTILE BODY M720		2011	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / FFP	PICATINNY ARSENAL, NJ	Sep 2011	Sep 2012	58,952	33.01	Y		
1.2) B643 PROJECTILE BODY M720	✓	2011	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / FFP	PICATINNY ARSENAL, NJ	Sep 2011	Sep 2012	32,324	33.01	Y		
1.2) B643 PROJECTILE BODY M720	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Sep 2013	17,876	36.25	Y		
1.3) B643 M27 FIN ASSEMBLY		2011	BLUE GRASS ARMY DEPOT / RICHMOND, KY	PO	ROCK ISLAND, ARSENAL IL	Aug 2011	Feb 2012	58,923	6.50	Y		
1.3) B643 M27 FIN ASSEMBLY	✓	2011	GAYSTON CORP / SPRINGSBORO, OH	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Sep 2012	32,308	6.50	Y		
1.3) B643 M27 FIN ASSEMBLY	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Sep 2013	17,878	10.46	Y		
1.4) B643 CHARGE, PROPELLING M204		2011	AMERICAN ORDNANCE / MILAN, TN	C / FFP	ROCK ISLAND ARSENAL, IL	Jan 2011	Sep 2012	235,727	11.00	Y		
1.4) B643 CHARGE, PROPELLING M204	✓	2011	AMERICAN ORDNANCE / MILAN, TN	C / FFP	ROCK ISLAND ARSENAL, IL	Jan 2011	Sep 2012	129,364	11.00	Y		
1.4) B643 CHARGE, PROPELLING M204	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Sep 2013	71,538	9.17	Y		
1.5) B643 IGNITION CARTRIDGE M702		2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Nov 2012	May 2013	58,941	17.00	Y		
1.5) B643 IGNITION CARTRIDGE M702	✓	2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Nov 2012	May 2013	32,340	17.78	Y		
1.5) B643 IGNITION CARTRIDGE M702	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2013	Jan 2014	17,877	17.62	Y		
1.6) B643 COMP B TYPE I GRADE A (LBS)		2011	GOVERNMENT FURNISHED MATERIAL / UNKNOWN	TBD	ROCK ISLAND ARSENAL, IL	Oct 2010	Oct 2010	96,457	2.54	Y		
1.6) B643 COMP B TYPE I GRADE A (LBS)	✓	2011	GOVERNMENT FURNISHED MATERIAL / UNKNOWN	TBD	ROCK ISLAND ARSENAL, IL	Oct 2010	Oct 2010	52,756	2.54	Y		
1.6) B643 COMP B TYPE I GRADE A (LBS)	✓	2012	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Mar 2013	29,252	19.93	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1083 - 60 MM, All Types					Aggregated Item Name: 60 MM, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.7) B643 COMP A-5 CLASS I (LBS)		2011	GOVERNMENT FURNISHED MATERIAL / UNKNOWN	TBD	ROCK ISLAND ARSENAL, IL	Oct 2010	Oct 2010	1,746	4.01	Y		
1.7) B643 COMP A-5 CLASS I (LBS)	✓	2011	GOVERNMENT FURNISHED MATERIAL / UNKNOWN	TBD	ROCK ISLAND ARSENAL, IL	Oct 2010	Oct 2010	998	4.01	Y		
1.7) B643 COMP A-5 CLASS I (LBS)	✓	2012	GOVERNMENT FURNISHED MATERIAL / UNKNOWN	TBD	ROCK ISLAND ARSENAL, IL	Oct 2011	Oct 2011	641	3.12	Y		
1.8) B643 M935 FUZE		2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	May 2012	Mar 2013	58,364	55.00	Y		
1.8) B643 M935 FUZE	✓	2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	May 2012	Mar 2013	32,018	55.00	Y		
1.8) B643 M935 FUZE	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	May 2012	Jun 2013	17,718	57.68	Y		
2) BA16, CARTRIDGE, 60MM WITH MOF												
2.1) BA16 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2011	DAY &ZIMMERMANN, INC. / PARSONS, KS	C / FFP	ROCK ISLAND ARSENAL, IL	Nov 2011	Jul 2013	18,928	49.24	Y		
2.1) BA16 LOAD, ASSEMBLE, AND PACK (LAP) <sup>(1)</sup>	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Mar 2014	15,437	61.28	Y		
2.2) BA16 SHELL BODY (HF1) 60MM	✓	2011	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / FFP	PICATINNY ARSENAL, NJ	Nov 2011	Jun 2012	19,688	38.45	Y		
2.2) BA16 SHELL BODY (HF1) 60MM	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Sep 2013	16,039	48.57	Y		
2.3) BA16 FIN ASSEMBLY M27	✓	2011	Flexible Concepts / Elkhart, IN	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Mar 2012	19,695	7.21	Y		
2.3) BA16 FIN ASSEMBLY M27	✓	2012	GAYSTON CORP / SPRINGSBORO, OH	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Sep 2013	16,061	10.46	Y		
2.4) BA16 IGNITION CARTRIDGE M702	✓	2011	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL, IL	Nov 2012	May 2013	19,679	19.31	Y		
2.4) BA16 IGNITION CARTRIDGE M702	✓	2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2012	Dec 2013	16,061	17.62	Y		
2.5) BA16 PROPELLANT CHARGE M235	✓	2011	AMERICAN ORDNANCE / MILAN, TN	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Mar 2012	78,788	7.59	Y		
2.5) BA16 PROPELLANT CHARGE M235	✓	2012	AMERICAN ORDNANCE / MILAN, TN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Sep 2013	64,137	8.17	Y		
2.6) BA16 M734A1 FUZE, MULTI-OPTION	✓	2011	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	PICATINNY ARSENAL, NJ	Mar 2011	Sep 2012	19,689	169.99	Y		
2.6) BA16 M734A1 FUZE, MULTI-OPTION	✓	2012	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Nov 2013	16,050	197.44	Y		

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<b>Exhibit P-5A, Budget Procurement History and Planning:</b> PB 2013 Navy										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1				<b>P-1 Line Item Nomenclature:</b> 1083 - 60 MM, All Types					<b>Aggregated Item Name:</b> 60 MM, All Types			
<b>Cost Elements</b> († indicates the presence of a P-21)	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Contract Method and Type</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty</b> (Each)	<b>Unit Cost</b> (\$)	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
<b>3) BA29, CARTRIDGE, 60MM MAPAM</b>												
3.1) BA29 LOAD, ASSEMBLE AND PACK (LAP)		2010	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	PICATINNY ARSENAL, NJ	Mar 2011	Mar 2014	500	115.00	Y		
<b>Remarks:</b> <sup>(1)</sup> The Army provided FY10 Prior Year total quantity of BA16 of 180,000 cartridges. They did not provide the cost and the break out by year.												

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition							<b>P-1 Line Item Nomenclature:</b> 1091 - 81 MM, All Types					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	15.683	68.628	42.615	13.711	-	13.711	11.732	50.237	11.925	15.027	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	15.683	68.628	42.615	13.711	-	13.711	11.732	50.237	11.925	15.027	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	15.683	68.628	42.615	13.711	-	13.711	11.732	50.237	11.925	15.027	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
<p><b>Description:</b> Base Appropriations Request:</p> <p>The Cartridge, 81mm High Explosive (HE) M821/M821A2 (DODIC C868) with Multi-Option Fuze M734 is a high explosive round developed for use in the M252 Improved 81mm Mortar System. It is intended for use against personnel and light materiel targets.</p> <p>The cartridge, 81mm HE M889/M889A1 (DODIC C869) with Point Detonating Fuze M935 is a high explosive round developed for use in the M252 Improved 81mm Mortar System. It is intended for use against personnel and light materiel targets.</p> <p>The Cartridge, 81mm Smoke Red Phosphorus (RP) M819 with Mechanical Time Super-Quick Fuze M772 (DODIC C870) is a smoke screen round developed for use in the 81mm M252 Mortar System.</p> <p>The Cartridge, 81mm Illuminating M853A1 (DODIC C871) with Mechanical Time Super-Quick Fuze (MTSQ) M772 is an illuminating round developed for use in the 81mm M252 Mortar System. It is intended for illuminating a desired point or area.</p> <p>[P40A / C875, CTG, 81MM FRPC]: The Cartridge, 81mm Practice M879 (DODIC C875) is a full-range training round developed for use in the 81mm M252 Mortar System. The complete round consists of an inert loaded projectile body, a point detonating (PD) (practice) fuze, a fin assembly, four propellant increments, obturating ring, and ignition cartridge (with integral primer). The ignition cartridge has a percussion primer and is assembled to the end of the fin assembly. The propelling charge is contained in four horseshoe-shaped nitrocellulose containers and assembled around the fin assembly shaft.</p>												

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**Exhibit P-40, Budget Item Justification Sheet:** PB 2013 Navy **Date:** February 2012

**Appropriation / Budget Activity / Budget Sub Activity:**  
1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition

**P-1 Line Item Nomenclature:**  
1091 - 81 MM, All Types

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
81 MM, All Types (See enclosed P-40A)	P40A, P5A, P21				15.683			68.628			42.615			13.711			0.000			13.711
<b>Total Gross/Weapon System Cost</b>					<b>15.683</b>			<b>68.628</b>			<b>42.615</b>			<b>13.711</b>			<b>-</b>			<b>13.711</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

**Justification:**

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1091 - 81 MM, All Types						Aggregated Item Name: 81 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
1) C868, CTG, 81MM HE W/M734A1 MOF FUZE																			
† 1.1) C868 LOAD, ASSEMBLE, AND PACK	A	-	-	13.983	50.00	31,960	1.598	67.90	3,078	0.209	67.11	11,399	0.765	-	-	-	67.11	11,399	0.765
1.2) C868 SYSTEM BUY	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.3) C868 FIN ASSEMBLY	A	-	-	-	12.18	33,251	0.405	12.13	3,215	0.039	12.71	11,880	0.151	-	-	-	12.71	11,880	0.151
† 1.4) C868 IGNITION CARTRIDGE	A	-	-	-	17.59	33,265	0.585	18.27	3,175	0.058	20.77	11,844	0.246	-	-	-	20.77	11,844	0.246
† 1.5) C868 PROPELLANT CHARGE	A	-	-	-	9.13	132,859	1.213	8.16	12,745	0.104	9.39	47,391	0.445	-	-	-	9.39	47,391	0.445
† 1.6) C868 SHELL BODY, 81MM	A	-	-	-	51.66	33,218	1.716	58.21	3,195	0.186	70.99	11,861	0.842	-	-	-	70.99	11,861	0.842
† 1.7) C868 COMP B TYPE I GRADE A	A	-	-	-	2.60	101,575	0.264	-	-	-	-	-	-	-	-	-	-	-	-
† 1.8) C868 IMX-104	A	-	-	-	-	-	-	20.64	9,205	0.190	21.34	34,208	0.730	-	-	-	21.34	34,208	0.730
† 1.9) C868 FUZE, MOF, M734A1	A	-	-	-	196.99	33,230	6.546	197.44	3,196	0.631	297.11	11,858	3.523	-	-	-	297.11	11,858	3.523
1.10) C868 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.605	-	-	0.072	-	-	1.236	-	-	-	-	-	1.236
1.11) C868 QUALITY ASSURANCE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.12) C868 ACCEPTANCE TESTING	A	-	-	-	-	-	0.765	-	-	0.088	-	-	0.140	-	-	-	-	-	0.140
1.13) C868 GOVERNMENT FURNISHED MATERIAL	A	-	-	-	-	-	-0.264	-	-	-	-	-	-0.050	-	-	-	-	-	-0.050
1.14) C868 IM ENGINEERING	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) C868, CTG, 81MM HE W/ M734A1 MOF FUZE				13.983			13.433			1.577			8.028			0.000			8.028
2) C869, CTG, 81MM HE W/M935 PD FUZE																			

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**Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy** **Date:** February 2012

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1	<b>P-1 Line Item Nomenclature:</b> 1091 - 81 MM, All Types	<b>Aggregated Item Name:</b> 81 MM, All Types
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 2.1) C869 LOAD, ASSEMBLE, AND PACK	A	-	-	-	64.39	204,947	13.197	67.90	97,025	6.588	67.11	13,485	0.905	-	-	-	67.11	13,485	0.905
2.2) C869 SYSTEM BUY	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.3) C869 FIN ASSEMBLY	A	-	-	-	12.26	213,149	2.613	12.13	100,907	1.224	12.71	14,005	0.178	-	-	-	12.71	14,005	0.178
† 2.4) C869 IGNITION CARTRIDGE	A	-	-	-	18.58	213,175	3.961	18.27	100,931	1.844	20.77	14,011	0.291	-	-	-	20.77	14,011	0.291
† 2.5) C869 PROP CHARGE M220	A	-	-	-	9.13	852,465	7.783	8.16	403,554	3.293	9.39	56,124	0.527	-	-	-	9.39	56,124	0.527
† 2.6) C869 SHELL BODY, 81MM	A	-	-	-	51.24	213,134	10.920	58.21	100,138	5.829	70.99	14,030	0.996	-	-	-	70.99	14,030	0.996
† 2.7) C869 COMP B TYPE I CLASS A	A	-	-	-	2.54	665,748	1.691	-	-	-	-	-	-	-	-	-	-	-	-
† 2.8) C869 COMP A-5 CLASS 1	A	-	-	-	4.01	29,177	0.117	3.12	2,885	0.009	-	-	-	-	-	-	-	-	-
† 2.9) C869 IMX-104	A	-	-	-	-	-	-	20.64	291,085	6.008	21.34	43,814	0.935	-	-	-	21.34	43,814	0.935
† 2.10) C869 M935 FUZE	A	-	-	-	54.00	211,889	11.442	57.68	99,948	5.765	69.16	13,895	0.961	-	-	-	69.16	13,895	0.961
2.11) C869 PRODUCTION ENGINEERING	A	-	-	0.674	-	-	1.823	-	-	2.046	-	-	0.797	-	-	-	-	-	0.797
2.12) C869 QUALITY ASSURANCE	A	-	-	0.010	-	-	0.009	-	-	0.007	-	-	0.003	-	-	-	-	-	0.003
2.13) C869 ACCEPTANCE TESTING	A	-	-	1.010	-	-	1.244	-	-	0.930	-	-	0.090	-	-	-	-	-	0.090
2.14) C869 FIRST ARTICLE	A	-	-	-	-	-	0.010	-	-	0.150	-	-	-	-	-	-	-	-	-
2.15) C869 PRODUCTION VERIFICATION TESTS	A	-	-	-	-	-	0.001	-	-	2.500	-	-	-	-	-	-	-	-	-
2.16) C869 GOVERNMENT FURNISHED MATERIAL	A	-	-	-	-	-	-1.808	-	-	-0.009	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1091 - 81 MM, All Types								<b>Aggregated Item Name:</b> 81 MM, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2.17) C869 PRODUCT IMPROVEMENT	A	-	-	-	-	-	0.500	-	-	-	-	-	-	-	-	-	-	-	-
2.18) C869 ENGINEERING CHANGE PROPOSAL	A	-	-	-	-	-	0.978	-	-	-	-	-	-	-	-	-	-	-	-
2.19) PC&H F/ LEAD AZIDE	A	-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.20) BOOSTER CUPS	A	-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) C869, CTG, 81MM HE W/ M935 PD FUZE				1.700			54.481			36.184			5.683			0.000			5.683
<b>3) C870, CTG, 81MM SMOKE RP</b>																			
† 3.1) C870 LOAD, ASSEMBLE, AND PACK	A	-	-	-	-	-	-	259.80	5,881	1.528	-	-	-	-	-	-	-	-	-
† 3.2) C870 OVERPACK CONTAINER PA157	A	-	-	-	-	-	-	38.54	208	0.008	-	-	-	-	-	-	-	-	-
† 3.3) C870 FIBER CONTAINER PA162	A	-	-	-	-	-	-	4.66	6,223	0.029	-	-	-	-	-	-	-	-	-
† 3.4) C870 GAMS	A	-	-	-	-	-	-	18.21	12,246	0.223	-	-	-	-	-	-	-	-	-
† 3.5) C870 81MM SMOKE TAIL CONE	A	-	-	-	-	-	-	15.63	6,142	0.096	-	-	-	-	-	-	-	-	-
† 3.6) C870 FIN ASSEMBLY M28	A	-	-	-	-	-	-	17.02	6,110	0.104	-	-	-	-	-	-	-	-	-
† 3.7) C870 PROP CHARGE M218	A	-	-	-	-	-	-	8.02	24,439	0.196	-	-	-	-	-	-	-	-	-
† 3.8) C870 IGN CARTRIDGE M752	A	-	-	-	-	-	-	20.04	6,138	0.123	-	-	-	-	-	-	-	-	-
† 3.9) C870 RED PHOSPHORUS FILL	A	-	-	-	-	-	-	10.92	17,674	0.193	-	-	-	-	-	-	-	-	-
† 3.10) C870 FUZE M772	A	-	-	-	-	-	-	229.01	6,118	1.401	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1091 - 81 MM, All Types								<b>Aggregated Item Name:</b> 81 MM, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 3.11) C870 81MM SMOKE BODY TUBE	A	-	-	-	-	-	-	39.51	6,125	0.242	-	-	-	-	-	-	-	-	-
3.12) C870 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.714	-	-	0.655	-	-	-	-	-	-	-	-	-
3.13) C870 QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.006	-	-	-	-	-	-	-	-	-
3.14) C870 ACCEPTANCE TESTING	A	-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-
3.15) C870 EPA - COST OF STEEL	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.16) C870 EPA - CURRENCY FLUCTUATIONS	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) C870, CTG, 81MM SMOKE RP</i>				0.000			0.714			4.854			0.000			0.000			0.000
<b>4) C871, CTG, 81MM ILLUM</b>																			
4.1) C871 LOAD, ASSEMBLE, AND PACK	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) C871 METAL CONTAINER PA157	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) C871 FIBER CONTAINER	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.4) C871 FIN ASSEMBLY M29	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.5) C871 PROP CHARGE M219	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.6) C871 IGN CARTRIDGE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.7) C871 TAIL CONE ASSEMBLY	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.8) C871 BODY TUBE ASSEMBLY	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.9) C871 ILLUM CANDLE VL	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.10) C871 FUZE MTSQ M772	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1091 - 81 MM, All Types							Aggregated Item Name: 81 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
4.11) C871 PARACHUTE 81MM	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.12) C871 PRODUCTION ENGINEERING	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.13) C871 QUALITY ASSURANCE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.14) C871 ACCEPTANCE TESTING	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.15) New Cost Element		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) C871, CTG, 81MM ILLUM				0.000			0.000			0.000			0.000			0.000			0.000
5) C875, CTG, 81MM FRPC																			
5.1) C875 LOAD, ASSEMBLE, AND PACK	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) C875 FUZE PRACTICE M781	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) C875 SHELL BODY	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) C875 IGN CTG M299	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5) C875 CHG PROP M220	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.6) C875 FIN MORTAR CTG M24	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.7) C875 QUALITY ASSURANCE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.8) C875 ACCEPTANCE TESTING	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) C875, CTG, 81MM FRPC				0.000			0.000			0.000			0.000			0.000			0.000
Total				15.683			68.628			42.615			13.711			0.000			13.711
Remarks:																			

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1091 - 81 MM, All Types					Aggregated Item Name: 81 MM, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) C868, CTG, 81MM HE W/M734A1 MOF FUZE												
†1.1) C868 LOAD, ASSEMBLE, AND PACK		2010	GDOTS CANADA / CANADA	C / FP	PICATINNY ARSENAL	Sep 2010	Oct 2011	279,660	50.00	Y		
†1.1) C868 LOAD, ASSEMBLE, AND PACK		2011	GDOTS CANADA / CANADA	C / FFP	ROCK ISLAND ARSENAL	Nov 2011	Mar 2013	14,620	50.00	Y		
†1.1) C868 LOAD, ASSEMBLE, AND PACK	✓	2011	GDOTS CANADA / CANADA	C / FFP	ROCK ISLAND ARSENAL	Nov 2011	Jul 2013	17,340	50.00	Y		
†1.1) C868 LOAD, ASSEMBLE, AND PACK		2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Mar 2014	3,078	67.90	Y		
†1.1) C868 LOAD, ASSEMBLE, AND PACK		2013	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Mar 2015	11,399	67.11	Y		
1.3) C868 FIN ASSEMBLY		2011	GAYSTON CORP / SPRINGSBORO, OH	C / FFP	PICATINNY ARSENAL	Oct 2011	Apr 2012	15,189	12.18	Y		
1.3) C868 FIN ASSEMBLY	✓	2011	GAYSTON CORP / SPRINGSBORO, OH	C / FFP	PICATINNY ARSENAL	Oct 2011	Apr 2012	18,062	12.18	Y		
1.3) C868 FIN ASSEMBLY		2012	TO BE SELECTED / Unknown	C / FFP	PICATINNY ARSENAL	Mar 2012	Sep 2013	3,215	12.13	Y		
1.3) C868 FIN ASSEMBLY		2013	TO BE SELECTED / Unknown	C / FFP	PICATINNY ARSENAL	Mar 2013	Sep 2014	11,880	12.71	Y		
1.4) C868 IGNITION CARTRIDGE		2011	POCAL INDUSTRIES / SCRANTON, PA	C / FFP	ROCK ISLAND ARSENAL	Jul 2011	Jan 2013	15,219	18.53	Y		
1.4) C868 IGNITION CARTRIDGE	✓	2011	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Jun 2012	Jun 2013	18,046	16.79	Y		
1.4) C868 IGNITION CARTRIDGE		2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Nov 2012	May 2013	3,175	18.27	Y		
1.4) C868 IGNITION CARTRIDGE		2013	TO BE SELECTED / Unknown	C / TBD	ROCK ISLAND ARSENAL	Mar 2013	Sep 2014	11,844	20.77	Y		
1.5) C868 PROPELLANT CHARGE		2011	GENERAL DYNAMICS OTS / MARION, IL	C / FFP	ROCK ISLAND ARSENAL	Nov 2011	May 2012	60,789	9.13	Y		
1.5) C868 PROPELLANT CHARGE	✓	2011	GENERAL DYNAMICS OTS / MARION, IL	C / FFP	ROCK ISLAND ARSENAL	Nov 2011	May 2012	72,070	9.13	Y		
1.5) C868 PROPELLANT CHARGE		2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Nov 2012	May 2013	12,745	8.16	Y		
1.5) C868 PROPELLANT CHARGE		2013	TO BE SELECTED / Unknown	C / TBD	ROCK ISLAND ARSENAL	Mar 2013	Sep 2014	47,391	9.39	Y		
1.6) C868 SHELL BODY, 81MM	✓	2011	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / FFP	PICATINNY ARSENAL	Dec 2011	Jun 2012	18,019	46.95	Y		
1.6) C868 SHELL BODY, 81MM		2011	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL	Mar 2012	Feb 2013	15,199	57.24	Y		



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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1			P-1 Line Item Nomenclature: 1091 - 81 MM, All Types						Aggregated Item Name: 81 MM, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.6) C868 SHELL BODY, 81MM		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL	Mar 2012	Sep 2013	3,195	58.21	Y		
1.6) C868 SHELL BODY, 81MM		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL	Mar 2013	Sep 2014	11,861	70.99	Y		
1.7) C868 COMP B TYPE I GRADE A		2011	GOVERNMENT FURNISHED MATERIAL / PICATINNY ARSENAL, NJ	TBD	ROCK ISLAND ARSENAL	Oct 2010	Oct 2010	46,063	2.63	Y		
1.7) C868 COMP B TYPE I GRADE A	✓	2011	GOVERNMENT FURNISHED MATERIAL / PICATINNY ARSENAL, NJ	TBD	ROCK ISLAND ARSENAL	Oct 2010	Oct 2010	55,512	2.58	Y		
1.8) C868 IMX-104		2012	BAE ORDNANCE SYSTEMS / KINGSPORT, TN	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Nov 2013	9,205	20.64	Y		
1.8) C868 IMX-104		2013	BAE ORDNANCE SYSTEMS / KINGSPORT, TN	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Nov 2014	34,208	21.34	Y		
1.9) C868 FUZE, MOF, M734A1		2011	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	PICATINNY ARSENAL	Apr 2011	Oct 2012	15,204	196.99	Y		
1.9) C868 FUZE, MOF, M734A1	✓	2011	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	PICATINNY ARSENAL	Apr 2011	Oct 2012	18,026	196.99	Y		
1.9) C868 FUZE, MOF, M734A1		2012	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	PICATINNY ARSENAL	Mar 2012	Nov 2013	3,196	197.44	Y		
1.9) C868 FUZE, MOF, M734A1		2013	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	PICATINNY ARSENAL	Mar 2013	Sep 2014	11,858	297.11	Y		
2) C869, CTG, 81MM HE W/M935 PD FUZE												
†2.1) C869 LOAD, ASSEMBLE, AND PACK		2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Aug 2013	124,578	64.00	Y		
†2.1) C869 LOAD, ASSEMBLE, AND PACK	✓	2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Aug 2013	80,369	65.00	Y		
†2.1) C869 LOAD, ASSEMBLE, AND PACK		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Mar 2014	20,825	67.90	Y		
†2.1) C869 LOAD, ASSEMBLE, AND PACK	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Mar 2014	76,200	67.90	Y		
†2.1) C869 LOAD, ASSEMBLE, AND PACK		2013	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Mar 2015	13,485	67.11	Y		
2.3) C869 FIN ASSEMBLY		2011	GAYSTON CORP / SPRINGSBORO, OH	C / FFP	PICATINNY ARSENAL	Sep 2011	Mar 2012	129,569	12.31	Y		

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<b>Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy</b>										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1				<b>P-1 Line Item Nomenclature:</b> 1091 - 81 MM, All Types						<b>Aggregated Item Name:</b> 81 MM, All Types		
<b>Cost Elements</b> († indicates the presence of a P-21)	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Contract Method and Type</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$)</b>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
2.3) C869 FIN ASSEMBLY	✓	2011	GAYSTON CORP / SPRINGSBORO, OH	C / FFP	PICATINNY ARSENAL	Sep 2011	Mar 2012	83,580	12.18	Y		
2.3) C869 FIN ASSEMBLY		2012	GAYSTON CORP / SPRINGSBORO, OH	C / FFP	PICATINNY ARSENAL	Mar 2012	Sep 2013	21,682	12.13	Y		
2.3) C869 FIN ASSEMBLY	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL	Mar 2012	Sep 2013	79,225	12.13	Y		
2.3) C869 FIN ASSEMBLY		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL	Mar 2013	Sep 2014	14,005	12.71	Y		
2.4) C869 IGNITION CARTRIDGE	✓	2011	POCAL INDUSTRIES / SCRANTON, PA	C / FFP	ROCK ISLAND ARSENAL	Nov 2012	Jan 2013	83,601	18.66	Y		
2.4) C869 IGNITION CARTRIDGE		2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Nov 2012	May 2013	129,574	18.53	Y		
2.4) C869 IGNITION CARTRIDGE		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Nov 2012	Nov 2013	21,675	18.27	Y		
2.4) C869 IGNITION CARTRIDGE	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Nov 2012	Nov 2013	79,256	18.27	Y		
2.4) C869 IGNITION CARTRIDGE		2013	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Sep 2014	14,011	20.77	Y		
2.5) C869 PROP CHARGE M220		2011	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Oct 2012	Apr 2013	518,182	9.13	Y		
2.5) C869 PROP CHARGE M220	✓	2011	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Oct 2012	Apr 2013	334,283	9.13	Y		
2.5) C869 PROP CHARGE M220		2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Oct 2012	Nov 2013	86,642	8.16	Y		
2.5) C869 PROP CHARGE M220	✓	2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Oct 2012	Nov 2013	316,912	8.16	Y		
2.5) C869 PROP CHARGE M220		2013	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Sep 2014	56,124	9.39	Y		
†2.6) C869 SHELL BODY, 81MM	✓	2011	TO BE SELECTED / Unknown	C / FFP	PICATINNY ARSENAL	Jan 2012	Jan 2013	83,578	46.95	Y		
†2.6) C869 SHELL BODY, 81MM		2011	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / FFP	PICATINNY ARSENAL	Jan 2012	Jan 2013	129,556	54.00	Y		
†2.6) C869 SHELL BODY, 81MM		2012	TO BE SELECTED / Unknown	C / FFP	PICATINNY ARSENAL	Mar 2012	Sep 2013	20,890	58.21	Y		
†2.6) C869 SHELL BODY, 81MM	✓	2012	TO BE SELECTED / Unknown	C / FFP	PICATINNY ARSENAL	Mar 2012	Sep 2013	79,248	58.21	Y		
†2.6) C869 SHELL BODY, 81MM		2013	TO BE SELECTED / Unknown	C / FFP	PICATINNY ARSENAL	Mar 2013	Sep 2014	14,030	70.99	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1091 - 81 MM, All Types					Aggregated Item Name: 81 MM, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2.7) C869 COMP B TYPE I CLASS A		2011	GOVERNMENT FURNISHED MATERIAL / PICATINNY ARSENAL, NJ	TBD	ROCK ISLAND ARSENAL	Oct 2010	Oct 2010	404,724	2.54	Y		
2.7) C869 COMP B TYPE I CLASS A	✓	2011	GOVERNMENT FURNISHED MATERIAL / PICATINNY ARSENAL, NJ	TBD	ROCK ISLAND ARSENAL	Oct 2010	Oct 2010	261,024	2.54	Y		
2.8) C869 COMP A-5 CLASS 1		2011	GOVERNMENT FURNISHED MATERIAL / PICATINNY ARSENAL, NJ	C / TBD	ROCK ISLAND ARSENAL	Oct 2010	Oct 2010	3,990	4.01	Y		
2.8) C869 COMP A-5 CLASS 1	✓	2011	GOVERNMENT FURNISHED MATERIAL / PICATINNY ARSENAL, NJ	C / TBD	ROCK ISLAND ARSENAL	Oct 2010	Oct 2010	25,187	4.01	Y		
2.8) C869 COMP A-5 CLASS 1		2012	GOVERNMENT FURNISHED MATERIAL / PICATINNY ARSENAL, NJ	C / TBD	ROCK ISLAND ARSENAL	Oct 2011	Oct 2011	641	3.12	Y		
2.8) C869 COMP A-5 CLASS 1	✓	2012	GOVERNMENT FURNISHED MATERIAL / PICATINNY ARSENAL, NJ	C / TBD	ROCK ISLAND ARSENAL	Oct 2011	Oct 2011	2,244	3.12	Y		
†2.9) C869 IMX-104		2012	BAE ORDNANCE SYSTEMS / KINGSFORT, TN	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Nov 2013	62,500	20.64	Y		
†2.9) C869 IMX-104	✓	2012	BAE ORDNANCE SYSTEMS / KINGSFORT, TN	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Nov 2013	228,585	20.64	Y		
†2.9) C869 IMX-104		2013	BAE ORDNANCE SYSTEMS / KINGSFORT, TN	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Nov 2014	43,814	21.34	Y		
†2.10) C869 M935 FUZE		2011	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	May 2012	Jul 2013	128,315	54.00	Y		
†2.10) C869 M935 FUZE	✓	2011	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	May 2012	Nov 2013	83,574	54.00	Y		
†2.10) C869 M935 FUZE		2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	May 2012	Nov 2013	21,463	57.68	Y		
†2.10) C869 M935 FUZE	✓	2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	May 2012	Jan 2014	78,485	57.68	Y		
†2.10) C869 M935 FUZE		2013	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Nov 2014	13,895	69.16	Y		
3) C870, CTG, 81MM SMOKE RP												
3.1) C870 LOAD, ASSEMBLE, AND PACK		2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	ROCK ISLAND ARSENAL	Feb 2012	Jan 2014	5,881	259.80	Y		
3.2) C870 OVERPACK CONTAINER PA157		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL	Mar 2012	Sep 2013	208	38.54	Y		
3.3) C870 FIBER CONTAINER PA162		2012	UAC, INC / WYNNEWOOD, PA	C / FFP	PICATINNY ARSENAL	Mar 2012	Sep 2013	6,223	4.66	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1091 - 81 MM, All Types					Aggregated Item Name: 81 MM, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
3.4) C870 GAMS		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL	Mar 2012	Jan 2013	12,246	18.21	Y		
3.5) C870 81MM SMOKE TAIL CONE		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL	Mar 2012	Sep 2013	6,142	15.63	Y		
3.6) C870 FIN ASSEMBLY M28		2012	GAYSTON CORP / SPRINGSBORO, OH	C / FFP	PICATINNY ARSENAL	Mar 2012	Sep 2013	6,110	17.02	Y		
3.7) C870 PROP CHARGE M218		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Oct 2012	Sep 2013	24,439	8.02	Y		
3.8) C870 IGN CARTRIDGE M752		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Nov 2012	May 2013	6,138	20.04	Y		
3.9) C870 RED PHOSPHORUS FILL		2012	TO BE SELECTED / UNKNOWN	PO	ROCK ISLAND ARSENAL	Mar 2012	Sep 2013	17,674	10.92	Y		
3.10) C870 FUZE M772		2012	JUNGHANS MICROTECH GMBH / DENNINGEN	PO	ROCK ISLAND ARSENAL	Mar 2012	Nov 2013	6,118	229.01	Y		
3.11) C870 81MM SMOKE BODY TUBE		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL	Mar 2012	Sep 2013	6,125	39.51	Y		
Remarks:												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012									
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1											P-1 Line Item Nomenclature: 1091 - 81 MM, All Types											Aggregated Item Name: 81 MM, All Types										
COST ELEMENTS Units in Thousands							Fiscal Year 2012											Fiscal Year 2013														
O C O	MFR Ref #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	Calendar Year 2012											Calendar Year 2013											B A L
										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		
1) C868, CTG, 81MM HE W/M734A1 MOF FUZE																																
1.1) C868 LOAD, ASSEMBLE, AND PACK																																
	15	2010	NAVY	279.7	0	279.7	20	-	-	-	-	-	24	36	19.66	-	-	36	36	36	36	36										
	15	2011	NAVY	14.62	0	14.62	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.62							
✓	15	2011	NAVY	17.34	0	17.34	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.34				
	16	2012	NAVY	3.078	0	3.078	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.078	
	16	2013	NAVY	11.4	0	11.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	11.4	
2) C869, CTG, 81MM HE W/M935 PD FUZE																																
2.1) C869 LOAD, ASSEMBLE, AND PACK																																
	17	2011	NAVY	124.6	0	124.6	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.38	10.38	103.8	
✓	17	2011	NAVY	80.37	0	80.37	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7	6.69	66.98	
	17	2012	NAVY	20.83	0	20.83	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.83	
✓	17	2012	NAVY	76.2	0	76.2	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76.2	
	17	2013	NAVY	13.49	0	13.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	13.49	
2.6) C869 SHELL BODY, 81MM																																
✓	18	2011	NAVY	83.58	0	83.58	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	12.8	12.8	12.8	12.8	12.8	12.78	6.794			
	18	2012	NAVY	20.89	0	20.89	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	12.89	
✓	18	2012	NAVY	79.25	0	79.25	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	66.25	
	18	2013	NAVY	14.03	0	14.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	14.03	
	19	2011	NAVY	129.6	0	129.6	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	19.69	19.69	19.69	19.69	19.69	18.84	12.27			
2.9) C869 IMX-104																																
	20	2012	NAVY	62.5	0	62.5	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.5	
✓	20	2012	NAVY	228.6	0	228.6	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	228.6	
	20	2013	NAVY	43.81	0	43.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	43.81	
2.10) C869 M935 FUZE																																
	21	2011	NAVY	128.3	0	128.3	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.5	19.5	19.5	69.82
✓	21	2011	NAVY	83.57	0	83.57	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83.57	
	21	2012	NAVY	21.46	0	21.46	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.46	
✓	21	2012	NAVY	78.49	0	78.49	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78.49	
							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		

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																			Date: February 2012													
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1091 - 81 MM, All Types												Aggregated Item Name: 81 MM, All Types													
COST ELEMENTS Units in Thousands							Fiscal Year 2012												Fiscal Year 2013													
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2012												Calendar Year 2013												B A 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	V	E	A	B	A	P	A	U	U	U		E
	21	2013	NAVY	13.9	0	13.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	13.9		
							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	V	E	A	B	A	P	A	U	U	U	E	

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																					Date: February 2012														
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1											P-1 Line Item Nomenclature: 1091 - 81 MM, All Types										Aggregated Item Name: 81 MM, All Types														
COST ELEMENTS Units in Thousands							Fiscal Year 2014										Fiscal Year 2015																		
O C O	MFR Ref #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	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				
1) C868, CTG, 81MM HE W/M734A1 MOF FUZE																																			
1.1) C868 LOAD, ASSEMBLE, AND PACK																																			
	15	2010	NAVY	279.7	279.7	0																													
	15	2011	NAVY	14.62	14.62	0																													
✓	15	2011	NAVY	17.34	17.34	0																													
	16	2012	NAVY	3.078	0	3.078	-	-	-	-	-	3.078																							
	16	2013	NAVY	11.4	0	11.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.4						
2) C869, CTG, 81MM HE W/M935 PD FUZE																																			
2.1) C869 LOAD, ASSEMBLE, AND PACK																																			
	17	2011	NAVY	124.6	20.76	103.8	10.38	10.38	10.38	10.38	10.38	10.38	10.38	10.38	10.38	10.4																			
✓	17	2011	NAVY	80.37	13.39	66.98	6.7	6.7	6.7	6.7	6.7	6.69	6.7	6.7	6.69	6.699																			
	17	2012	NAVY	20.83	0	20.83	-	-	-	-	-	1.73	1.74	1.73	1.73	1.74	1.74	1.74	1.73	1.74	1.73	1.74	1.735												
✓	17	2012	NAVY	76.2	0	76.2	-	-	-	-	-	6.36	6.35	6.35	6.35	6.34	6.35	6.35	6.35	6.35	6.35	6.35	6.35												
	17	2013	NAVY	13.49	0	13.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.13	1.12	1.12	1.13	1.12	1.12	1.12	5.625				
2.6) C869 SHELL BODY, 81MM																																			
✓	18	2011	NAVY	83.58	83.58	0																													
	18	2012	NAVY	20.89	8	12.89	8	4.89																											
✓	18	2012	NAVY	79.25	13	66.25	13	13	13	13	14.25																								
	18	2013	NAVY	14.03	0	14.03	-	-	-	-	-	-	-	-	-	-	14.03																		
	19	2011	NAVY	129.6	129.6	0																													
2.9) C869 IMX-104																																			
	20	2012	NAVY	62.5	0	62.5	-	31.25	31.25																										
✓	20	2012	NAVY	228.6	0	228.6	-	48.74	48.74	48.74	48.74	33.63																							
	20	2013	NAVY	43.81	0	43.81	-	-	-	-	-	-	-	-	-	-	-	-	-	43.81															
2.10) C869 M935 FUZE																																			
	21	2011	NAVY	128.3	58.5	69.82	19.5	19.5	19.5	11.32																									
✓	21	2011	NAVY	83.57	0	83.57	-	12.8	12.8	12.8	12.8	12.8	12.8	6.774																					
	21	2012	NAVY	21.46	0	21.46	-	3.58	3.58	3.58	3.58	3.58	3.563																						
✓	21	2012	NAVY	78.49	0	78.49	-	-	-	13.08	13.08	13.08	13.08	13.08	13.09																				
							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					

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																		Date: February 2012														
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1091 - 81 MM, All Types											Aggregated Item Name: 81 MM, All Types														
COST ELEMENTS Units in Thousands							Fiscal Year 2014										Fiscal Year 2015															
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2014										Calendar Year 2015															
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B	
							C	O	E	A	E	A	P	A	U	U	U	E	C	O	V	E	A	B	A	P	A	U	U	G	E	A
	21	2013	NAVY	13.9	0	13.9	-	-	-	-	-	-	-	-	-	-	-	13.9														
							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	V	E	A	B	A	P	A	U	U	G	E	



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LI 1091 - 81 MM, All Types  
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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																			Date: February 2012												
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1091 - 81 MM, All Types												Aggregated Item Name: 81 MM, All Types												
COST ELEMENTS Units in Thousands							Fiscal Year 2016										Fiscal Year 2017														
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2016										Calendar Year 2017														
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
							C	O	E	A	E	A	P	A	U	U	U	E	C	O	V	E	A	B	A	P	A	U	U	U	A
	21	2013	NAVY	13.9	13.9	0	T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P	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	V	C	N	B	R	R	Y	N	L	G	P	

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1	<b>P-1 Line Item Nomenclature:</b> 1091 - 81 MM, All Types	<b>Aggregated Item Name:</b> 81 MM, All Types

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	GDOTS CANADA - CANADA	.012	.012	.036	6	6	24	30	6	6	24	30
2	TO BE SELECTED - Unknown	.012	.012	.036	6	6	24	30	6	6	24	30
3	TO BE SELECTED - UNKNOWN	.012	.012	.036	6	6	24	30	6	6	24	30
4	TO BE SELECTED - Unknown	0	0	0	0	0	0	0	0	0	0	0
5	MEDICO INDUSTRIES - WILKES-BARRE, PA	0	0	0	0	0	0	0	0	0	0	0
6	BAE ORDNANCE SYSTEMS - KINGSPORT, TN	0	0	0	0	0	0	0	0	0	0	0
7	TO BE SELECTED - Unknown	0	0	0	0	0	0	0	0	0	0	0

**Remarks:**

‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition							<b>P-1 Line Item Nomenclature:</b> 1121 - 120 MM, All Types					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	58.528	106.601	20.614	12.557	11.605	24.162	37.412	32.913	36.053	34.289	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	58.528	106.601	20.614	12.557	11.605	24.162	37.412	32.913	36.053	34.289	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	58.528	106.601	20.614	12.557	11.605	24.162	37.412	32.913	36.053	34.289	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
<p><b>Description:</b>  Base Appropriation Request:  The Cartridge, 120mm Target Practice Cone Stabilized Discarding Sabot with Tracer (TPCSDS-T) M865 (DODIC C785) is a kinetic energy, target practice round for use with the 120mm smooth bore M256 Cannon. It is designed to simulate the service round characteristics at reduced maximum ranges to allow the practice firings on short range proving grounds and training areas.</p> <p>The XM1002 Target Practice Multi-Purpose Cartridge with Tracer (TPMP-T) (DODIC CA31), 120mm Cartridge is a Training Cartridge for the tactical M830A1 HEAT-MP-T Cartridge.</p> <p>The Cartridge, 120mm, Multi-Purpose, High Explosive (HE), Traced (MPHE-T) (DODIC CA57) is an all-up-item and full caliber, 120mm cartridge with a high explosive filled projectile and a combustible cartridge case. The cartridge is functioned by receiving electronic data thru a databus from the M1A1 Tank fire control system setting the appropriate fuze mode and then fired by receiving an electrical pulse to the electric primer, igniting the propellant/combustable case and launching the projectile. It is made up of a programmable fuze, steel projectile, tungsten pellets, High Explosive fill, tracer, combustible case, steel base cap, electric primer. It's external configuration consists of a bronze green ballistic hood/probe, bronze green projectile color, silver combustible case; consistent with current ammunition color schemes</p> <p>Expeditionary Fire Support System (EFSS) (DODIC EFSS) will be a family of 120MM that will include Illumination, HE, and White Phosphorus munitions. The EFSS will provide all-weather, ground-based, close supporting, accurate, immediately responsive, and lethal indirect fire support for the Marine Air-Ground Task Force (MAGTF). EFSS will be the principal indirect fire support weapon for Marine Expeditionary Units and vertical assault elements of a Ship-To-Objective Maneuver force. EFSS will be capable of successfully engaging a spectrum of potential point and area targets, including motorized, light armored, and dismounted personnel targets, command and control systems, and indirect fire systems.</p> <p>The M1101 Cartridge, 120mm Mortar, High Explosive (HE) (DODIC CA45) is designed for use with the EFSS 120mm Mortar System. The M1101 ammunition is used in the 120mm rifled towed mortar M327 and is a spin stabilized round. The round is used against personnel and materiel providing both fragmentation and blast effect. It contains a propulsion system consisting of a detachable metal tail charge assembly (TCA), 11 propellant increment bags, double base flake propellant primer and a TCA ejection charge. The projectile consists of a naturally fragmenting steel body, plastic gas ring and an M767A1 fuze.</p> <p>The M1105 Cartridge, 120mm Mortar, Illumination (DODIC CA46) is designed for use with the EFSS 120mm Mortar System. The M1105 ammunition is used in the 120mm rifled towed mortar M327 and is a spin stabilized round. It is a visible illuminant round used to provide battlefield illumination of a desired point or area. It contains a propulsion system consisting of a detachable metal tail charge assembly</p>												

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy	<b>Date:</b> February 2012
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition	<b>P-1 Line Item Nomenclature:</b> 1121 - 120 MM, All Types
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>(TCA), 11 propellant increment bags, dougble base flake propellant primer and a TCA ejection charge. It has a main parachute, brake parachute, and an illuminating ignition charge. The projectile consists of a steel body, plastic gas ring and an M762A1 fuze.</p> <p>The XM1103 Cartridge, 120mm Mortar, White Phosphorus (WP) (DODIC CA49) is designed for use with the EFSS 120mm Mortar System. The M1103 ammunition is used in the 120mm rifled towed mortar M327 and is a spin stabilized round. The round is a WP smoke round used to obscure the battlefield and also poses a fragmentation hazard. It contains a propulsion system consisting of a detachable metal tail charge assembly (TCA), 11 propellant increment bags, dougble base flake propellant primer and a TCA ejection charge. The projectile consists of a steel body, plastic gas ring and an M767A1 fuze.</p> <p>FY13 Overseas Contingency Operations Request (OCO):</p> <p>DODIC CA45, \$11.605. Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.</p>		

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
120 MM, All Types (See enclosed P-40A)	P40A, P5A, P21				58.528			106.601			20.614			12.557			11.605			24.162
<b>Total Gross/Weapon System Cost</b>					<b>58.528</b>			<b>106.601</b>			<b>20.614</b>			<b>12.557</b>			<b>11.605</b>			<b>24.162</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

**Justification:**

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1121 - 120 MM, All Types							Aggregated Item Name: 120 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
1) C785, CTG, 120MM TPCSDS-T M865																			
† 1.1) C785 COMPLETE ROUND M865	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) C785 ACCEPTANCE TESTING	A	-	-	0.153	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) C785 PRODUCTION ENGINEERING	A	-	-	0.174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) C785 QUALITY ASSURANCE	A	-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) C785 NONRECURRING	A	-	-	1.752	-	-	-	-	-	0.534	-	-	-	-	-	-	-	-	-
Subtotal 1) C785, CTG, 120MM TPCSDS-T M865				2.080			0.000			0.534			0.000			0.000			0.000
2) CA31, CTG, 120MM TPMP-T M1002																			
† 2.1) CA31 COMPLETE ROUND	A	-	-	21.680	1,531.00	6,516	9.976	3,284.00	3,768	12.374	-	-	-	-	-	-	-	-	-
† 2.2) CA31 COMPLETE ROUND (2)	A	-	-	12.085	1,540.51	5,924	9.126	-	-	-	-	-	-	-	-	-	-	-	-
2.3) CA31 ACCEPTANCE TESTING	A	-	-	0.255	-	-	0.305	-	-	0.089	-	-	-	-	-	-	-	-	-
2.4) CA31 PRODUCTION ENGINEERING	A	-	-	0.530	-	-	1.267	-	-	0.385	-	-	-	-	-	-	-	-	-
2.5) CA31 QUALITY ASSURANCE	A	-	-	0.003	-	-	0.006	-	-	0.002	-	-	-	-	-	-	-	-	-
2.6) CA31 REMAINDER	A	-	-	0.017	-	-	0.002	-	-	0.001	-	-	-	-	-	-	-	-	-
Subtotal 2) CA31, CTG, 120MM TPMP-T M1002				34.570			20.682			12.851			0.000			0.000			0.000
3) CA57 CARTRIDGE, 120MM, MPHE																			
3.1) CA57 SYSTEM BUY	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1121 - 120 MM, All Types							Aggregated Item Name: 120 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Subtotal 3) CA57 CARTRIDGE, 120MM, MPHE				0.000			0.000			0.000			0.000			0.000			0.000
4) EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS)																			
† 4.1) EFSS AMMUNITION UNDER DEVELOPMENT	A	-	-	21.878	4,826.32	17,374	83.852	4,970.43	1,454	7.227	-	-	-	-	-	-	-	-	-
4.2) EFSS PRODUCTION ENGINEERING	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS)				21.878			83.852			7.227			0.000			0.000			0.000
5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101																			
† 5.1) CA45 ALL UP ROUND	A	-	-	-	-	-	2.067	-	-	0.002	2,669.00	4,705	12.557	2,669.00	4,348	11.605	2,669.00	9,053	24.162
Subtotal 5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101				0.000			2.067			0.002			12.557			11.605			24.162
6) CA46 120MM MORTAR ILLUM M1105																			
6.1) CA46 ALL UP ROUND	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) CA46 120MM MORTAR ILLUM M1105				0.000			0.000			0.000			0.000			0.000			0.000
7) CA49 120MM MORTAR WHITE PHOSPHORUS, XM1103																			
7.1) CA49 ALL UP ROUND	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) CA49 120MM MORTAR WHITE PHOSPHORUS, XM1103				0.000			0.000			0.000			0.000			0.000			0.000
8) DWGU 120MM MORTAR TAIL CHARGE ASSEMBLY																			



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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB 2013 Navy	<b>Date:</b> February 2012
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1	<b>P-1 Line Item Nomenclature:</b> 1121 - 120 MM, All Types	<b>Aggregated Item Name:</b> 120 MM, All Types
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
8.1) DWGU ALL UP ROUND	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 8) DWGU 120MM MORTAR TAIL CHARGE ASSEMBLY				0.000			0.000			0.000			0.000			0.000			0.000
<b>Total</b>				<b>58.528</b>			<b>106.601</b>			<b>20.614</b>			<b>12.557</b>			<b>11.605</b>			<b>24.162</b>

**Remarks:**

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1121 - 120 MM, All Types					Aggregated Item Name: 120 MM, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) C785, CTG, 120MM TPCSDS-T M865												
1.1) C785 COMPLETE ROUND M865	✓	2010	GENERAL DYNAMICS / ST PETERSBURG, FL	SS / FFP	JMC, ROCK ISLAND, IL	Feb 2010	Mar 2011	33,420	895.92	Y		
1.1) C785 COMPLETE ROUND M865		2010	ALLIANT TECH SYS INC / PLYMOUTH, MN	SS / FFP	JMC, ROCK ISLAND, IL	Feb 2010	Feb 2011	3,570	919.53	Y		
2) CA31, CTG, 120MM TPMP-T M1002												
†2.1) CA31 COMPLETE ROUND		2010	GENERAL DYNAMICS / ST. PETERSBURG, FL	SS / FFP	JMC, ROCK ISLAND, IL	Feb 2010	May 2011	3,714	1,474.96	Y		
†2.1) CA31 COMPLETE ROUND	✓	2010	GENERAL DYNAMICS / ST. PETERSBURG, FL	SS / FFP	JMC, ROCK ISLAND, IL	Feb 2010	May 2011	10,692	1,515.34	Y		
†2.1) CA31 COMPLETE ROUND		2011	GENERAL DYNAMICS / ST. PETERSBURG, FL	SS / FFP	JMC, ROCK ISLAND, IL	Feb 2011	Mar 2012	2,460	1,507.17	Y		
†2.1) CA31 COMPLETE ROUND	✓	2011	GENERAL DYNAMICS / ST. PETERSBURG, FL	SS / FFP	JMC, ROCK ISLAND, IL	Feb 2011	Mar 2012	4,056	1,545.40	Y		
†2.1) CA31 COMPLETE ROUND		2012	ALLIANT TECH SYS INC / PLYMOUTH, MN	SS / FFP	JMC, ROCK ISLAND, IL	Jan 2012	Dec 2012	2,550	3,284.00	Y		
†2.1) CA31 COMPLETE ROUND	✓	2012	ALLIANT TECH SYS INC / PLYMOUTH, MN	SS / FFP	JMC, ROCK ISLAND, IL	Jan 2012	Dec 2012	1,218	3,284.00	Y		
†2.2) CA31 COMPLETE ROUND (2)		2010	ALLIANT TECH SYS INC / PLYMOUTH, MN	SS / FFP	JMC, ROCK ISLAND, IL	Feb 2010	Jan 2011	870	1,475.86	Y		
†2.2) CA31 COMPLETE ROUND (2)	✓	2010	ALLIANT TECH SYS INC / PLYMOUTH, MN	SS / FFP	JMC, ROCK ISLAND, IL	Feb 2010	Jan 2011	7,127	1,515.50	Y		
†2.2) CA31 COMPLETE ROUND (2)		2011	ALLIANT TECH SYS INC / PLYMOUTH, MN	SS / FFP	JMC, ROCK ISLAND, IL	Feb 2011	Mar 2012	757	1,507.17	Y		
†2.2) CA31 COMPLETE ROUND (2)	✓	2011	ALLIANT TECH SYS INC / PLYMOUTH, MN	SS / FFP	JMC, ROCK ISLAND, IL	Feb 2011	Mar 2012	5,167	1,545.40	Y		
4) EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS)												
†4.1) EFSS AMMUNITION UNDER DEVELOPMENT		2009	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC	Jan 2011	Aug 2012	11,984	4,685.80	Y		
†4.1) EFSS AMMUNITION UNDER DEVELOPMENT	✓	2009	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC	Jan 2011	Aug 2012	6,682	4,685.80	Y		
†4.1) EFSS AMMUNITION UNDER DEVELOPMENT		2010	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC	Jan 2011	Aug 2012	3,815	4,685.80	Y		
†4.1) EFSS AMMUNITION UNDER DEVELOPMENT	✓	2010	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC	Jan 2011	Aug 2012	854	4,685.80	Y		

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<b>Exhibit P-5A, Budget Procurement History and Planning:</b> PB 2013 Navy										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1				<b>P-1 Line Item Nomenclature:</b> 1121 - 120 MM, All Types					<b>Aggregated Item Name:</b> 120 MM, All Types			
<b>Cost Elements</b> († indicates the presence of a P-21)	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Contract Method and Type</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty</b> (Each)	<b>Unit Cost</b> (\$)	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
†4.1) EFSS AMMUNITION UNDER DEVELOPMENT	✓	2011	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC	Jan 2011	Aug 2012	17,374	4,826.32	Y		
†4.1) EFSS AMMUNITION UNDER DEVELOPMENT	✓	2012	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC	Jan 2012	Aug 2013	1,454	4,970.43	Y		
<b>5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101</b>												
†5.1) CA45 ALL UP ROUND		2013	GENERAL DYNAMICS / ST. PETERSBURG, FL	C / FFP	MCSC	Jan 2013	Aug 2014	4,705	2,669.00	Y		
†5.1) CA45 ALL UP ROUND	✓	2013	GENERAL DYNAMICS / ST. PETERSBURG, FL	C / FFP	MCSC	Jan 2013	Aug 2014	4,348	2,669.00	Y		
<b>Remarks:</b>												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1121 - 120 MM, All Types										Aggregated Item Name: 120 MM, All Types																			
COST ELEMENTS Units in Thousands							Fiscal Year 2011										Fiscal Year 2012																						
O C O	MFR Ref #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2011																				Calendar Year 2012												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									
2) CA31, CTG, 120MM TPMP-T M1002																																							
2.1) CA31 COMPLETE ROUND																																							
	22	2010	NAVY	3.714	0	3.714	-	-	-	-	-	-	-	.62	2.65	-	-	-	-	.444																			
✓	22	2010	NAVY	10.69	0	10.69	-	-	-	-	-	-	-	5.31	-	-	-	-	-	5.382																			
	22	2011	NAVY	2.46	0	2.46	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	.21	.21	.21	.21	.21	.21	.21	.21	0.99							
✓	22	2011	NAVY	4.056	0	4.056	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	.316	.34	.34	.34	.34	.34	.34	.34	1.7							
	23	2012	NAVY	2.55	0	2.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	2.55							
✓	23	2012	NAVY	1.218	0	1.218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	1.218							
2.2) CA31 COMPLETE ROUND (2)																																							
	24	2010	NAVY	.87	0	.87	-	-	-	.36	-	-	-	-	-	-	-	-	-	.51																			
✓	24	2010	NAVY	7.127	0	7.127	-	-	-	7.127																													
	24	2011	NAVY	.757	0	.757	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	.075	.075	.075	.075	.075	.075	.075	.075	0.232								
✓	24	2011	NAVY	5.167	0	5.167	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	.43	.437	.43	.43	.43	.43	.43	.43	2.15								
4) EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS)																																							
4.1) EFSS AMMUNITION UNDER DEVELOPMENT																																							
	25	2009	NAVY	11.98	0	11.98	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.98									
✓	25	2009	NAVY	6.682	0	6.682	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.682									
	25	2010	NAVY	3.815	0	3.815	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.146	-	0.669							
✓	25	2010	NAVY	.854	0	.854	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.854									
✓	25	2011	NAVY	17.37	0	17.37	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	15.37							
✓	25	2012	NAVY	1.454	0	1.454	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	1.454							
5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101																																							
5.1) CA45 ALL UP ROUND																																							
	26	2013	NAVY	4.705	0	4.705	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.705								
✓	26	2013	NAVY	4.348	0	4.348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.348								
							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									

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																	
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1121 - 120 MM, All Types										Aggregated Item Name: 120 MM, All Types																	
COST ELEMENTS Units in Thousands							Fiscal Year 2013										Fiscal Year 2014																				
O C O	MFR Ref #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013																				Calendar Year 2014										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							
2) CA31, CTG, 120MM TPMP-T M1002																																					
2.1) CA31 COMPLETE ROUND																																					
	22	2010	NAVY	3.714	3.714	0																															
✓	22	2010	NAVY	10.69	10.69	0																															
	22	2011	NAVY	2.46	1.47	.99	.21	.21	.21	.21	.15																										
✓	22	2011	NAVY	4.056	2.356	1.7	.34	.34	.34	.34	.34																										
	23	2012	NAVY	2.55	0	2.55	-	-	.25	.25	.25	.25	.2	.2	.2	.2	.2	.2	.2	.15																	
✓	23	2012	NAVY	1.218	0	1.218	-	-	.11	.108	.1	.1	.1	.1	.1	.1	.1	.1	.1																		
2.2) CA31 COMPLETE ROUND (2)																																					
	24	2010	NAVY	.87	.87	0																															
✓	24	2010	NAVY	7.127	7.127	0																															
	24	2011	NAVY	.757	.525	.232	.075	.075	.075	.007																											
✓	24	2011	NAVY	5.167	3.017	2.15	.43	.43	.43	.43	.43																										
4) EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS)																																					
4.1) EFSS AMMUNITION UNDER DEVELOPMENT																																					
	25	2009	NAVY	11.98	11.98	0																															
✓	25	2009	NAVY	6.682	6.682	0																															
	25	2010	NAVY	3.815	3.146	.669	.669																														
✓	25	2010	NAVY	.854	.854	0																															
✓	25	2011	NAVY	17.37	2	15.37	4	-	4	-	4	-	3.374																								
✓	25	2012	NAVY	1.454	0	1.454	-	-	-	-	-	-	-	-	-	1	-	.454																			
5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101																																					
5.1) CA45 ALL UP ROUND																																					
	26	2013	NAVY	4.705	0	4.705	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2.705								
✓	26	2013	NAVY	4.348	0	4.348	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2.348								
							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							

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1	<b>P-1 Line Item Nomenclature:</b> 1121 - 120 MM, All Types	<b>Aggregated Item Name:</b> 120 MM, All Types

		PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	GENERAL DYNAMICS - ST. PETERSBURG, FL	.001	.011	.034	6	4	11	15	6	4	11	15
2	ALLIANT TECH SYS INC - PLYMOUTH, MN	.001	.011	.034	6	4	11	15	6	4	11	15
3	ALLIANT TECH SYS INC - PLYMOUTH, MN	.001	.011	.034	6	4	11	15	6	4	11	15
4	GENERAL DYNAMICS - ST PETERSBURG, FL	0	0	0	0	0	0	0	0	0	0	0
5	GENERAL DYNAMICS - ST. PETERSBURG, FL	0	0	0	0	0	0	0	0	0	0	0

**Remarks:**

‡ Delivery rows marked with the ‡ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy	<b>Date:</b> February 2012
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition	<b>P-1 Line Item Nomenclature:</b> 1388 - CTG 25 MM, All Types
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:						Other Related Program Elements:					
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.002	3.914	4.691	0.000	2.831	2.831	-	3.370	1.379	1.421	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.002	3.914	4.691	0.000	2.831	2.831	-	3.370	1.379	1.421	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.002	3.914	4.691	0.000	2.831	2.831	-	3.370	1.379	1.421	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Base Appropriation Request:

The Cartridge, 25mm Target Practice Discarding Sabot with Tracer (TPDS-T) M910 Linked (DODIC A940) is fired from the M242 Automatic Cannon. This cartridge is a fixed type, percussion primer 25mm ammunition intended as a training substitute for armor piercing service ammunition.

The Cartridge, 25mm Target Practice-Tracer (TP-T) M793 Linked (DODIC A976) is a target practice cartridge used in training, gun testing, and gun system functioning for the M242 25mm Automatic Cannon. The M793 is a fixed type, percussion primed 25mm projectile, and is intended as a substitute for the 25mm tactical round cartridge.

FY13 Overseas Contingency Operations Request (OCO):

DODIC A976, \$2.831. Lack of funding to replace training expenditures will further erode the USMC's War Reserve Munitions Requirement (WRMR) and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
CTG 25 MM, All Types (See enclosed P-40A)	P40A, P5A				0.002			3.914			4.691			0.000			2.831			2.831
<b>Total Gross/Weapon System Cost</b>					<b>0.002</b>			<b>3.914</b>			<b>4.691</b>			<b>0.000</b>			<b>2.831</b>			<b>2.831</b>

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy		Date: February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition		<b>P-1 Line Item Nomenclature:</b> 1388 - CTG 25 MM, All Types
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.		
<b>Justification:</b>		



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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1388 - CTG 25 MM, All Types						Aggregated Item Name: CTG 25 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) A940, CTG, 25MM TPDS-T LINKED M910																			
† 1.1) A940 LOAD, ASSEMBLE, AND PACK C1	A	-	-	-	-	-	-	30.28	109,049	3.302	-	-	-	-	-	-	-	-	-
† 1.2) A940 LOAD, ASSEMBLE, AND PACK C2	A	-	-	-	29.52	90,447	2.670	-	-	-	-	-	-	-	-	-	-	-	-
† 1.3) A940 CONTAINER PA125	A	-	-	-	50.34	2,562	0.129	53.75	3,740	0.201	-	-	-	-	-	-	-	-	-
1.4) A940 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.037	-	-	0.060	-	-	-	-	-	-	-	-	-
1.5) A940 QUALITY ASSURANCE	A	-	-	0.002	-	-	0.002	-	-	0.004	-	-	-	-	-	-	-	-	-
1.6) A940 FIRST ARTICLE TESTING	A	-	-	-	-	-	0.076	-	-	0.124	-	-	-	-	-	-	-	-	-
Subtotal 1) A940, CTG, 25MM TPDS-T LINKED M910				0.002			2.914			3.691			0.000			0.000			0.000
2) A976, CTG, 25MM TP-T LINKED M793																			
† 2.1) A976 LOAD, ASSEMBLE, AND PACK C1	A	-	-	-	18.72	23,985	0.449	34.48	12,384	0.427	-	-	0.000	37.62	71,079	2.674	37.62	71,079	2.674
† 2.2) A976 LOAD, ASSEMBLE, AND PACK C2	A	-	-	-	18.72	24,038	0.450	31.80	13,428	0.427	-	-	-	-	-	-	-	-	-
† 2.3) A976 CONTAINER PA125	A	-	-	-	25.85	1,663	0.043	53.75	856	0.046	-	-	0.000	64.63	2,414	0.156	64.63	2,414	0.156
2.4) A976 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.057	-	-	0.036	-	-	-	-	-	-	-	-	-
2.5) A976 QUALITY ASSURANCE	A	-	-	-	-	-	0.001	-	-	0.001	-	-	-	-	-	-	-	-	-
2.6) A976 FIRST ARTICLE TESTING	A	-	-	-	-	-	-	-	-	0.063	-	-	0.000	-	-	0.001	-	-	0.001

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB 2013 Navy															<b>Date:</b> February 2012				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1							<b>P-1 Line Item Nomenclature:</b> 1388 - CTG 25 MM, All Types							<b>Aggregated Item Name:</b> CTG 25 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Subtotal 2) A976, CTG, 25MM TP-T LINKED M793				0.000			1.000			1.000			0.000			2.831			2.831
<b>Total</b>				<b>0.002</b>			<b>3.914</b>			<b>4.691</b>			<b>0.000</b>			<b>2.831</b>			<b>2.831</b>
<b>Remarks:</b>																			

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1			P-1 Line Item Nomenclature: 1388 - CTG 25 MM, All Types						Aggregated Item Name: CTG 25 MM, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) A940, CTG, 25MM TPDS-T LINKED M910												
1.1) A940 LOAD, ASSEMBLE, AND PACK C1		2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Mar 2013	84,082	30.28	Y		
1.1) A940 LOAD, ASSEMBLE, AND PACK C1	✓	2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Mar 2013	24,967	30.28	Y		
1.2) A940 LOAD, ASSEMBLE, AND PACK C2		2011	ALLIANT TECH SYS, INC / MESA, AZ	C / FFP	ROCK ISLAND ARSENAL	Jun 2011	Feb 2012	57,893	29.52	Y		
1.2) A940 LOAD, ASSEMBLE, AND PACK C2	✓	2011	ALLIANT TECH SYS, INC / MESA, AZ	C / FFP	ROCK ISLAND ARSENAL	Jun 2011	Jun 2012	32,554	29.52	Y		
1.3) A940 CONTAINER PA125		2011	CONCO, INC / LOUISVILLE, KY	C / FFP	ROCK ISLAND ARSENAL	May 2011	Nov 2011	1,986	50.34	Y		
1.3) A940 CONTAINER PA125	✓	2011	CONCO, INC / LOUISVILLE, KY	C / FFP	ROCK ISLAND ARSENAL	May 2011	Nov 2011	576	50.34	Y		
1.3) A940 CONTAINER PA125		2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Nov 2012	2,884	53.75	Y		
1.3) A940 CONTAINER PA125	✓	2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Nov 2012	856	53.75	Y		
2) A976, CTG, 25MM TP-T LINKED M793												
2.1) A976 LOAD, ASSEMBLE, AND PACK C1		2011	GENERAL DYNAMICS OTS / MARION, IL	C / FFP	ROCK ISLAND ARSENAL	Jun 2011	Feb 2012	23,985	18.72	Y		
2.1) A976 LOAD, ASSEMBLE, AND PACK C1		2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Mar 2013	12,384	34.48	Y		
2.1) A976 LOAD, ASSEMBLE, AND PACK C1	✓	2013	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Nov 2013	71,079	37.62	Y		
2.2) A976 LOAD, ASSEMBLE, AND PACK C2		2011	ALLIANT TECH SYS, INC / MESA, AZ	C / FFP	ROCK ISLAND ARSENAL	Jun 2011	Dec 2011	24,038	18.72	Y		
2.2) A976 LOAD, ASSEMBLE, AND PACK C2		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Mar 2013	13,428	31.80	Y		
2.3) A976 CONTAINER PA125		2011	CONCO, INC / LOUISVILLE, KY	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Nov 2011	1,663	25.85	Y		
2.3) A976 CONTAINER PA125		2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Nov 2012	856	53.75	Y		
2.3) A976 CONTAINER PA125	✓	2013	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Nov 2013	2,414	64.63	Y		
Remarks:												

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition							<b>P-1 Line Item Nomenclature:</b> 1468 - Grenades, All Types					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	16.735	11.374	19.363	7.634	2.359	9.993	13.669	48.890	14.020	13.969	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	16.735	11.374	19.363	7.634	2.359	9.993	13.669	48.890	14.020	13.969	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	16.735	11.374	19.363	7.634	2.359	9.993	13.669	48.890	14.020	13.969	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Description:</b> Base Appropriation Request Continued:  The Fuze, Hand Grenade Practice, w/ Conf Clip, M228 (DODIC G878) is a pyrotechnic delay-igniting fuze. The fuze is used with the Grenade, Hand Practice M69 (DODIC G811). The fuze contains a primer and a pyrotechnic delay column.  The Grenade, Hand Fragmentation w/ Conf Clip, M67 (DODIC G881) is used to supplement small arms fire against the enemy in close combat. The grenade produces casualties by high velocity projection of fragments in a uniform distribution pattern. The grenade body contains 6.5 ounces of Composition B high explosive. This grenade is fused with the M213 Pyrotechnic Delay-detonating fuze.  The Grenade, Hand Incendiary Thermite (TH-3) AN-M14 (DODIC G900) is used to provide a source of intense heat to destroy equipment. This incendiary hand grenade generates heat up to 4000 F. The grenade filler will burn for 30 to 45 seconds. It is filled with an incendiary mixture, TH-3, and First-Fire Mixture VII. This grenade is fused with the M201A1 Pyrotechnic Delay-igniting Fuze.  The Grenade, 66mm Smoke Screening (IR), Vehicle Launched MK 1 MOD 0 (DODIC GG24, formerly VIRSS) is used in the M257 Smoke Grenade Launcher installed on Tanks, AAV's, and LAVs. This 66mm Smoke Screening grenade will provide Infra-Red (IR) and visual smoke screening for armored/tactical vehicles and personal in combat as well as in training environments.  The Mine, Antipersonnel M18A1 Non-Electric (Shock Tube) initiation system (DODIC J007) is a fragmentation Anti-Personnel mine that contains 700 steel balls and 682 grams of composition C4 explosive. It is a command detonated mine that is activated by a blasting cap. The mine projects a fan shaped pattern of steel balls in a 60 arc at a height of 2 meters and cover a casualty radius of 100 meters.  The Riot Control Agent, CS (DODIC K765) is a riot control agent capsule that consists of ortho-chlorobenzylidene malano-nitrile. The capsules are used to demonstrate to trainees the protection effort afforded by properly fitted chemical-biological masks, and to demonstrate to unmasked trainees the effects of CS riot control agents.  The SPIDER, (DODIC's TS01, TS02, and TS04, formally-KSPD) is a hand-emplaced system that consists of three main hardware items: Munition Control Units (lethal and non-lethal), remote control and a repeater. SPIDER requires a man-in-the loop for system operation and activation of the lethal mechanism. With this feature, the Marine makes a conscious decision based on intelligence and rules of engagement to engage a target with a lethal mechanism. This prevents fratricide and addresses the humanitarian concerns.												

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition		<b>P-1 Line Item Nomenclature:</b> 1468 - Grenades, All Types
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>The Signal, Illumination, Ground Green Star Parachute M195 (DODIC L305) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signal projects to an altitude of approximately 700-800 feet, producing a parachute suspended star which burns for approximately 25 seconds (minimum).</p> <p>The Signal, Illumination Ground Red Star Parachute M126A1 (DODIC L311) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signal projects to an altitude of approximately 700-800 feet, producing a parachute suspended star that burns for 25 seconds (minimum).</p> <p>The Simulator, Projectile Ground Burst M115A2 (DODIC L594) is used to simulate battle noises and effects on land only ( in flight and ground explosions) during maneuvers and personnel training. This simulator consists of a cylindrical paper tube containing a photoflash charge and a whistle assembly. The whistle assembly, extending from one end of the photoflash charge, is a paper tube containing a slow burning whistle composition, and is joined to a fuze lighter by a length of safety fuze.</p> <p>The Cartridge, Simulator Signal and Illumination White Star GF 1.5 (DODIC LA44) is used in the OMEGA 36/B2 BES System as a training device which ignites pyrotechnic cartridges on command. When used in conjunction with the GF 1.5 Signal and Illumination, White Star cartridge it produces the flash/bang/stars simulating impact/strike/hit of a round on an armored target. The cartridge emits 8 to 12 white burning stars. It has a 3000 meter visibility and a 110 db maximum sound level at 6 Meters.</p> <p>The Cartridge, Simulator Airburst GF 1.5 (DODIC LA45) is used in the OMEGA 36/B2 BES System as a training device which ignites pyrotechnic cartridges on command. When used in conjunction with the GF 1.5 Cartridge, Simulator Airburst it produces a whistle, flash, bang, and smoke signature which simulates indirect artillery fire. It has a 3000 Meter infrared visibility and a 140 db maximum sound level at 6 Meters.</p> <p>The Cartridge, Simulator Hostile Fire GF 1.5 (DODIC LA46) is used in the OMEGA 36/B2 BES System as a training device which ignites pyrotechnic cartridges on command. When used in conjunction with the GF 1.5 Hostile Fire cartridge, it produces an orange flash and white smoke simulating large caliber gunfire. It has an 1800 meter visibility with the naked eye. It has a 3000 Meter visibility and a 140 db maximum sound level at 6 Meters.</p> <p>The Cartridge, Simulator AT Guided Missile Stinger GF 1.5 (DODIC LA47) is used in the OMEGA 36/B2 BES System as a training device which ignites pyrotechnic cartridges on command. When used in conjunction with the GF 1.5 Cartridge, Simulator AT Guided Missile Stinger it simulates firing an RPG and produces a 1 Meter Missile Plume Tail. It has a 3000 meter visibility with a 120 db maximum sound level at 6 Meters.</p> <p>The Signaling Colored Smoke Grenades (DODIC's TBD, but listed as SCSG, formally G940, G945, G950, G955, and G982) Colors in Green, Yellow, Red, Violet, and White is an approved OSD Foreign Comparative Test (FCT) program. SCSG provide ground-to-air or ground-to-ground signaling during battlefield operations. The intent is to procure colored smoke grenades that will provide the war fighter with similar smoke duration, a standard and possibly safer initiation system, and a reduced flame at ignition.</p> <p>The Smokey Sam, (DODIC YW33) is a rocket constructed of phenolic paper and Styrofoam fins used to provide a realistic visual Surface-to-Air Missile (SAM) threat during air war training exercises. Because of its lightweight construction, the Smokey Sam will not cause serious damage even if it should hit low flying aircraft. It was given its name because of the thick white cloud of smoke that it trails when fired to simulate a SAM. The Smokey Sam is 38 cm (15 in) long and has a diameter of 5 cm (2 in). It has a maximum ceiling of 550 m (1800 ft). The Smokey Sam can be launched from unprepared ground by using single bay or four bay launchers (LMU-23/E and LMU-24/E, respectively).</p> <p>FY13 Overseas Contingency Operations Request (OCO):</p> <p>DODIC L594, \$1.000; SCSG, \$1.359. Lack of funding to replace combat and training expenditures will further erode the USMC's War Reserve Munitions Requirement (WRMR) stockpile and negatively affect our ability to execute another MCO, if required.</p>		

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**Exhibit P-40, Budget Item Justification Sheet:** PB 2013 Navy **Date:** February 2012

**Appropriation / Budget Activity / Budget Sub Activity:**  
1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition

**P-1 Line Item Nomenclature:**  
1468 - Grenades, All Types

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Grenades, All Types (See enclosed P-40A)	P40A, P5A, P21				16.735			11.374			19.363			7.634			2.359			9.993
<b>Total Gross/Weapon System Cost</b>					<b>16.735</b>			<b>11.374</b>			<b>19.363</b>			<b>7.634</b>			<b>2.359</b>			<b>9.993</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

## Justification:

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1468 - Grenades, All Types							Aggregated Item Name: Grenades, All Types				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
1) G878 FUZE, HAND GREN PRACT W/ CONF CLIP M228																			
† 1.1) G878 LOAD, ASSEMBLE, PACK (LAP) C 1	A	-	-	1.314	5.73	303,490	1.739	5.77	266,724	1.539	-	-	-	-	-	-	-	-	-
† 1.2) G878 LOAD, ASSEMBLE, PACK (LAP) C 2	A	-	-	0.875	5.73	202,269	1.159	5.77	177,990	1.027	-	-	-	-	-	-	-	-	-
1.3) G878 PRODUCT ENGINEERING	A	-	-	0.266	-	-	0.197	-	-	0.316	-	-	-	-	-	-	-	-	-
1.4) G878 QUALITY ASSURANCE	A	-	-	0.003	-	-	0.008	-	-	0.004	-	-	-	-	-	-	-	-	-
Subtotal 1) G878 FUZE, HAND GREN PRACT W/ CONF CLIP M228				2.458			3.103			2.886			0.000			0.000			0.000
2) G881 GRENADE, HAND FRAG W/ CONF CLIP M67																			
† 2.1) G881 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	2.258	29.03	219,876	6.383	30.57	97,514	2.981	-	-	-	-	-	-	-	-	-
2.2) G881 PRODUCT ENGINEERING	A	-	-	0.536	-	-	0.627	-	-	0.544	-	-	-	-	-	-	-	-	-
2.3) G881 QUALITY ASSURANCE	A	-	-	0.006	-	-	0.020	-	-	0.011	-	-	-	-	-	-	-	-	-
2.4) G881 NONRECURRING	A	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) G881 GRENADE, HAND FRAG W/ CONF CLIP M67				2.811			7.030			3.536			0.000			0.000			0.000
3) G900 GRENADE, HAND INCENDIARY TH3 AN-M14																			
† 3.1) G900 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	0.890	-	-	-	77.36	31,787	2.459	-	-	-	-	-	-	-	-	-



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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1468 - Grenades, All Types								<b>Aggregated Item Name:</b> Grenades, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 3.2) G900 FUZE HAND GRENADE M201A1	A	-	-	0.057	-	-	-	4.72	33,051	0.156	-	-	-	-	-	-	-	-	-
† 3.3) G900 GREN, TOPS AND BODIES	A	-	-	0.022	-	-	-	1.63	36,196	0.059	-	-	-	-	-	-	-	-	-
3.4) G900 PRODUCT ENGINEERING	A	-	-	0.242	-	-	-	-	-	0.719	-	-	-	-	-	-	-	-	-
3.5) G900 QUALITY ASSURANCE	A	-	-	0.001	-	-	-	-	-	0.007	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) G900 GRENADE, HAND INCENDIARY TH3 AN-M14</i>				1.212			0.000			3.400			0.000			0.000			0.000
<b>4) GG24, (Formally VIRSS) GREN 66MM SSVL MK 1 MOD 0</b>																			
† 4.1) GG24 GREN, 66MM SSVL MK 1 MOD 0	A	-	-	-	-	-	-	-	-	-	185.00	24,865	4.600	-	-	-	185.00	24,865	4.600
4.2) GG24 PRODUCT ENGINEERING	A	-	-	0.860	-	-	-	-	-	0.200	-	-	0.406	-	-	-	-	-	0.406
<i>Subtotal 4) GG24, (Formally VIRSS) GREN 66MM SSVL MK 1 MOD 0</i>				0.860			0.000			0.200			5.006			0.000			5.006
<b>5) VIRSS (Became GG24) GRENADE SMOKE SCREENING IR</b>																			
5.1) VIRSS PRODUCT ENGINEERING	A	-	-	-	-	-	0.191	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) VIRSS (Became GG24) GRENADE SMOKE SCREENING IR</i>				0.000			0.191			0.000			0.000			0.000			0.000
<b>6) J007 MINE, APERS M18A1 W/ SHOCK TUBE</b>																			
† 6.1) J007 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	0.202	-	-	-	246.58	6,213	1.532	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1468 - Grenades, All Types								<b>Aggregated Item Name:</b> Grenades, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 6.2) J007 COMP C-4 CLASS 3	A	-	-	0.031	-	-	-	19.95	10,276	0.205	-	-	-	-	-	-	-	-	-
6.3) J007 PRODUCT ENGINEERING	A	-	-	-	-	-	-	-	-	0.563	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) J007 MINE, APERS M18A1 W/ SHOCK TUBE</i>				0.233			0.000			2.300			0.000			0.000			0.000
<b>7) K765 RIOT CONTROL AGENT, CS</b>																			
7.1) K765 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.2) K765 PRODUCT ENGINEERING	A	-	-	-	-	-	-	-	-	0.300	-	-	-	-	-	-	-	-	-
7.3) K765 QUALITY ASSURANCE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 7) K765 RIOT CONTROL AGENT, CS</i>				0.000			0.000			0.300			0.000			0.000			0.000
<b>8) KSPD (TS01, 02, 04) MUNITION CONTROL UNIT</b>																			
† 8.1) KSPD LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	1.806	-	-	-	335,000.00	5	1.675	-	-	-	-	-	-	-	-	-
8.2) KSPD PRODUCT ENGINEERING	A	-	-	0.194	-	-	0.050	-	-	0.214	-	-	-	-	-	-	-	-	-
8.3) KSPD QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.020	-	-	-	-	-	-	-	-	-
<i>Subtotal 8) KSPD (TS01, 02, 04) MUNITION CONTROL UNIT</i>				2.000			0.050			1.909			0.000			0.000			0.000
<b>9) L305 SIGNAL, ILLUM GROUND GSP M195</b>																			
† 9.1) L305 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	1.152	51.77	657	0.034	58.98	34	0.002	-	-	-	-	-	-	-	-	-
† 9.2) L305 BOX METAL M548 (EA)	A	-	-	0.027	32.26	31	0.001	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1468 - Grenades, All Types								<b>Aggregated Item Name:</b> Grenades, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
9.3) L305 PRODUCT ENGINEERING	A	-	-	0.020	-	-	0.014	-	-	0.017	-	-	-	-	-	-	-	-	-
9.4) L305 QUALITY ASSURANCE	A	-	-	0.003	-	-	0.001	-	-	0.001	-	-	-	-	-	-	-	-	-
Subtotal 9) L305 SIGNAL, ILLUM GROUND GSP M195				1.202			0.050			0.020			0.000			0.000			0.000
<b>10) L311 SIGNAL, ILLUM GROUND RSP M126A1</b>																			
† 10.1) L311 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	-	-	-	-	60.89	624	0.038	-	-	-	-	-	-	-	-	-
† 10.2) L311 BOX METAL M548 (EA)	A	-	-	-	-	-	-	38.70	26	0.001	-	-	-	-	-	-	-	-	-
10.3) L311 PRODUCT ENGINEERING	A	-	-	-	-	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-
10.4) L311 QUALITY ASSURANCE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 10) L311 SIGNAL, ILLUM GROUND RSP M126A1				0.000			0.000			0.050			0.000			0.000			0.000
<b>11) L314 SIGNAL, ILLUM GROUND GSC M125A1</b>																			
11.1) L314 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.2) L314 BOX METAL M548 (EA)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.3) L314 PRODUCT ENGINEERING	A	-	-	0.981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.4) L314 QUALITY ASSURANCE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 11) L314 SIGNAL, ILLUM GROUND GSC M125A1				0.981			0.000			0.000			0.000			0.000			0.000
<b>12) L594 SIMULATOR, PROJ</b>																			

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>															<b>Date:</b> February 2012				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1468 - Grenades, All Types							<b>Aggregated Item Name:</b> Grenades, All Types				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
<b>GROUND BURST M115A2</b>																			
† 12.1) L594 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	0.525	-	-	-	23.04	41,840	0.964	-	-	0.000	17.07	58,582	1.000	17.07	58,582	1.000
12.2) L594 PRODUCT ENGINEERING	A	-	-	0.063	-	-	-	-	-	0.086	-	-	-	-	-	-	-	-	-
12.3) L594 QUALITY ASSURANCE	A	-	-	0.002	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
<i>Subtotal 12) L594 SIMULATOR, PROJ GROUND BURST M115A2</i>				0.590			0.000			1.051			0.000			1.000			1.000
<b>13) LA44 SIMULATOR SIGNAL &amp; ILLUM WHITE STAR</b>																			
13.1) LA44 SIMULATOR, SIG & ILLUM WS GF 1.5	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.2) LA44 PRODUCT ENGINEERING	A	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	-	-	-	-
<i>Subtotal 13) LA44 SIMULATOR SIGNAL &amp; ILLUM WHITE STAR</i>				0.000			0.000			0.100			0.000			0.000			0.000
<b>14) LA45 SIMULATOR AIRBURST</b>																			
14.1) LA45 SIMULATOR, AIRBURST GF 1.5	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.2) LA45 PRODUCT ENGINEERING	A	-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-
<i>Subtotal 14) LA45 SIMULATOR AIRBURST</i>				0.000			0.000			0.050			0.000			0.000			0.000
<b>15) LA46 SIMULATOR HOSTILE FIRE</b>																			
15.1) LA46 SIMULATOR,	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1468 - Grenades, All Types								<b>Aggregated Item Name:</b> Grenades, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
HOSTILE FIRE GF 1.5																			
15.2) LA46 PRODUCT ENGINEERING	A	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	-	-	-	-
<i>Subtotal 15) LA46 SIMULATOR HOSTILE FIRE</i>				0.000			0.000			0.100			0.000			0.000			0.000
<b>16) LA47 SIMULATOR AT GUIDED MISSILE STINGER</b>																			
16.1) LA47 SIMULATOR, AT GM STINGER 1.5	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16.2) LA47 PRODUCT ENGINEERING	A	-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-
<i>Subtotal 16) LA47 SIMULATOR AT GUIDED MISSILE STINGER</i>				0.000			0.000			0.050			0.000			0.000			0.000
<b>17) SCSG SIGNALING COLORED SMOKE GRENADE (Includes All Smoke Gren Funding for G940, G945, and</b>																			
† 17.1) SCSG , SIGNALING COLORED SMOKE GRENADE	A	-	-	4.026	41.00	23,171	0.950	42.00	47,619	2.000	44.00	59,727	2.628	44.00	30,886	1.359	44.00	90,613	3.987
<i>Subtotal 17) SCSG SIGNALING COLORED SMOKE GRENADE (Includes All Smoke Gren Funding for G940, G945, and</i>				4.026			0.950			2.000			2.628			1.359			3.987
<b>18) TS01 (Formally KSPD)</b>																			
18.1) TS01 ALL UP ROUND	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 18) TS01 (Formally KSPD)</i>				0.000			0.000			0.000			0.000			0.000			0.000
<b>19) TS02 ( Formally KSPD)</b>																			

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1468 - Grenades, All Types								<b>Aggregated Item Name:</b> Grenades, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
19.1) TS02 ALL UP ROUND	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 19) TS02 ( Formally KSPD)				0.000			0.000			0.000			0.000			0.000			0.000
<b>20) TS04 ( Formally KSPD)</b>																			
20.1) TS04 ALL UP ROUND	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 20) TS04 ( Formally KSPD)				0.000			0.000			0.000			0.000			0.000			0.000
<b>21) YW33 GTR-18 SMOKEY SAM</b>																			
† 21.1) YW33 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	-	-	-	-	172.18	8,195	1.411	-	-	-	-	-	-	-	-	-
21.2) YW33 PRODUCT ENGINEERING	A	-	-	0.362	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.3) YW33 QUALITY ASSURANCE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 21) YW33 GTR-18 SMOKEY SAM				0.362			0.000			1.411			0.000			0.000			0.000
<b>Total</b>				<b>16.735</b>			<b>11.374</b>			<b>19.363</b>			<b>7.634</b>			<b>2.359</b>			<b>9.993</b>
<b>Remarks:</b>																			

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1468 - Grenades, All Types					Aggregated Item Name: Grenades, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) G878 FUZE, HAND GREN PRACT W/ CONF CLIP M228												
1.1) G878 LOAD, ASSEMBLE, PACK (LAP) C 1		2010	ALLIANT TECH SYS, INC / ROCKET CENTER,WV	C / FFP	JMC	Mar 2010	Jan 2012	297,285	4.42	Y		Jan 2010
1.1) G878 LOAD, ASSEMBLE, PACK (LAP) C 1		2011	ALLIANT TECH SYS, INC / ROCKET CENTER,WV	C / FFP	JMC	Mar 2011	Mar 2012	90,925	5.73	Y		Jan 2011
1.1) G878 LOAD, ASSEMBLE, PACK (LAP) C 1	✓	2011	ALLIANT TECH SYS, INC / ROCKET CENTER,WV	C / FFP	JMC	Mar 2011	Mar 2012	212,565	5.73	Y		Jan 2011
1.1) G878 LOAD, ASSEMBLE, PACK (LAP) C 1		2012	ALLIANT TECH SYS, INC / ROCKET CENTER,WV	C / FFP	JMC	Mar 2012	Mar 2013	266,724	5.77	Y		Jan 2012
1.2) G878 LOAD, ASSEMBLE, PACK (LAP) C 2		2010	MARTIN ELECTRONICS, INC. / PERRY,FL	C / FFP	JMC	Mar 2010	Nov 2011	197,964	4.42	Y		Jan 2010
1.2) G878 LOAD, ASSEMBLE, PACK (LAP) C 2		2011	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	JMC	Mar 2011	Mar 2012	60,384	5.73	Y		Jan 2011
1.2) G878 LOAD, ASSEMBLE, PACK (LAP) C 2	✓	2011	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	JMC	Mar 2011	Mar 2012	141,885	5.73	Y		Jan 2011
1.2) G878 LOAD, ASSEMBLE, PACK (LAP) C 2		2012	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	JMC	Mar 2012	Mar 2013	177,990	5.77	Y		Jan 2012
2) G881 GRENADE, HAND FRAG W/ CONF CLIP M67												
2.1) G881 LOAD, ASSEMBLE AND PACK (LAP)		2010	L-3 COMM BT FUZE PRODUCTS DIV, LANCASTER, PA / LANCASTER, PA	C / FFP	JMC	Sep 2010	Apr 2013	51,840	43.56	Y		Jul 2010
2.1) G881 LOAD, ASSEMBLE AND PACK (LAP)		2011	DAY&ZIMMERMAN LONE STAR LLC, TEXARKANA, TX / TEXARKANA, TX	C / FFP	JMC	Mar 2011	Sep 2012	120,152	29.03	Y		Jan 2011
2.1) G881 LOAD, ASSEMBLE AND PACK (LAP)	✓	2011	DAY&ZIMMERMAN LONE STAR LLC, TEXARKANA, TX / TEXARKANA, TX	C / FFP	JMC	Mar 2011	Sep 2012	99,724	29.03	Y		Jan 2011
2.1) G881 LOAD, ASSEMBLE AND PACK (LAP)		2012	DAY&ZIMMERMAN LONE STAR LLC, TEXARKANA, TX / TEXARKANA, TX	C / FFP	JMC	Mar 2012	Jan 2014	54,989	30.57	Y		Jan 2012
2.1) G881 LOAD, ASSEMBLE AND PACK (LAP)	✓	2012	DAY&ZIMMERMAN LONE STAR LLC, TEXARKANA, TX / TEXARKANA, TX	C / FFP	JMC	Mar 2012	Feb 2014	42,525	30.57	Y		Jan 2012
3) G900 GRENADE, HAND INCENDIARY TH3 AN-M14												
3.1) G900 LOAD, ASSEMBLE AND PACK (LAP)	✓	2010	PINE BLUFF ARSENAL / PINE BLUFF, AR	SS / FP	JMC	Mar 2010	May 2012	12,651	70.35	Y		Jan 2010

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1468 - Grenades, All Types					Aggregated Item Name: Grenades, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
3.1) G900 LOAD, ASSEMBLE AND PACK (LAP)		2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	JMC	Mar 2012	Mar 2013	9,204	77.36	Y		Jan 2012
3.1) G900 LOAD, ASSEMBLE AND PACK (LAP)	✓	2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	JMC	Mar 2012	Mar 2013	22,583	77.36	Y		Jan 2012
3.2) G900 FUZE HAND GRENADE M201A1	✓	2010	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	JMC	Mar 2010	Mar 2011	13,103	4.35	Y		Jan 2010
3.2) G900 FUZE HAND GRENADE M201A1		2012	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	JMC	Mar 2012	Mar 2013	9,534	4.72	Y		Jan 2012
3.2) G900 FUZE HAND GRENADE M201A1	✓	2012	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	JMC	Mar 2012	Mar 2013	23,517	4.72	Y		Jan 2012
3.3) G900 GREN, TOPS AND BODIES	✓	2010	TOOL MASTERS INC / TUSCUMBIA, AL	C / FFP	JMC	Mar 2010	Mar 2011	14,570	1.51	Y		Jan 2010
3.3) G900 GREN, TOPS AND BODIES		2012	TOOL MASTERS INC / TUSCUMBIA, AL	C / FFP	JMC	Mar 2012	Mar 2013	10,429	1.63	Y		Jan 2012
3.3) G900 GREN, TOPS AND BODIES	✓	2012	TOOL MASTERS INC / TUSCUMBIA, AL	C / FFP	JMC	Mar 2012	Mar 2013	25,767	1.63	Y		Jan 2012
4) GG24, (Formally VIRSS) GREN 66MM SSVL MK 1 MOD 0												
†4.1) GG24 GREN, 66MM SSVL MK 1 MOD 0		2013	RHEINMETALL / GERMANY	C / TBD	JMC	Oct 2012	Oct 2013	24,865	185.00	Y		Jul 2012
6) J007 MINE, APERS M18A1 W/ SHOCK TUBE												
6.1) J007 LOAD, ASSEMBLE AND PACK (LAP)	✓	2010	SPECTRA TECHNOLOGIES / CAMDEN, AR	C / FFP	JMC	Jun 2011	Dec 2012	965	209.31	Y		Apr 2011
6.1) J007 LOAD, ASSEMBLE AND PACK (LAP)	✓	2012	SPECTRA TECHNOLOGIES / CAMDEN, AR	C / FFP	JMC	Mar 2012	Jun 2013	6,213	246.58	Y		Jan 2012
6.2) J007 COMP C-4 CLASS 3	✓	2010	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	JMC	Apr 2010	Jan 2011	1,600	19.38	Y		Feb 2010
6.2) J007 COMP C-4 CLASS 3	✓	2012	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	JMC	Apr 2012	Jan 2013	10,276	19.95	Y		Feb 2012
8) KSPD (TS01, 02, 04) MUNITION CONTROL UNIT												
8.1) KSPD LOAD, ASSEMBLE AND PACK (LAP)		2010	ALLIANT TECH/TEXTRON / WILMINGTON, MA	SS / FP	PEO AMMO	Mar 2012	Jun 2013	4	451,500.00	Y		Jan 2012
8.1) KSPD LOAD, ASSEMBLE AND PACK (LAP)		2012	ALLIANT TECH/TEXTRON / WILMINGTON, MA	C / TBD	PEO AMMO	Mar 2012	Jun 2013	5	335,000.00	Y		Jan 2012
9) L305 SIGNAL, ILLUM GROUND GSP M195												



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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1468 - Grenades, All Types					Aggregated Item Name: Grenades, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
9.1) L305 LOAD, ASSEMBLE AND PACK (LAP)	✓	2010	SECURITY SIGNALS INC / CORDOVA, TN	C / FFP	JMC	Mar 2010	Jun 2012	28,036	41.09	Y		Jan 2010
9.1) L305 LOAD, ASSEMBLE AND PACK (LAP)		2011	SECURITY SIGNALS INC / CORDOVA, TN	C / IDIQ	JMC	Sep 2011	Mar 2013	657	51.77	Y		Jul 2011
9.1) L305 LOAD, ASSEMBLE AND PACK (LAP)		2012	SECURITY SIGNALS INC / CORDOVA, TN	C / IDIQ	JMC	Mar 2012	May 2013	34	58.98	Y		Jan 2012
9.2) L305 BOX METAL M548 (EA)	✓	2010	CONCO, INC / LOUISVILLE, KY	C / FFP	JMC	Aug 2010	Aug 2011	853	31.65	Y		Jun 2010
9.2) L305 BOX METAL M548 (EA)		2011	CONCO, INC / LOUISVILLE, KY	C / FFP	JMC	Mar 2011	Jun 2011	31	32.26	Y		Jan 2011
10) L311 SIGNAL, ILLUM GROUND RSP M126A1												
10.1) L311 LOAD, ASSEMBLE AND PACK (LAP)		2012	SECURITY SIGNALS / CORDOVA, TN	C / IDIQ	JMC	Mar 2012	Jun 2013	624	60.89	Y		Jan 2012
10.2) L311 BOX METAL M548 (EA)		2012	CONCO, INC / LOUISVILLE, KY	C / FFP	JMC	Dec 2011	Aug 2012	26	38.70	Y		Oct 2011
12) L594 SIMULATOR, PROJ GROUND BURST M115A2												
12.1) L594 LOAD, ASSEMBLE AND PACK (LAP)	✓	2010	PYROTECHNIQUE GRUCCI / RADFORD, VA	C / FFP	JMC	Oct 2009	Oct 2010	26,211	20.03	Y		Jul 2009
12.1) L594 LOAD, ASSEMBLE AND PACK (LAP)		2012	PYROTECHNIQUE GRUCCI / RADFORD, VA	C / FFP	JMC	Mar 2012	Mar 2013	41,840	23.04	Y		Jan 2012
12.1) L594 LOAD, ASSEMBLE AND PACK (LAP)	✓	2013	PYROTECHNIQUE GRUCCI / RADFORD, VA	C / FFP	JMC	Mar 2013	Mar 2014	58,582	17.07	Y		Jan 2013
17) SCSG SIGNALING COLORED SMOKE GRENADE (Includes All Smoke Gren Funding for G940, G945, and												
17.1) SCSG , SIGNALING COLORED SMOKE GRENADE		2010	RHEINMETALL / GERMANY	C / IDIQ	MCSC	Oct 2010	Oct 2011	100,650	40.00	Y		Jul 2010
17.1) SCSG , SIGNALING COLORED SMOKE GRENADE		2011	RHEINMETALL / GERMANY	C / IDIQ	MCSC	Oct 2011	Oct 2012	23,171	41.00	Y		Jul 2011
17.1) SCSG , SIGNALING COLORED SMOKE GRENADE		2012	RHEINMETALL / GERMANY	C / IDIQ	MCSC	Oct 2012	Oct 2013	47,619	42.00	Y		Jul 2012
17.1) SCSG , SIGNALING COLORED SMOKE GRENADE		2013	RHEINMETALL / GERMANY	C / IDIQ	MCSC	Sep 2013	Dec 2014	59,727	44.00	Y		Jun 2013
17.1) SCSG , SIGNALING COLORED SMOKE GRENADE	✓	2013	RHEINMETALL / GERMANY	C / IDIQ	MCSC	Sep 2013	Dec 2014	30,886	44.00	Y		Jun 2013
21) YW33 GTR-18 SMOKEY SAM												
21.1) YW33 LOAD, ASSEMBLE AND PACK (LAP)		2012	NSWC INDIAN HEAD DIV / Indian Head, MD	SS / FFP	JMC	Mar 2012	Mar 2013	2,904	172.18	Y		Jan 2012

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1468 - Grenades, All Types					Aggregated Item Name: Grenades, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
21.1) YW33 LOAD, ASSEMBLE AND PACK (LAP)	✓	2012	NSWC INDIAN HEAD DIV / Indian Head, MD	SS / FFP	JMC	Mar 2012	Mar 2013	5,291	172.18	Y		Jan 2012
Remarks:												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012											
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1468 - Grenades, All Types													Aggregated Item Name: Grenades, All Types											
COST ELEMENTS Units in Each							Fiscal Year 2014													Fiscal Year 2015														
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	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			
4) GG24, (Formally VIRSS) GREN 66MM SSVL MK 1 MOD 0																																		
4.1) GG24 GREN, 66MM SSVL MK 1 MOD 0																																		
	27	2013	NAVY	24865	0	24865	3000	3000	3000	3000	3000	3000	3000	3000	865																			
							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				

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1	<b>P-1 Line Item Nomenclature:</b> 1468 - Grenades, All Types	<b>Aggregated Item Name:</b> Grenades, All Types

		PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	RHEINMETALL - GERMANY	1000	2000	3000	6	12	12	24	3	6	6	12

**Remarks:**

‡ Delivery rows marked with the ‡ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition							<b>P-1 Line Item Nomenclature:</b> 1471 - Rockets, All Types					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	21.204	30.796	31.334	27.528	3.051	30.579	66.791	64.272	43.254	78.819	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	21.204	30.796	31.334	27.528	3.051	30.579	66.791	64.272	43.254	78.819	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	21.204	30.796	31.334	27.528	3.051	30.579	66.791	64.272	43.254	78.819	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Description:</b> <p>The Cartridge and Launcher, 84mm M136 AT(Anti-Tank)-4 (DODIC C995) is mainly employed against armored personnel carriers. However, it can be used against battle tanks when fired at the flanks or rear. It can also be employed as an assault weapon against bunkers, field fortifications, and other hard-point positions. Issued as one round of ammunition, the AT-4 tactical round is a self-contained, lightweight, disposable weapon.</p> <p>The M72AS Trainer Rocket (DODIC HA21) is a 21mm Sub-Caliber practice rocket that fully simulates the M72A7 Tactical Rocket. The Trainer Rocket is used with the M72AS Trainer Launcher (E5002VIIB) which is the same tube as the Tactical Rocket but contains an insert for use with the 21mm sub-caliber munition.</p> <p>The M72A7 Tactical Rocket, High Explosive, (DODIC HA29) is a lightweight, single shot, disposable weapon optimized to defeat light armored vehicles and other hard targets at close combat ranges.</p> <p>The M72 AS Trainer Launcher is the weapon system that fires the HA21, 21mm training rocket.</p> <p>The M72 Fire From Enclosure (FFE) Tactical Rocket, High Explosive, (DODIC HAX1) is a lightweight, single shot, disposable weapon optimized to defeat light armored vehicles and other hard targets at close combat ranges.</p> <p>The M72 Fire From Enclosure Tactical Rocket, High Explosive, (DODIC HAX2) is a lightweight, single shot, disposable weapon optimized to defeat structures and other hard targets at close combat ranges.</p> <p>The Rocket, 83mm Common Practice (CP) Shoulder Mounted Assault Weapon( SMAW) (DODIC HX07) Rocket is designed as a practice round for DODICs HX05, HA34 and HX06 SMAW rockets.</p> <p>The Rocket, 83mm FFE, Follow on to SMAW (FOTS) Multi Purpose Round (DODIC FMPR) Rocket is designed as a lightweight, single shot, weapon optimized to defeat structures, hard targets and light armor threats at close combat ranges.</p> <p>The Rocket, 83mm FFE, FOTS Practice Training round (DODIC FPTR) Rocket is designed as a practice round for DODICs FMPR,HX05, HA34 and HX06 SMAW rockets.</p> <p>FY13 Overseas Contingency Operations Request: DODIC HA29, \$3.051 Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.</p>												

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1471 - Rockets, All Types							Aggregated Item Name: Rockets, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
1) HA21 ROCKET, TRAINER M72AS 21MM																			
† 1.1) HA21 COMPLETE ROUND	A	-	-	3.578	-	-	-	84.19	13,517	1.138	-	-	-	-	-	-	-	-	-
Subtotal 1) HA21 ROCKET, TRAINER M72AS 21MM				3.578			0.000			1.138			0.000			0.000			0.000
2) HA29 ROCKET, 66MM HE M72A7 W/ GRAZE																			
† 2.1) HA29 COMPLETE ROUND	A	-	-	13.101	2,512.83	11,144	28.003	2,596.02	11,097	28.808	-	-	0.000	2,681.02	1,138	3.051	2,681.02	1,138	3.051
Subtotal 2) HA29 ROCKET, 66MM HE M72A7 W/ GRAZE				13.101			28.003			28.808			0.000			3.051			3.051
3) M72AS Trainer Launcher																			
† 3.1) M72 AS Trainer Launcher	A	-	-	-	1,940.37	1,392	2.701	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) M72AS Trainer Launcher				0.000			2.701			0.000			0.000			0.000			0.000
4) HAX1 ROCKET, 66MM M72 FFE ANTI ARMOR																			
4.1) HAX1 COMPLETE ROUND <sup>(1)</sup>	A	-	-	-	-	-	-	-	-	-	-	-	10.000	-	-	-	-	-	10.000
Subtotal 4) HAX1 ROCKET, 66MM M72 FFE ANTI ARMOR				0.000			0.000			0.000			10.000			0.000			10.000
5) HAX2 ROCKET, 66MM M72 FFE ANTI STRUCTURE																			
5.1) HAX2 COMPLETE ROUND <sup>(2)</sup>	A	-	-	-	-	-	-	-	-	-	-	-	17.528	-	-	-	-	-	17.528
Subtotal 5) HAX2 ROCKET, 66MM M72 FFE ANTI STRUCTURE				0.000			0.000			0.000			17.528			0.000			17.528
6) C995 ROCKET, 84MM HEAA (AT-4)																			

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>															<b>Date:</b> February 2012				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1471 - Rockets, All Types							<b>Aggregated Item Name:</b> Rockets, All Types				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 6.1) C995 COMPLETE ROUND	A	-	-	1.921	17.02	705	0.012	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) C995 ROCKET, 84MM HEAA (AT-4)</i>				1.921			0.012			0.000			0.000			0.000			0.000
<b>7) HX07 ROCKET, 83MM HEAA PRACTICE</b>																			
7.1) HX07 COMPLETE ROUND	A	-	-	2.604	-	-	0.080	-	-	1.388	-	-	-	-	-	-	-	-	-
<i>Subtotal 7) HX07 ROCKET, 83MM HEAA PRACTICE</i>				2.604			0.080			1.388			0.000			0.000			0.000
<b>8) FMPR ROCKET, 83MM FFE MULTI PURPOSE ROUND</b>																			
8.1) FMPR COMPLETE ROUND <sup>(3)</sup>	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 8) FMPR ROCKET, 83MM FFE MULTI PURPOSE ROUND</i>				0.000			0.000			0.000			0.000			0.000			0.000
<b>9) FPTR ROCKET, 83MM, FFE PRACTICE TRAINING ROUND</b>																			
9.1) FPTR COMPLETE ROUND <sup>(4)</sup>	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 9) FPTR ROCKET, 83MM, FFE PRACTICE TRAINING ROUND</i>				0.000			0.000			0.000			0.000			0.000			0.000
<b>Total</b>				<b>21.204</b>			<b>30.796</b>			<b>31.334</b>			<b>27.528</b>			<b>3.051</b>			<b>30.579</b>
<b>Remarks:</b> <sup>(1)</sup> Round currently in qualification, no price data nor contractor information is available <sup>(2)</sup> Round currently in qualification, no price data nor contractor information is available <sup>(3)</sup> Round currently in qualification, no price data nor contractor information is available <sup>(4)</sup> Round currently in qualification, no price data nor contractor information is available																			



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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1471 - Rockets, All Types					Aggregated Item Name: Rockets, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) HA21 ROCKET, TRAINER M72AS 21MM												
†1.1) HA21 COMPLETE ROUND		2010	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Jun 2010	May 2011	13,643	77.84	Y		Apr 2009
†1.1) HA21 COMPLETE ROUND	✓	2010	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Jun 2010	May 2011	32,323	77.84	Y		Apr 2009
†1.1) HA21 COMPLETE ROUND		2012	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Nov 2011	Aug 2012	13,517	84.19	Y		Apr 2009
2) HA29 ROCKET, 66MM HE M72A7 W/ GRAZE												
†2.1) HA29 COMPLETE ROUND		2010	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Jun 2010	Jun 2011	3,064	2,447.78	Y		Apr 2009
†2.1) HA29 COMPLETE ROUND	✓	2010	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Jun 2010	Jun 2011	2,288	2,447.99	Y		Apr 2009
†2.1) HA29 COMPLETE ROUND		2011	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Jan 2011	Oct 2011	3,629	2,496.56	Y		Apr 2009
†2.1) HA29 COMPLETE ROUND	✓	2011	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Jan 2011	Oct 2011	7,515	2,520.57	Y		Apr 2009
†2.1) HA29 COMPLETE ROUND		2012	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Nov 2011	Oct 2012	3,828	2,595.87	Y		Apr 2009
†2.1) HA29 COMPLETE ROUND	✓	2012	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Nov 2011	Oct 2012	7,269	2,596.09	Y		Apr 2009
†2.1) HA29 COMPLETE ROUND	✓	2013	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC	Jan 2013	Jan 2014	1,138	2,681.02	Y		Apr 2009
3) M72AS Trainer Launcher												
3.1) M72 AS Trainer Launcher		2011	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Oct 2011	Oct 2011	1,392	1,940.37	N	Oct 2011	Jun 2010
6) C995 ROCKET, 84MM HEAA (AT-4)												
6.1) C995 COMPLETE ROUND		2010	SAAB BOFORS DYNAMICS / KARLSKOOGA, SWEDEN	SS / FP	MCSC, Quantico, VA	Jan 2012	Jan 2013	674	2,850.15	Y		May 2006
6.1) C995 COMPLETE ROUND		2011	SAAB BOFORS DYNAMICS / KARLSKOOGA, SWEDEN	SS / FP	MCSC, Quantico, VA	Jan 2012	Jan 2013	705	17.02	Y		May 2006
Remarks:												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1471 - Rockets, All Types										Aggregated Item Name: Rockets, All Types																			
COST ELEMENTS Units in Thousands							Fiscal Year 2011										Fiscal Year 2012																						
O C O	MFR Ref #	FY	SERVICE <sup>±</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2011																				Calendar Year 2012												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									
1) HA21 ROCKET, TRAINER M72AS 21MM																																							
1.1) HA21 COMPLETE ROUND																																							
	28	2010	NAVY	13.64	0	13.64	-	-	-	-	-	-	-	13.64																									
✓	28	2010	NAVY	32.32	0	32.32	-	-	-	-	-	-	-	32.32																									
	28	2012	NAVY	13.52	0	13.52	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	13.52									
2) HA29 ROCKET, 66MM HE M72A7 W/ GRAZE																																							
2.1) HA29 COMPLETE ROUND																																							
	29	2010	NAVY	3.064	0	3.064	-	-	-	-	-	-	-	-	.256	.256	.256	.256	.256	.256	.256	.256	.256	.256	.248														
✓	29	2010	NAVY	2.288	0	2.288	-	-	-	-	-	-	-	-	.191	.191	.191	.191	.191	.191	.191	.191	.191	.191	.187														
	29	2011	NAVY	3.629	0	3.629	-	-	-	A -	-	-	-	-	-	-	-	-	.303	.303	.303	.303	.303	.303	.303	.303	.303	.303	.296										
✓	29	2011	NAVY	7.515	0	7.515	-	-	-	A -	-	-	-	-	-	-	-	-	.625	.625	.625	.625	.625	.625	.625	.625	.625	.625	.64										
	29	2012	NAVY	3.828	0	3.828	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	3.828									
✓	29	2012	NAVY	7.269	0	7.269	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	7.269									
✓	29	2013	NAVY	1.138	0	1.138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.138									
							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									

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012													
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1471 - Rockets, All Types															Aggregated Item Name: Rockets, All Types														
COST ELEMENTS Units in Thousands							Fiscal Year 2013										Fiscal Year 2014																			
O C O	MFR Ref #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013																			Calendar Year 2014										
							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					
1) HA21 ROCKET, TRAINER M72AS 21MM																																				
1.1) HA21 COMPLETE ROUND																																				
	28	2010	NAVY	13.64	13.64	0																														
✓	28	2010	NAVY	32.32	32.32	0																														
	28	2012	NAVY	13.52	13.52	0																														
2) HA29 ROCKET, 66MM HE M72A7 W/ GRAZE																																				
2.1) HA29 COMPLETE ROUND																																				
	29	2010	NAVY	3.064	3.064	0																														
✓	29	2010	NAVY	2.288	2.288	0																														
	29	2011	NAVY	3.629	3.629	0																														
✓	29	2011	NAVY	7.515	7.515	0																														
	29	2012	NAVY	3.828	0	3.828	.319	.319	.319	.319	.319	.319	.319	.319	.319	.319	.319	.319	.319	.319	.319	.319	.319	.319	.319	.319	.319	.319								
✓	29	2012	NAVY	7.269	0	7.269	.606	.606	.606	.606	.606	.606	.606	.606	.606	.606	.606	.606	.606	.606	.606	.606	.606	.606	.606	.606	.606	.606								
✓	29	2013	NAVY	1.138	0	1.138	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.138									
							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						

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1	<b>P-1 Line Item Nomenclature:</b> 1471 - Rockets, All Types	<b>Aggregated Item Name:</b> Rockets, All Types

		PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	NAMMO Talley Defense Systems - Mesa, AZ	.001	.05	.18	1	12	12	24	12	12	12	24
2	NAMMO Talley Defense Systems - Mesa, AZ	.001	.012	.028	12	12	12	24	12	12	12	24

**Remarks:**

‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition							<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	293.707	79.529	93.065	54.886	147.951	39.127	9.475	122.188	41.008	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	293.707	79.529	93.065	54.886	147.951	39.127	9.475	122.188	41.008	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	293.707	79.529	93.065	54.886	147.951	39.127	9.475	122.188	41.008	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Description:</b> Baseline Appropriation Request:  The Cartridge, 40mm Blank Saluting (DODIC B550) is fired from a 40mm Saluting Gun and is used for ceremonial and training purposes. The cartridge contains flash charge designed to produce a loud report when fired. This cartridge consists of a cartridge case and primer. The cartridge case is a hollow cylinder containing a 50-gram black powder charge. The charge is sealed inside the cartridge case with a plug. A primer is pressed onto the base of the cartridge case.  The Cartridge, 40mm Blank Saluting (DODIC B650) is fired from a 40mm Saluting Gun and is used for ceremonial and training purposes. The cartridge contains flash charge designed to produce a loud report when fired. This cartridge consists of a cartridge case and primer. The cartridge case is a hollow cylinder containing a 200-gram black powder charge. The charge is sealed inside the cartridge case with a plug. A primer is pressed onto the base of the cartridge case. The Cartridge, 75mm Blank M337A2 (DODIC C025) consists of a cartridge case of brass or aluminum containing loosely packed black powder and a press-fitted percussion primer. A fiberglass wad is inserted over the black powder and a polystyrene closing cup is cemented in place with a polyester resin adhesive. The M337A2 Cartridge is fired from the M116, M120, M1A1, M1A1C, and M3 Howitzer assemblies.  The Projectile, 155mm Illuminating M485A2 (DODIC D505) is a separate loading artillery projectile that consists of a hollow steel shell with an illuminant canister, a canister expelling charge in the projectile nose, and a drogue parachute in the base. This projectile is fired from the 155mm M198 and M777 Towed Howitzers. The projectile uses a Mechanical Time fuze.  The Projectile, 155mm High Explosive (HE) M795 (DODIC D529) is fired from the 155mm M198 Howitzer and is compatible with the M777 Light Weight 155 Howitzer. It is used to provide conventional support fires and provides an increase in range, lethality, and accuracy. Beginning in FY13 D529 will be replaced by DODIC DA54 which is the same projectile, but the explosive fill is changed from Comp B/TNT to IMX-101. The IMX-101 was developed jointly with the Army as part of the services Insensitive Munitions initiative.  The Projectile, 155mm Smoke White Phosphorus (WP) M110A2 (DODIC D550) is a separate loading projectile used to provide smoke for marking purposes and can be used to provide screening of mechanized or infantry maneuver. The M110A2 projectile is fired from the M198 and M777 Towed Howitzers. A point detonating fuze is normally used with this projectile.  The M231 Modular Artillery Charge System (MACS)(DODIC DA12) is a propelling charge for the 155mm family of artillery projectiles. The M231 is used at lower zones (1 or 2 increments at a time) and is based on the classical unicharge design, i.e. bi-directional center core ignition, granular propellant contained in a rigid combustible case. MACS will offer improvements in logistics, range, and simplicity when compared to existing bag propellants (M203 series, M119 series, M3 series and M4 series).												

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition		<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>The M232 MACS (DODIC DA13) is a propelling charge for the 155mm family of artillery projectiles. The M232 is used at higher zones and is based on the classical unicharge design, i.e. bi-directional center core ignition, granular propellant contained in a rigid combustible case. MACS will offer improvements in logistics, range, and simplicity when compared to existing bag propellants (M203 series, M119 series and M4 series).</p> <p>The M241 Dummy (DODIC DA23) is a non-expendable training device that simulates the MACS-M231 that can be utilized for classroom training as well as dry-fire exercises. The DA23 Dummy charge is fully inert (i.e., non-energetic). They are packaged in the identical manner as the standard charges that they replicate, the only differences is that the increments are labeled "INERT" and the container also includes a gold band that signifies a non-expendable training device.</p> <p>The M241 Dummy (DODIC DA24) is a non-expendable training device that simulates the MACS-M232 that can be utilized for classroom training as well as dry-fire exercises. The DA24 Dummy charge is fully inert (i.e., non-energetic). They are packaged in the identical manner as the standard charges that they replicate, the only differences is that the increments are labeled "INERT" and the container also includes a gold band that signifies a non-expendable training device.</p> <p>The Excalibur 155mm (DODIC DA45) Precision Guided Extended Range Artillery Projectile, also known as the M982 ER DPICM (Extended Range Dual Purpose Improved Conventional Munitions) Projectile, is a smart munition. It provides capability to attack all three key target sets, soft and armored vehicles, and reinforced bunkers, out to ranges exceeding current 155mm family of artillery munitions.</p> <p>The XM1066 155mm IR Illuminating Projectile (DODIC DA49) is fired from the M777 Lightweight Towed Howitzer using standard bagged propellant charges. The XM1066 is the same as the existing M485A2 155mm White Light Illuminating Projectile with the exception of an IR candle and aluminum ballast. The XM1066 is designed to match the physical properties of the M485A2 projectile in flight and to be handled logistically and fired like a typical 155mm projectile. With an optimal height of burst of 600 meters and the use of night vision devices a 2400 meter diameter of illumination, nearly three times that of the M485A2 visible light projectile.</p> <p>The Projectile, 155mm High Explosive (HE) (DODIC DA54) is fired from the 155mm M198 Howitzer and is compatible with the M777 Light Weight 155 Howitzer. It is used to provide conventional support fires and provides an increase in range, lethality, and accuracy. Beginning in FY13 DA54 is replacing DODIC D529 which is the same projectile, but the Comp B/TNT explosive fill is replaced by IMX-101. The IMX-101 was developed jointly with the Army as part of the services Insensitive Munitions initiative.</p> <p>The FDTC line is transportation funds that are required to support the distribution of Marine Corps' ammunition end items from manufacturing plants assembly points. These funds directly support training and readiness requirements of marines in the field (CONUS or OCONUS).</p> <p>FY13 Overseas Contingency Operations Request (OCO): DODIC D529/DA54: \$54,886. The Projectile, 155mm High Explosive (HE) M795 (DODIC D529) is fired from the 155mm M198 Howitzer and is compatible with the M777 Light Weight 155 Howitzer. It is used to provide conventional support fires and provides an increase in range, lethality, and accuracy. DODIC DA54 is replacing DODIC D529 which is the same projectile, but the Comp B/TNT explosive fill is replaced by IMX-101. The IMX-101 fill was developed jointly with the Army as part of the services Insensitive Munitions initiative. Lack of funding to replace training expenditures will further erode the USMC's WRMR and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.</p>		

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**Exhibit P-40, Budget Item Justification Sheet:** PB 2013 Navy **Date:** February 2012

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition	<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types
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ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Artillery, All Types (See enclosed P-40A)	P40A, P5A, P21				0.000			293.707			79.529			93.065			54.886			147.951
<b>Total Gross/Weapon System Cost</b>					-			<b>293.707</b>			<b>79.529</b>			<b>93.065</b>			<b>54.886</b>			<b>147.951</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

**Justification:**

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1473 - Artillery, All Types							Aggregated Item Name: Artillery, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) B550, CTG, 40MM BLANK SALUTING SNGL RD																			
1.1) B550 ALL UP ROUND	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) B550, CTG, 40MM BLANK SALUTING SNGL RD				0.000			0.000			0.000			0.000			0.000			0.000
2) B650, CTG, 40MM BLANK SALUTING																			
2.1) B650 ALL UP ROUND	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) B650, CTG, 40MM BLANK SALUTING				0.000			0.000			0.000			0.000			0.000			0.000
3) C025, CTG, 75MM BLANK M337A2																			
3.1) C025 COMPLETE ROUND	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) C025 TDP CERTIFICATION	A	-	-	-	-	-	-	-	-	-	-	-	0.034	-	-	-	-	-	0.034
3.3) C025 PRODUCTION ENGINEERING	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) C025, CTG, 75MM BLANK M337A2				0.000			0.000			0.000			0.034			0.000			0.034
4) D505, PROJ, 155MM, M485A2, ILLUM																			
† 4.1) D505 LOAD, ASSEMBLE & PACK (LAP)	A	-	-	-	274.41	17,423	4.781	-	-	-	-	-	-	-	-	-	-	-	-
† 4.2) D505 PROJ MPTS (EA)	A	-	-	-	286.58	17,768	5.092	-	-	-	-	-	-	-	-	-	-	-	-
† 4.3) D505 UNIVERSAL LIFTING PLUG (EA)	A	-	-	-	8.41	17,836	0.150	-	-	-	-	-	-	-	-	-	-	-	-
† 4.4) D505 VL ILLUM CANISTER, 155MM	A	-	-	-	326.23	18,116	5.910	-	-	-	-	-	-	-	-	-	-	-	-
† 4.5) D505 GROMMET (EA)	A	-	-	-	6.00	18,000	0.108	-	-	-	-	-	-	-	-	-	-	-	-



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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types								<b>Aggregated Item Name:</b> Artillery, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 4.6) D505 PARACHUTE MAIN, 155MM ILLUM	A	-	-	-	34.40	17,936	0.617	-	-	-	-	-	-	-	-	-	-	-	-
† 4.7) D505 DELAY ELEMENT	A	-	-	-	30.00	17,967	0.539	-	-	-	-	-	-	-	-	-	-	-	-
† 4.8) D505 CANISTER, MPTS ASSY	A	-	-	-	36.00	17,944	0.646	-	-	-	-	-	-	-	-	-	-	-	-
† 4.9) D505 PARACHUTE, MAIN SUPPORTS	A	-	-	-	2.84	71,127	0.202	-	-	-	-	-	-	-	-	-	-	-	-
† 4.10) D505 PARACHUTE, DROGUE SUPPORTS	A	-	-	-	2.60	36,539	0.095	-	-	-	-	-	-	-	-	-	-	-	-
† 4.11) D505 PARACHUTE, DROGUE ASSY	A	-	-	-	16.70	17,904	0.299	-	-	-	-	-	-	-	-	-	-	-	-
† 4.12) D505 CANISTER, BASE ASSY	A	-	-	-	10.00	18,000	0.180	-	-	-	-	-	-	-	-	-	-	-	-
4.13) D505 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.663	-	-	-	-	-	-	-	-	-	-	-	-
4.14) D505 QUALITY ASSURANCE	A	-	-	-	-	-	0.018	-	-	-	-	-	-	-	-	-	-	-	-
4.15) D505 ACCEPTANCE TESTING	A	-	-	-	-	-	0.665	-	-	-	-	-	-	-	-	-	-	-	-
4.16) D505 NON RECURRING COSTS	A	-	-	-	-	-	0.007	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) D505, PROJ, 155MM, M485A2, ILLUM				0.000			19.972			0.000			0.000			0.000			0.000
<b>5) D529, PROJ, 155MM, M795 HE (DA54)</b>																			
† 5.1) D529 LOAD, ASSEMBLE & PACK (LAP)	A	-	-	-	105.95	44,266	4.690	115.47	65,246	7.534	160.16	75,587	12.106	160.16	51,411	8.234	160.16	126,998	20.340
† 5.2) D529 SUPPLEMENTAL CHARGES	A	-	-	-	12.50	45,120	0.564	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1473 - Artillery, All Types							Aggregated Item Name: Artillery, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
† 5.3) D529 SUPPLEMENTAL CHARGE, PBXN-9	A	-	-	-	-	-	-	46.61	66,552	3.102	48.20	77,095	3.716	48.20	52,448	2.528	48.20	129,543	6.244
† 5.4) D529 PLUG, SHOCK ATTENUATING M795	A	-	-	-	6.12	45,098	0.276	-	-	-	-	-	-	-	-	-	-	-	-
† 5.5) D529 PLUG, LIFTING, MELTABLE FOR IM	A	-	-	-	-	-	-	7.73	66,494	0.514	9.15	77,158	0.706	9.15	52,459	0.480	9.15	129,617	1.186
† 5.6) D529 TNT TYPE I FLAKE(LB)	A	-	-	-	5.38	1,328,067	7.145	-	-	-	-	-	-	-	-	-	-	-	-
† 5.7) D529 EXPLOSIVE FILL IMX-101	A	-	-	-	-	-	-	10.58	1,957,278	20.708	13.97	2,312,885	32.311	13.97	1,573,085	21.976	13.97	3,885,970	54.287
† 5.8) D529 METAL PARTS M795	A	-	-	-	366.75	45,150	16.559	349.04	66,548	23.228	390.00	77,097	30.068	390.00	52,438	20.451	390.00	129,535	50.519
† 5.9) D529 WOODEN PALLETS	A	-	-	-	71.96	5,642	0.406	-	-	-	-	-	-	-	-	-	-	-	-
† 5.10) D529 WOODEN PALLETS, IMX-101	A	-	-	-	-	-	-	73.63	8,325	0.613	129.50	9,830	1.273	129.50	6,680	0.865	129.50	16,510	2.138
5.11) D529 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.786	-	-	1.126	-	-	1.200	-	-	-	-	-	1.200
5.12) D529 ACCEPTANCE TESTING	A	-	-	-	-	-	0.126	-	-	0.178	-	-	0.518	-	-	0.352	-	-	0.870
Subtotal 5) D529, PROJ, 155MM, M795 HE (DA54)				0.000			30.552			57.003			81.898			54.886			136.784
6) D550, PROJ, 155MM, M110A2, SMOKE WP																			
† 6.1) D550 LOAD, ASSEMBLE & PACK (LAP)	A	-	-	-	-	-	-	275.81	6,091	1.680	-	-	-	-	-	-	-	-	-
† 6.2) D550 CASING PROJ BURSTER M1E1	A	-	-	-	-	-	-	66.18	6,210	0.411	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types								<b>Aggregated Item Name:</b> Artillery, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 6.3) D550 UNIVERSAL LIFTING PLUG	A	-	-	-	-	-	-	8.75	6,286	0.055	-	-	-	-	-	-	-	-	-
† 6.4) D550 CHG BSTR M54A1 ASSY	A	-	-	-	-	-	-	73.74	6,279	0.463	-	-	-	-	-	-	-	-	-
† 6.5) D550 METAL PARTS, M110	A	-	-	-	-	-	-	282.00	6,213	1.752	-	-	-	-	-	-	-	-	-
† 6.6) D550 COMP B TYPE I GRADE A	A	-	-	-	-	-	-	19.93	4,215	0.084	-	-	-	-	-	-	-	-	-
† 6.7) D550 GROMMET, HE SMOKE	A	-	-	-	-	-	-	2.40	6,250	0.015	-	-	-	-	-	-	-	-	-
6.8) D550 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.460	-	-	-	-	-	-	-	-	-
6.9) D550 QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.005	-	-	-	-	-	-	-	-	-
6.10) D550 ACCEPTANCE TESTING	A	-	-	-	-	-	-	-	-	0.075	-	-	-	-	-	-	-	-	-
6.11) D550 NON RECURRING COSTS	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) D550, PROJ, 155MM, M110A2, SMOKE WP</i>				<i>0.000</i>			<i>0.000</i>			<i>5.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>
<b>7) DA12, CHG, 155MM, M231, MOD ARTY CHG SYS</b>																			
† 7.1) DA12 LOAD, ASSEMBLE & PACK (LAP)	A	-	-	-	16.38	325,666	5.335	17.36	66,359	1.152	-	-	-	-	-	-	-	-	-
† 7.2) DA12 IGNITION PROPELLANT, MACS	A	-	-	-	8.97	21,181	0.190	9.28	4,203	0.039	-	-	-	-	-	-	-	-	-
† 7.3) DA12 COMBUSTIBLE CASES	A	-	-	-	33.07	335,580	11.099	32.24	68,362	2.204	-	-	-	-	-	-	-	-	-
† 7.4) DA12 BLACK POWDER, M231	A	-	-	-	13.50	19,852	0.268	13.98	4,006	0.056	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>															<b>Date:</b> February 2012				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types							<b>Aggregated Item Name:</b> Artillery, All Types				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 7.5) DA12 PROPELLANT, PAPP7993	A	-	-	-	8.75	1,204,457	10.539	11.39	232,309	2.646	-	-	-	-	-	-	-	-	-
† 7.6) DA12 CONTAINER M231	A	-	-	-	38.30	83,891	3.213	42.46	17,263	0.733	-	-	-	-	-	-	-	-	-
7.7) DA12 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.510	-	-	0.638	-	-	-	-	-	-	-	-	-
7.8) DA12 ACCEPTANCE TESTING	A	-	-	-	-	-	0.417	-	-	0.100	-	-	-	-	-	-	-	-	-
7.9) DA12 QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.010	-	-	-	-	-	-	-	-	-
Subtotal 7) DA12, CHG, 155MM, M231, MOD ARTY CHG SYS				0.000			31.571			7.578			0.000			0.000			0.000
8) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS																			
† 8.1) DA13 LOAD, ASSEMBLE & PACK (LAP)	A	-	-	-	19.77	207,490	4.103	20.72	70,849	1.468	20.33	72,602	1.476	-	-	-	20.33	72,602	1.476
† 8.2) DA13 IGNITION PROPELLANT	A	-	-	-	8.97	15,273	0.137	9.28	4,526	0.042	9.58	4,697	0.045	-	-	-	9.58	4,697	0.045
† 8.3) DA13 COMBUSTIBLE CASES	A	-	-	-	33.82	217,121	7.343	32.84	72,960	2.396	36.17	74,786	2.705	-	-	-	36.17	74,786	2.705
† 8.4) DA13 BLACK POWDER CLASS 1 (LB)	A	-	-	-	13.50	12,889	0.174	13.98	4,220	0.059	14.08	4,332	0.061	-	-	-	14.08	4,332	0.061
† 8.5) DA13 PROPELLANT M31A2	A	-	-	-	14.00	1,020,071	14.281	13.84	354,118	4.901	14.23	350,105	4.982	-	-	-	14.23	350,105	4.982
† 8.6) DA13 CONTAINER M232A1	A	-	-	-	40.50	43,482	1.761	42.46	14,885	0.632	41.69	15,255	0.636	-	-	-	41.69	15,255	0.636
8.7) DA13 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.510	-	-	0.315	-	-	1.038	-	-	-	-	-	1.038
8.8) DA13 ACCEPTANCE TESTING	A	-	-	-	-	-	0.351	-	-	0.130	-	-	0.110	-	-	-	-	-	0.110

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1473 - Artillery, All Types							Aggregated Item Name: Artillery, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
8.9) DA13 QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.005	-	-	0.011	-	-	-	-	-	0.011
Subtotal 8) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS				0.000			28.660			9.948			11.064			0.000			11.064
9) DA23, CHG, 155MM, M231 MOD ARTY CHG SYS DUMMY																			
† 9.1) DA23 COMPLETE ROUND	A	-	-	-	-	-	-	-	-	-	200.00	155	0.031	-	-	-	200.00	155	0.031
Subtotal 9) DA23, CHG, 155MM, M231 MOD ARTY CHG SYS DUMMY				0.000			0.000			0.000			0.031			0.000			0.031
10) DA24, CHG, 155MM, M232A1 MOD ARTY CHG SYS DUMMY																			
† 10.1) DA24 COMPLETE ROUND	A	-	-	-	-	-	-	-	-	-	200.00	190	0.038	-	-	-	200.00	190	0.038
Subtotal 10) DA24, CHG, 155MM, M232A1 MOD ARTY CHG SYS DUMMY				0.000			0.000			0.000			0.038			0.000			0.038
11) DA45 155MM, XM982, EXCALIBUR																			
† 11.1) DA45 COMPLETE ROUND	A	-	-	-	78,345.94	1,994	156.222	-	-	-	-	-	-	-	-	-	-	-	-
† 11.2) DA45 CONTAINER SYSTEM	A	-	-	-	979.02	1,994	1.952	-	-	-	-	-	-	-	-	-	-	-	-
11.3) DA45 PRODUCTION ENGINEERING	A	-	-	-	-	-	17.349	-	-	-	-	-	-	-	-	-	-	-	-
11.4) DA45 ACCEPTANCE TESTING	A	-	-	-	-	-	3.835	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 11) DA45 155MM, XM982, EXCALIBUR				0.000			179.358			0.000			0.000			0.000			0.000
12) DA49, 155MM, IR ILLUM																			

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>																<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types								<b>Aggregated Item Name:</b> Artillery, All Types			
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 12.1) DA49 LOAD, ASSEMBLE & PACK (LAP)	A	-	-	-	263.42	2,661	0.701	-	-	-	-	-	-	-	-	-	-	-	-
† 12.2) DA49 PROJ BODY 155MM M485	A	-	-	-	286.58	2,715	0.778	-	-	-	-	-	-	-	-	-	-	-	-
† 12.3) DA49 UNIVERSAL LIFTING PLUG(EA)	A	-	-	-	8.70	2,759	0.024	-	-	-	-	-	-	-	-	-	-	-	-
† 12.4) DA49 IR ILLUM CANISTER, 155MM	A	-	-	-	326.23	2,768	0.903	-	-	-	-	-	-	-	-	-	-	-	-
† 12.5) DA49 GROMMET(EA)	A	-	-	-	6.00	2,667	0.016	-	-	-	-	-	-	-	-	-	-	-	-
† 12.6) DA49 PARACHUTE, MAIN	A	-	-	-	34.40	2,703	0.093	-	-	-	-	-	-	-	-	-	-	-	-
† 12.7) DA49 DELAY ELEMENT	A	-	-	-	30.00	2,733	0.082	-	-	-	-	-	-	-	-	-	-	-	-
† 12.8) DA49 CANISTER, MPTS ASSY	A	-	-	-	54.00	2,741	0.148	-	-	-	-	-	-	-	-	-	-	-	-
† 12.9) DA49 PARACHUTE, MAIN SUPPORTS	A	-	-	-	2.96	10,811	0.032	-	-	-	-	-	-	-	-	-	-	-	-
† 12.10) DA49 PARACHUTE, DROGUE SUPPORTS	A	-	-	-	1.78	5,618	0.010	-	-	-	-	-	-	-	-	-	-	-	-
† 12.11) DA49 PARACHUTE, DROGUE ASSY	A	-	-	-	16.70	2,754	0.046	-	-	-	-	-	-	-	-	-	-	-	-
† 12.12) DA49 CANISTER, BASE ASSY	A	-	-	-	17.15	2,741	0.047	-	-	-	-	-	-	-	-	-	-	-	-
12.13) DA49 QUALITY ASSURANCE	A	-	-	-	-	-	0.010	-	-	-	-	-	-	-	-	-	-	-	-
12.14) DA49 ACCEPTANCE TESTING	A	-	-	-	-	-	0.110	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 12) DA49, 155MM, IR ILLUM				0.000			3.000			0.000			0.000			0.000			0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1473 - Artillery, All Types							Aggregated Item Name: Artillery, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
13) FIRST DESTINATION TRANSPORTATION																			
13.1) First Destination Transportation	A	-	-	-	-	-	0.594	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 13) FIRST DESTINATION TRANSPORTATION				0.000			0.594			0.000			0.000			0.000			0.000
Total				0.000			293.707			79.529			93.065			54.886			147.951
Remarks: [D529, PROJ, 155MM, M795 HE (DA54) ]																			

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<b>Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy</b>										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1				<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types						<b>Aggregated Item Name:</b> Artillery, All Types		
<b>Cost Elements</b> († indicates the presence of a P-21)	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Contract Method and Type</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$)</b>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
<b>4) D505, PROJ, 155MM, M485A2, ILLUM</b>												
†4.1) D505 LOAD, ASSEMBLE & PACK (LAP)		2011	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	ROCK ISLAND ARSENAL, IL	Jan 2011	Jan 2013	11,122	274.41	Y		
†4.1) D505 LOAD, ASSEMBLE & PACK (LAP)	✓	2011	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	ROCK ISLAND ARSENAL, IL	Jan 2011	Jan 2013	6,301	274.41	Y		
†4.2) D505 PROJ MPTS (EA)		2011	IMT CORPORATION / INGERSOLL, CANADA	C / FFP	ROCK ISLAND ARSENAL, IL	Feb 2011	Aug 2011	11,344	286.58	Y		
†4.2) D505 PROJ MPTS (EA)	✓	2011	IMT CORPORATION / INGERSOLL, CANADA	C / FFP	ROCK ISLAND ARSENAL, IL	Feb 2011	Aug 2011	6,424	286.58	Y		
†4.3) D505 UNIVERSAL LIFTING PLUG (EA)		2011	CORONET MACHINERY / BETHEL, CT	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Mar 2012	11,415	8.41	Y		
†4.3) D505 UNIVERSAL LIFTING PLUG (EA)	✓	2011	CORONET MACHINERY / BETHEL, CT	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Mar 2012	6,421	8.41	Y		
†4.4) D505 VL ILLUM CANISTER, 155MM		2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	PO	ROCK ISLAND ARSENAL, IL	Jul 2011	Jun 2012	11,565	326.23	Y		
†4.4) D505 VL ILLUM CANISTER, 155MM	✓	2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	PO	ROCK ISLAND ARSENAL, IL	Apr 2011	Dec 2012	6,551	326.23	Y		
†4.5) D505 GROMMET (EA)		2011	LC INDUSTRIES / HAZELHURST, MS	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2011	Oct 2011	11,500	6.00	Y		
†4.5) D505 GROMMET (EA)	✓	2011	LC INDUSTRIES / HAZELHURST, MS	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2011	Oct 2011	6,500	6.00	Y		
†4.6) D505 PARACHUTE MAIN, 155MM ILLUM		2011	YOLAND CORPORATION, INC / BROOKLYN, NY	C / FFP	ROCK ISLAND ARSENAL, IL	May 2011	Nov 2011	11,453	34.40	Y		
†4.6) D505 PARACHUTE MAIN, 155MM ILLUM	✓	2011	YOLAND CORPORATION, INC / BROOKLYN, NY	C / FFP	ROCK ISLAND ARSENAL, IL	May 2011	Nov 2011	6,483	34.40	Y		
†4.7) D505 DELAY ELEMENT		2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	PO	ROCK ISLAND ARSENAL, IL	Jul 2011	Jun 2012	11,467	30.00	Y		
†4.7) D505 DELAY ELEMENT	✓	2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	PO	ROCK ISLAND ARSENAL, IL	Apr 2011	Dec 2012	6,500	30.00	Y		
†4.8) D505 CANISTER, MPTS ASSY	✓	2011	WOODLAWN LLC MFG / MARSHALL, TX	C / FFP	** NO PCO **	Oct 2011	Feb 2012	6,500	36.00	Y		
†4.8) D505 CANISTER, MPTS ASSY		2011	BAILEY TOOLING MFG CO / LANCASTER, TX	C / FFP	** NO PCO **	Dec 2011	Jun 2012	11,444	36.00	Y		
†4.9) D505 PARACHUTE, MAIN SUPPORTS		2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	PO	ROCK ISLAND ARSENAL, IL	Aug 2011	Apr 2012	45,423	2.84	Y		
†4.9) D505 PARACHUTE, MAIN SUPPORTS	✓	2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	PO	ROCK ISLAND ARSENAL, IL	Aug 2011	Apr 2012	25,704	2.84	Y		
†4.10) D505 PARACHUTE, DROGUE SUPPORTS		2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	PO	ROCK ISLAND ARSENAL, IL	Aug 2011	Apr 2012	23,462	2.60	Y		



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<b>Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy</b>										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1				<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types						<b>Aggregated Item Name:</b> Artillery, All Types		
<b>Cost Elements</b> († indicates the presence of a P-21)	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Contract Method and Type</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$)</b>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
†4.10) D505 PARACHUTE, DROGUE SUPPORTS	✓	2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	PO	ROCK ISLAND ARSENAL, IL	Aug 2011	Apr 2012	13,077	2.60	Y		
†4.11) D505 PARACHUTE, DROGUE ASSY		2011	YOLAND CORPORATION, INC / BROOKLYN, NY	C / FFP	ROCK ISLAND ARSENAL, IL	May 2011	Oct 2011	11,437	16.70	Y		
†4.11) D505 PARACHUTE, DROGUE ASSY	✓	2011	YOLAND CORPORATION, INC / BROOKLYN, NY	C / FFP	ROCK ISLAND ARSENAL, IL	May 2011	Oct 2011	6,467	16.70	Y		
†4.12) D505 CANISTER, BASE ASSY	✓	2011	WOODLAWN LLC MFG / MARSHALL, TX	C / FFP	ROCK ISLAND ARSENAL, IL	Oct 2011	Feb 2012	6,500	10.00	Y		
†4.12) D505 CANISTER, BASE ASSY		2011	BAILEY TOOLING MFG CO / LANCASTER, TX	C / FFP	ROCK ISLAND ARSENAL, IL	Dec 2011	Jun 2012	11,500	10.00	Y		
<b>5) D529, PROJ, 155MM, M795 HE (DA54)</b>												
†5.1) D529 LOAD, ASSEMBLE & PACK (LAP)		2010	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	PICATINNY ARSENAL, NJ	Mar 2010	Mar 2012	88,010	0.00	Y		
†5.1) D529 LOAD, ASSEMBLE & PACK (LAP)		2011	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	PICATINNY ARSENAL, NJ	Aug 2011	Aug 2013	22,907	105.95	Y		
†5.1) D529 LOAD, ASSEMBLE & PACK (LAP)	✓	2011	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	PICATINNY ARSENAL, NJ	Aug 2011	Aug 2013	21,359	105.95	Y		
†5.1) D529 LOAD, ASSEMBLE & PACK (LAP)	✓	2012	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2012	Sep 2014	65,246	115.47	Y		
†5.1) D529 LOAD, ASSEMBLE & PACK (LAP)		2013	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Mar 2015	75,587	160.16	Y		
†5.1) D529 LOAD, ASSEMBLE & PACK (LAP)	✓	2013	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Mar 2015	51,411	160.16	Y		
5.2) D529 SUPPLEMENTAL CHARGES		2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Jul 2013	23,360	12.50	Y		
5.2) D529 SUPPLEMENTAL CHARGES	✓	2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Jul 2013	21,760	12.50	Y		
†5.3) D529 SUPPLEMENTAL CHARGE, PBXN-9	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2012	Dec 2013	66,552	46.61	Y		
†5.3) D529 SUPPLEMENTAL CHARGE, PBXN-9		2013	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Sep 2014	77,095	48.20	Y		
†5.3) D529 SUPPLEMENTAL CHARGE, PBXN-9	✓	2013	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Sep 2014	52,448	48.20	Y		
5.4) D529 PLUG, SHOCK ATTENUATING M795		2011	Flexible Concepts / Elkhart, IN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Jul 2013	23,366	6.12	Y		
5.4) D529 PLUG, SHOCK ATTENUATING M795	✓	2011	Flexible Concepts / Elkhart, IN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Jul 2013	21,732	6.12	Y		
5.5) D529 PLUG, LIFTING, MELTABLE FOR IM	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Aug 2012	Feb 2013	66,494	7.73	Y		

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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1				<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types						<b>Aggregated Item Name:</b> Artillery, All Types		
<b>Cost Elements</b> († indicates the presence of a P-21)	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Contract Method and Type</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$)</b>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
5.5) D529 PLUG, LIFTING, MELTABLE FOR IM		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Sep 2014	77,158	9.15	Y		
5.5) D529 PLUG, LIFTING, MELTABLE FOR IM	✓	2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Sep 2014	52,459	9.15	Y		
5.6) D529 TNT TYPE I FLAKE(LB)		2011	ATK ENERGETIC SYS / RADFORD, VA	C / FFP	ROCK ISLAND ARSENAL, IL	Aug 2011	Feb 2012	687,361	5.38	Y		
5.6) D529 TNT TYPE I FLAKE(LB)	✓	2011	ATK ENERGETIC SYS / RADFORD, VA	C / FFP	ROCK ISLAND ARSENAL, IL	Aug 2011	Feb 2012	640,706	5.38	Y		
5.7) D529 EXPLOSIVE FILL IMX-101	✓	2012	BAE ORDNANCE SYSTEMS / KINGSFORT, TN	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2012	Dec 2013	1,957,278	10.58	Y		
5.7) D529 EXPLOSIVE FILL IMX-101		2013	BAE ORDNANCE SYSTEMS / KINGSFORT, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Sep 2014	2,312,885	13.97	Y		
5.7) D529 EXPLOSIVE FILL IMX-101	✓	2013	BAE ORDNANCE SYSTEMS / KINGSFORT, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Sep 2014	1,573,085	13.97	Y		
5.8) D529 METAL PARTS M795		2011	GENRAL DYNAMICS OTS / SCRANTON, PA	C / FFP	PICATINNY ARSENAL, NJ	Apr 2011	Sep 2012	23,367	366.75	Y		
5.8) D529 METAL PARTS M795	✓	2011	GENRAL DYNAMICS OTS / SCRANTON, PA	C / FFP	PICATINNY ARSENAL, NJ	Apr 2011	Sep 2012	21,783	366.75	Y		
5.8) D529 METAL PARTS M795	✓	2012	GENRAL DYNAMICS OTS / SCRANTON, PA	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Sep 2013	66,548	349.04	Y		
5.8) D529 METAL PARTS M795		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Sep 2014	77,097	390.00	Y		
5.8) D529 METAL PARTS M795	✓	2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Sep 2014	52,438	390.00	Y		
5.9) D529 WOODEN PALLETS		2011	KNOX CNTY ASSOC RETARDED CITIZENS / VINCENNES, IN	C / FFP	PICATINNY ARSENAL, NJ	Apr 2011	Oct 2012	2,918	71.96	Y		
5.9) D529 WOODEN PALLETS	✓	2011	KNOX CNTY ASSOC RETARDED CITIZENS / VINCENNES, IN	C / FFP	PICATINNY ARSENAL, NJ	Apr 2011	Oct 2012	2,724	71.96	Y		
5.10) D529 WOODEN PALLETS, IMX-101	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Sep 2013	8,325	73.63	Y		
5.10) D529 WOODEN PALLETS, IMX-101		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Sep 2014	9,830	129.50	Y		
5.10) D529 WOODEN PALLETS, IMX-101	✓	2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Sep 2014	6,680	129.50	Y		
<b>6) D550, PROJ, 155MM, M110A2, SMOKE WP</b>												
†6.1) D550 LOAD, ASSEMBLE & PACK (LAP)		2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	ROCK ISLAND ARSENAL, IL	Mar 2012	Jan 2014	6,091	275.81	Y		

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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1				<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types						<b>Aggregated Item Name:</b> Artillery, All Types		
<b>Cost Elements</b> († indicates the presence of a P-21)	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Contract Method and Type</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$)</b>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
6.2) D550 CASING PROJ BURSTER M1E1		2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Sep 2013	6,210	66.18	Y		
6.3) D550 UNIVERSAL LIFTING PLUG		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Sep 2013	6,286	8.75	Y		
6.4) D550 CHG BSTR M54A1 ASSY		2012	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	PO	ROCK ISLAND ARSENAL, IL	Mar 2012	Nov 2013	6,279	73.74	Y		
†6.5) D550 METAL PARTS, M110		2012	TO BE SELECTED / Unknown	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Sep 2013	6,213	282.00	Y		
6.6) D550 COMP B TYPE I GRADE A		2012	BAE ORDNANCE SYSTEMS / KINGSPORT, TN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Mar 2013	4,215	19.93	Y		
6.7) D550 GROMMET, HE SMOKE		2012	LC INDUSTRIES / HAZELHURST, MS	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Jul 2013	6,250	2.40	Y		
<b>7) DA12, CHG, 155MM, M231, MOD ARTY CHG SYS</b>												
†7.1) DA12 LOAD, ASSEMBLE & PACK (LAP)		2011	GENERAL DYNAMICS ATP / HAMPTON, AR	C / FFP	PICATINNY ARSENAL, NJ	Aug 2011	Jun 2013	201,105	16.29	Y		
†7.1) DA12 LOAD, ASSEMBLE & PACK (LAP)	✓	2011	GENERAL DYNAMICS ATP / HAMPTON, AR	C / FFP	PICATINNY ARSENAL, NJ	Aug 2011	Jun 2013	124,561	16.53	Y		
†7.1) DA12 LOAD, ASSEMBLE & PACK (LAP)		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Jul 2012	Mar 2014	66,359	17.36	Y		
7.2) DA12 IGNITION PROPELLANT, MACS		2011	ST MARKS POWDER INC / CRAWFORDVILLE, FL	C / FFP	PICATINNY ARSENAL, NJ	Aug 2011	Dec 2011	13,043	8.97	Y		
7.2) DA12 IGNITION PROPELLANT, MACS	✓	2011	ST MARKS POWDER INC / CRAWFORDVILLE, FL	C / FFP	PICATINNY ARSENAL, NJ	Aug 2011	Mar 2012	8,138	8.97	Y		
7.2) DA12 IGNITION PROPELLANT, MACS		2012	ST MARKS POWDER INC / CRAWFORDVILLE, FL	C / FFP	PICATINNY ARSENAL, NJ	Apr 2012	Mar 2013	4,203	9.28	Y		
7.3) DA12 COMBUSTIBLE CASES		2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FFP	PICATINNY ARSENAL, NJ	May 2011	Feb 2013	207,272	32.73	Y		
7.3) DA12 COMBUSTIBLE CASES	✓	2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FFP	PICATINNY ARSENAL, NJ	Sep 2011	Feb 2013	128,308	33.63	Y		
7.3) DA12 COMBUSTIBLE CASES		2012	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Sep 2013	68,362	32.24	Y		
7.4) DA12 BLACK POWDER, M231		2011	GOEX INC / MINDEN, LA	SS / FFP	ROCK ISLAND ARSENAL, IL	Jun 2011	Nov 2011	12,222	13.50	Y		
7.4) DA12 BLACK POWDER, M231	✓	2011	GOEX INC / MINDEN, LA	SS / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Sep 2012	7,630	13.50	Y		
7.4) DA12 BLACK POWDER, M231		2012	GOEX INC / MINDEN, LA	SS / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Sep 2013	4,006	13.98	Y		
7.5) DA12 PROPELLANT, PAPP7993		2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2012	Mar 2013	740,457	8.75	Y		

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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1				<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types						<b>Aggregated Item Name:</b> Artillery, All Types		
<b>Cost Elements</b> († indicates the presence of a P-21)	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Contract Method and Type</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$)</b>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
7.5) DA12 PROPELLANT, PAPP7993	✓	2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2012	Mar 2013	464,000	8.75	Y		
7.5) DA12 PROPELLANT, PAPP7993		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2012	Mar 2013	232,309	11.39	Y		
7.6) DA12 CONTAINER M231		2011	CONCO, INC / LOUISVILLE, KY	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Oct 2012	51,802	38.30	Y		
7.6) DA12 CONTAINER M231	✓	2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Apr 2013	32,089	38.30	Y		
7.6) DA12 CONTAINER M231		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Mar 2013	17,263	42.46	Y		
<b>8) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS</b>												
†8.1) DA13 LOAD, ASSEMBLE & PACK (LAP)		2011	GENERAL DYNAMICS ATP / HAMPTON, AR	C / FFP	PICATINNY ARSENAL, NJ	Aug 2011	Jan 2014	133,690	19.65	Y		
†8.1) DA13 LOAD, ASSEMBLE & PACK (LAP)	✓	2011	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Jul 2012	May 2014	73,800	20.00	Y		
†8.1) DA13 LOAD, ASSEMBLE & PACK (LAP)		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Jul 2012	Oct 2014	70,849	20.72	Y		
†8.1) DA13 LOAD, ASSEMBLE & PACK (LAP)		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Jul 2015	72,602	20.33	Y		
8.2) DA13 IGNITION PROPELLANT		2011	ST MARKS POWDER INC / CRAWFORDVILLE, FL	C / FFP	PICATINNY ARSENAL, NJ	Sep 2011	Sep 2012	10,479	8.97	Y		
8.2) DA13 IGNITION PROPELLANT	✓	2011	ST MARKS POWDER INC / CRAWFORDVILLE, FL	C / FFP	PICATINNY ARSENAL, NJ	Sep 2011	Sep 2012	4,794	8.97	Y		
8.2) DA13 IGNITION PROPELLANT		2012	ST MARKS POWDER INC / CRAWFORDVILLE, FL	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Mar 2013	4,526	9.28	Y		
8.2) DA13 IGNITION PROPELLANT		2013	ST MARKS POWDER INC / CRAWFORDVILLE, FL	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Mar 2014	4,697	9.58	Y		
8.3) DA13 COMBUSTIBLE CASES		2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FFP	PICATINNY ARSENAL, NJ	Sep 2011	Mar 2013	141,084	33.20	Y		
8.3) DA13 COMBUSTIBLE CASES	✓	2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FFP	PICATINNY ARSENAL, NJ	Sep 2011	Mar 2013	76,037	34.97	Y		
8.3) DA13 COMBUSTIBLE CASES		2012	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Sep 2013	72,960	32.84	Y		
8.3) DA13 COMBUSTIBLE CASES		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Sep 2014	74,786	36.17	Y		
8.4) DA13 BLACK POWDER CLASS 1 (LB)		2011	GOEX INC / MINDEN, LA	SS / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Mar 2013	8,296	13.50	Y		
8.4) DA13 BLACK POWDER CLASS 1 (LB)	✓	2011	GOEX INC / MINDEN, LA	SS / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Mar 2013	4,593	13.50	Y		

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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1				<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types						<b>Aggregated Item Name:</b> Artillery, All Types		
<b>Cost Elements</b> († indicates the presence of a P-21)	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Contract Method and Type</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$)</b>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
8.4) DA13 BLACK POWDER CLASS 1 (LB)		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Sep 2013	4,220	13.98	Y		
8.4) DA13 BLACK POWDER CLASS 1 (LB)		2013	GOEX INC / MINDEN, LA	SS / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Sep 2014	4,332	14.08	Y		
†8.5) DA13 PROPELLANT M31A2		2011	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Jul 2012	Mar 2013	663,071	14.00	Y		
†8.5) DA13 PROPELLANT M31A2	✓	2011	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Jul 2012	Mar 2014	357,000	14.00	Y		
†8.5) DA13 PROPELLANT M31A2		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Aug 2012	Apr 2014	354,118	13.84	Y		
†8.5) DA13 PROPELLANT M31A2		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Nov 2014	350,105	14.23	Y		
8.6) DA13 CONTAINER M232A1		2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Sep 2012	28,247	40.50	Y		
8.6) DA13 CONTAINER M232A1	✓	2011	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Sep 2012	15,235	40.50	Y		
8.6) DA13 CONTAINER M232A1		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Mar 2013	14,885	42.46	Y		
8.6) DA13 CONTAINER M232A1		2013	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Mar 2014	15,255	41.69	Y		
<b>9) DA23, CHG, 155MM, M231 MOD ARTY CHG SYS DUMMY</b>												
9.1) DA23 COMPLETE ROUND		2013	TBD / TBD	SS / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Apr 2013	155	200.00	Y		
<b>10) DA24, CHG, 155MM, M232A1 MOD ARTY CHG SYS DUMMY</b>												
10.1) DA24 COMPLETE ROUND		2013	ARMTEC DEFENSE, INC. / COACHELLA, CA	SS / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Apr 2013	190	200.00	Y		
<b>11) DA45 155MM, XM982, EXCALIBUR</b>												
†11.1) DA45 COMPLETE ROUND	✓	2011	Raytheon Missile Systems / Tucson, AZ	SS / FFP	PICATINNY ARSENAL, NJ	Mar 2011	May 2012	1,994	78,345.94	Y		
11.2) DA45 CONTAINER SYSTEM	✓	2011	CONCO, INC / LOUISVILLE, KY	SS / FFP	PICATINNY ARSENAL, NJ	Mar 2011	Dec 2011	1,994	979.02	Y		
<b>12) DA49, 155MM, IR ILLUM</b>												
†12.1) DA49 LOAD, ASSEMBLE & PACK (LAP)	✓	2011	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	ROCK ISLAND ARSENAL, IL	Jan 2011	Jan 2013	2,661	263.42	Y		
12.2) DA49 PROJ BODY 155MM M485	✓	2011	IMT DEFENSE CORP / WESTERVILLE, OH	C / FFP	ROCK ISLAND ARSENAL, IL	Feb 2011	May 2012	2,715	286.58	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1473 - Artillery, All Types					Aggregated Item Name: Artillery, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
12.3) DA49 UNIVERSAL LIFTING PLUG(EA)	✓	2011	CORONET MACHINERY / BETHEL, CT	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Mar 2012	2,759	8.70	Y		
12.4) DA49 IR ILLUM CANISTER, 155MM	✓	2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	PO	ROCK ISLAND ARSENAL, IL	Jul 2011	Jan 2012	2,768	326.23	Y		
12.5) DA49 GROMMET(EA)	✓	2011	LC INDUSTRIES / HAZELHURST, MS	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2011	Oct 2011	2,667	6.00	Y		
12.6) DA49 PARACHUTE, MAIN	✓	2011	YOLAND CORPORATION, INC / BROOKLYN, NY	C / FFP	ROCK ISLAND ARSENAL, IL	May 2011	Nov 2011	2,703	34.40	Y		
12.7) DA49 DELAY ELEMENT	✓	2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	PO	ROCK ISLAND ARSENAL, IL	Jun 2011	Dec 2012	2,733	30.00	Y		
12.8) DA49 CANISTER, MPTS ASSY	✓	2011	WOODLAWN LLC MFG / MARSHALL, TX	C / FFP	PICATINNY ARSENAL, NJ	Oct 2011	Feb 2012	2,741	54.00	Y		
12.9) DA49 PARACHUTE, MAIN SUPPORTS	✓	2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	PO	ROCK ISLAND ARSENAL, IL	Aug 2011	Dec 2012	10,811	2.96	Y		
12.10) DA49 PARACHUTE, DROGUE SUPPORTS	✓	2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	PO	ROCK ISLAND ARSENAL, IL	Aug 2011	Dec 2012	5,618	1.78	Y		
12.11) DA49 PARACHUTE, DROGUE ASSY	✓	2011	YOLAND CORPORATION, INC / BROOKLYN, NY	C / FFP	ROCK ISLAND ARSENAL, IL	May 2011	Oct 2011	2,754	16.70	Y		
12.12) DA49 CANISTER, BASE ASSY	✓	2011	WOODLAWN LLC MFG / MARSHALL, TX	C / FFP	PICATINNY ARSENAL, NJ	Oct 2011	Feb 2012	2,741	17.15	Y		
Remarks:												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1473 - Artillery, All Types										Aggregated Item Name: Artillery, All Types																
COST ELEMENTS Units in Thousands							Fiscal Year 2011										Fiscal Year 2012																			
O C O	MFR Ref #	FY	SERVICE <sup>±</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2011																			Calendar Year 2012										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						
4) D505, PROJ, 155MM, M485A2, ILLUM																																				
4.1) D505 LOAD, ASSEMBLE & PACK (LAP)																																				
	30	2011	NAVY	11.12	0	11.12	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.12						
✓	30	2011	NAVY	6.301	0	6.301	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.301						
4.2) D505 PROJ MPTS (EA)																																				
	31	2011	NAVY	11.34	0	11.34	-	-	-	-	A -	-	-	-	-	-	11.34																			
✓	31	2011	NAVY	6.424	0	6.424	-	-	-	-	A -	-	-	-	-	-	6.424																			
4.3) D505 UNIVERSAL LIFTING PLUG (EA)																																				
	32	2011	NAVY	11.42	0	11.42	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	11.42												
✓	32	2011	NAVY	6.421	0	6.421	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	6.421												
4.4) D505 VL ILLUM CANISTER, 155MM																																				
	33	2011	NAVY	11.57	0	11.57	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	11.57								
✓	33	2011	NAVY	6.551	0	6.551	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.551						
4.5) D505 GROMMET (EA)																																				
	34	2011	NAVY	11.5	0	11.5	-	-	-	-	-	-	-	-	A -	-	-	-	11.5																	
✓	34	2011	NAVY	6.5	0	6.5	-	-	-	-	-	-	-	-	A -	-	-	-	6.5																	
4.6) D505 PARACHUTE MAIN, 155MM ILLUM																																				
	35	2011	NAVY	11.45	0	11.45	-	-	-	-	-	-	-	A -	-	-	-	-	-	11.45																
✓	35	2011	NAVY	6.483	0	6.483	-	-	-	-	-	-	-	A -	-	-	-	-	-	6.483																
4.7) D505 DELAY ELEMENT																																				
	36	2011	NAVY	11.47	0	11.47	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	11.47								
✓	36	2011	NAVY	6.5	0	6.5	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5						
4.8) D505 CANISTER, MPTS ASSY																																				
✓	37	2011	NAVY	6.5	0	6.5	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	6.5														
	38	2011	NAVY	11.44	0	11.44	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	11.44								
4.9) D505 PARACHUTE, MAIN SUPPORTS																																				
	39	2011	NAVY	45.42	0	45.42	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	45.42									
✓	39	2011	NAVY	25.7	0	25.7	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	25.7									
4.10) D505 PARACHUTE, DROGUE SUPPORTS																																				
							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						

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																	
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1473 - Artillery, All Types										Aggregated Item Name: Artillery, All Types																	
COST ELEMENTS Units in Thousands							Fiscal Year 2011										Fiscal Year 2012																				
O C O	MFR Ref #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2011																				Calendar Year 2012										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							
	40	2011	NAVY	23.46	0	23.46	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	23.46										
✓	40	2011	NAVY	13.08	0	13.08	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	13.08										
4.11) D505 PARACHUTE, DROGUE ASSY																																					
	41	2011	NAVY	11.44	0	11.44	-	-	-	-	-	-	-	-	A -	-	-	-	-	11.44																	
✓	41	2011	NAVY	6.467	0	6.467	-	-	-	-	-	-	-	-	A -	-	-	-	-	6.467																	
4.12) D505 CANISTER, BASE ASSY																																					
✓	42	2011	NAVY	6.5	0	6.5	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	6.5													
	43	2011	NAVY	11.5	0	11.5	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	11.5							
5) D529, PROJ, 155MM, M795 HE (DA54)																																					
5.1) D529 LOAD, ASSEMBLE & PACK (LAP)																																					
	44	2010	NAVY	88.01	0	88.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.5	40.07	6.83	1.61									
	44	2011	NAVY	22.91	0	22.91	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	22.91						
✓	44	2011	NAVY	21.36	0	21.36	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	21.36						
✓	44	2012	NAVY	65.25	0	65.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	65.25						
	44	2013	NAVY	75.59	0	75.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75.59						
✓	44	2013	NAVY	51.41	0	51.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.41						
5.3) D529 SUPPLEMENTAL CHARGE, PBXN-9																																					
✓	45	2012	NAVY	66.55	0	66.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	66.55					
	45	2013	NAVY	77.1	0	77.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77.1						
✓	45	2013	NAVY	52.45	0	52.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.45						
6) D550, PROJ, 155MM, M110A2, SMOKE WP																																					
6.1) D550 LOAD, ASSEMBLE & PACK (LAP)																																					
	46	2012	NAVY	6.091	0	6.091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	6.091					
6.5) D550 METAL PARTS, M110																																					
	47	2012	NAVY	6.213	0	6.213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	6.213					
7) DA12, CHG, 155MM, M231, MOD ARTY CHG SYS																																					
7.1) DA12 LOAD, ASSEMBLE & PACK (LAP)																																					
	48	2011	NAVY	201.1	0	201.1	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	201.1						
✓	48	2011	NAVY	124.6	0	124.6	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	124.6						
							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							



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Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1473 - Artillery, All Types										Aggregated Item Name: Artillery, All Types														
COST ELEMENTS Units in Thousands							Fiscal Year 2011										Fiscal Year 2012																	
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2011																			Calendar Year 2012								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				
	49	2012	NAVY	66.36	0	66.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	66.36		
8) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS																																		
8.1) DA13 LOAD, ASSEMBLE & PACK (LAP)																																		
	50	2011	NAVY	133.7	0	133.7	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	133.7		
✓	51	2011	NAVY	73.8	0	73.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	73.8		
	51	2012	NAVY	70.85	0	70.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	70.85		
	51	2013	NAVY	72.6	0	72.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72.6		
8.5) DA13 PROPELLANT M31A2																																		
	52	2011	NAVY	663.1	0	663.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	663.1		
✓	52	2011	NAVY	357	0	357	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	357		
	52	2012	NAVY	354.1	0	354.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	354.1		
	52	2013	NAVY	350.1	0	350.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	350.1		
11) DA45 155MM, XM982, EXCALIBUR																																		
11.1) DA45 COMPLETE ROUND																																		
✓	53	2011	NAVY	1.994	0	1.994	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.074	.175	.175	.175	.175	1.22
12) DA49, 155MM, IR ILLUM																																		
12.1) DA49 LOAD, ASSEMBLE & PACK (LAP)																																		
✓	54	2011	NAVY	2.661	0	2.661	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.661		
							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				

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																			Date: February 2012																	
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1473 - Artillery, All Types										Aggregated Item Name: Artillery, All Types																
COST ELEMENTS Units in Thousands							Fiscal Year 2013											Fiscal Year 2014																		
O C O	MFR Ref #	FY	SERVICE*	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013																			Calendar Year 2014										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						
4) D505, PROJ, 155MM, M485A2, ILLUM																																				
4.1) D505 LOAD, ASSEMBLE & PACK (LAP)																																				
	30	2011	NAVY	11.12	0	11.12	-	-	-	1	1	1	1	1	1	2	2.122																			
✓	30	2011	NAVY	6.301	0	6.301	-	-	-	1	1	1	1	1	.301																					
4.2) D505 PROJ MPTS (EA)																																				
	31	2011	NAVY	11.34	11.34	0																														
✓	31	2011	NAVY	6.424	6.424	0																														
4.3) D505 UNIVERSAL LIFTING PLUG (EA)																																				
	32	2011	NAVY	11.42	11.42	0																														
✓	32	2011	NAVY	6.421	6.421	0																														
4.4) D505 VL ILLUM CANISTER, 155MM																																				
	33	2011	NAVY	11.57	11.57	0																														
✓	33	2011	NAVY	6.551	0	6.551	-	-	6.551																											
4.5) D505 GROMMET (EA)																																				
	34	2011	NAVY	11.5	11.5	0																														
✓	34	2011	NAVY	6.5	6.5	0																														
4.6) D505 PARACHUTE MAIN, 155MM ILLUM																																				
	35	2011	NAVY	11.45	11.45	0																														
✓	35	2011	NAVY	6.483	6.483	0																														
4.7) D505 DELAY ELEMENT																																				
	36	2011	NAVY	11.47	11.47	0																														
✓	36	2011	NAVY	6.5	0	6.5	-	-	6.5																											
4.8) D505 CANISTER, MPTS ASSY																																				
✓	37	2011	NAVY	6.5	6.5	0																														
	38	2011	NAVY	11.44	11.44	0																														
4.9) D505 PARACHUTE, MAIN SUPPORTS																																				
	39	2011	NAVY	45.42	45.42	0																														
✓	39	2011	NAVY	25.7	25.7	0																														
4.10) D505 PARACHUTE, DROGUE SUPPORTS																																				
	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												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																			Date: February 2012																			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1473 - Artillery, All Types												Aggregated Item Name: Artillery, All Types																			
COST ELEMENTS Units in Thousands							Fiscal Year 2013												Fiscal Year 2014																			
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013																			Calendar Year 2014												
							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							
	40	2011	NAVY	23.46	23.46	0																																
✓	40	2011	NAVY	13.08	13.08	0																																
4.11) D505 PARACHUTE, DROGUE ASSY																																						
	41	2011	NAVY	11.44	11.44	0																																
✓	41	2011	NAVY	6.467	6.467	0																																
4.12) D505 CANISTER, BASE ASSY																																						
✓	42	2011	NAVY	6.5	6.5	0																																
	43	2011	NAVY	11.5	11.5	0																																
5) D529, PROJ, 155MM, M795 HE (DA54)																																						
5.1) D529 LOAD, ASSEMBLE & PACK (LAP)																																						
	44	2010	NAVY	88.01	88.01	0																																
	44	2011	NAVY	22.91	0	22.91	-	-	-	-	-	-	-	-	-	-	22.91																					
✓	44	2011	NAVY	21.36	0	21.36	-	-	-	-	-	-	-	-	-	-	17.09	4.269																				
✓	44	2012	NAVY	65.25	0	65.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.26	40.99								
	44	2013	NAVY	75.59	0	75.59	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75.59								
✓	44	2013	NAVY	51.41	0	51.41	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.41								
5.3) D529 SUPPLEMENTAL CHARGE, PBXN-9																																						
✓	45	2012	NAVY	66.55	0	66.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66.55																	
	45	2013	NAVY	77.1	0	77.1	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77.1									
✓	45	2013	NAVY	52.45	0	52.45	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.45									
6) D550, PROJ, 155MM, M110A2, SMOKE WP																																						
6.1) D550 LOAD, ASSEMBLE & PACK (LAP)																																						
	46	2012	NAVY	6.091	0	6.091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.091																
6.5) D550 METAL PARTS, M110																																						
	47	2012	NAVY	6.213	0	6.213	-	-	-	-	-	-	-	-	-	-	-	6.213																				
7) DA12, CHG, 155MM, M231, MOD ARTY CHG SYS																																						
7.1) DA12 LOAD, ASSEMBLE & PACK (LAP)																																						
	48	2011	NAVY	201.1	0	201.1	-	-	-	-	-	-	-	-	50.4	-	50.28	-	-	50.4	-	50.03																
✓	48	2011	NAVY	124.6	0	124.6	-	-	-	-	-	-	-	-	30.96	-	30.96	-	-	31.32	-	31.32																
							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								

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012													
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1473 - Artillery, All Types										Aggregated Item Name: Artillery, All Types																
COST ELEMENTS Units in Thousands							Fiscal Year 2013												Fiscal Year 2014																	
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013																			Calendar Year 2014										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						
	49	2012	NAVY	66.36	0	66.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	30	6.359								
8) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS																																				
8.1) DA13 LOAD, ASSEMBLE & PACK (LAP)																																				
	50	2011	NAVY	133.7	0	133.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34	34	31.69										
✓	51	2011	NAVY	73.8	0	73.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	13	13	13	13	8.8				
	51	2012	NAVY	70.85	0	70.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70.85				
	51	2013	NAVY	72.6	0	72.6	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72.6				
8.5) DA13 PROPELLANT M31A2																																				
	52	2011	NAVY	663.1	0	663.1	-	-	-	-	-	663.1																								
✓	52	2011	NAVY	357	0	357	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	357											
	52	2012	NAVY	354.1	0	354.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	354.1										
	52	2013	NAVY	350.1	0	350.1	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	350.1				
11) DA45 155MM, XM982, EXCALIBUR																																				
11.1) DA45 COMPLETE ROUND																																				
✓	53	2011	NAVY	1.994	.774	1.22	.175	.175	.174	.174	.174	.174	.174	.174																						
12) DA49, 155MM, IR ILLUM																																				
12.1) DA49 LOAD, ASSEMBLE & PACK (LAP)																																				
✓	54	2011	NAVY	2.661	0	2.661	-	-	-	1	1.661																									
							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						

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012														
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1473 - Artillery, All Types										Aggregated Item Name: Artillery, All Types														
COST ELEMENTS Units in Thousands							Fiscal Year 2015										Fiscal Year 2016																	
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2015																	Calendar Year 2016										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				
4) D505, PROJ, 155MM, M485A2, ILLUM																																		
4.1) D505 LOAD, ASSEMBLE & PACK (LAP)																																		
	30	2011	NAVY	11.12	11.12	0																												
✓	30	2011	NAVY	6.301	6.301	0																												
4.2) D505 PROJ MPTS (EA)																																		
	31	2011	NAVY	11.34	11.34	0																												
✓	31	2011	NAVY	6.424	6.424	0																												
4.3) D505 UNIVERSAL LIFTING PLUG (EA)																																		
	32	2011	NAVY	11.42	11.42	0																												
✓	32	2011	NAVY	6.421	6.421	0																												
4.4) D505 VL ILLUM CANISTER, 155MM																																		
	33	2011	NAVY	11.57	11.57	0																												
✓	33	2011	NAVY	6.551	6.551	0																												
4.5) D505 GROMMET (EA)																																		
	34	2011	NAVY	11.5	11.5	0																												
✓	34	2011	NAVY	6.5	6.5	0																												
4.6) D505 PARACHUTE MAIN, 155MM ILLUM																																		
	35	2011	NAVY	11.45	11.45	0																												
✓	35	2011	NAVY	6.483	6.483	0																												
4.7) D505 DELAY ELEMENT																																		
	36	2011	NAVY	11.47	11.47	0																												
✓	36	2011	NAVY	6.5	6.5	0																												
4.8) D505 CANISTER, MPTS ASSY																																		
✓	37	2011	NAVY	6.5	6.5	0																												
	38	2011	NAVY	11.44	11.44	0																												
4.9) D505 PARACHUTE, MAIN SUPPORTS																																		
	39	2011	NAVY	45.42	45.42	0																												
✓	39	2011	NAVY	25.7	25.7	0																												
4.10) D505 PARACHUTE, DROGUE SUPPORTS																																		
							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				

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012													
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1473 - Artillery, All Types															Aggregated Item Name: Artillery, All Types														
COST ELEMENTS Units in Thousands							Fiscal Year 2015												Fiscal Year 2016																	
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2015																		Calendar Year 2016											
							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					
	49	2012	NAVY	66.36	66.36	0																														
8) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS																																				
8.1) DA13 LOAD, ASSEMBLE & PACK (LAP)																																				
	50	2011	NAVY	133.7	133.7	0																														
✓	51	2011	NAVY	73.8	65	8.8	8.8																													
	51	2012	NAVY	70.85	0	70.85	7.95	7.95	7.95	7.95	7.95	7.95	7.95	7.95	7.249																					
	51	2013	NAVY	72.6	0	72.6	-	-	-	-	-	-	-	-	-	6	19	19	19	9.602																
8.5) DA13 PROPELLANT M31A2																																				
	52	2011	NAVY	663.1	663.1	0																														
✓	52	2011	NAVY	357	357	0																														
	52	2012	NAVY	354.1	354.1	0																														
	52	2013	NAVY	350.1	0	350.1	-	350.1																												
11) DA45 155MM, XM982, EXCALIBUR																																				
11.1) DA45 COMPLETE ROUND																																				
✓	53	2011	NAVY	1.994	1.994	0																														
12) DA49, 155MM, IR ILLUM																																				
12.1) DA49 LOAD, ASSEMBLE & PACK (LAP)																																				
✓	54	2011	NAVY	2.661	2.661	0																														
							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						

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1	<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types	<b>Aggregated Item Name:</b> Artillery, All Types

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	PINE BLUFF ARSENAL - PINE BLUFF, AR	.002	.004	.01	6	4	24	28	6	4	24	28
2	IMT CORPORATION - INGERSOLL, CANADA	0	0	0	0	0	0	0	0	0	0	0
3	CORONET MACHINERY - BETHEL, CT	0	0	0	0	0	0	0	0	0	0	0
4	CRANE ARMY AMMUNITION ACTIVITY - CRANE, IND	0	0	0	0	0	0	0	0	0	0	0
5	LC INDUSTRIES - HAZELHURST, MS	0	0	0	0	0	0	0	0	0	0	0
6	YOLAND CORPORATION, INC - BROOKLYN, NY	0	0	0	0	0	0	0	0	0	0	0
7	CRANE ARMY AMMUNITION ACTIVITY - CRANE, IND	0	0	0	0	0	0	0	0	0	0	0
8	WOODLAWN LLC MFG - MARSHALL, TX	0	0	0	0	0	0	0	0	0	0	0
9	BAILEY TOOLING MFG CO - LANCASTER, TX	0	0	0	0	0	0	0	0	0	0	0
10	CRANE ARMY AMMUNITION ACTIVITY - CRANE, IND	0	0	0	0	0	0	0	0	0	0	0
11	CRANE ARMY AMMUNITION ACTIVITY - CRANE, IND	0	0	0	0	0	0	0	0	0	0	0
12	YOLAND CORPORATION, INC - BROOKLYN, NY	0	0	0	0	0	0	0	0	0	0	0
13	WOODLAWN LLC MFG - MARSHALL, TX	0	0	0	0	0	0	0	0	0	0	0
14	BAILEY TOOLING MFG CO - LANCASTER, TX	0	0	0	0	0	0	0	0	0	0	0
15	AMERICAN ORDANCE - MIDDLETOWN, IA	.01	.035	.04	6	6	24	30	6	6	24	30
16	TO BE SELECTED - UNKNOWN	0	0	0	0	0	0	0	0	0	0	0
17	PINE BLUFF ARSENAL - PINE BLUFF, AR	.008	.01	.017	6	4	24	28	6	4	24	28



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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2013 Navy								<b>Date:</b> February 2012			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1				<b>P-1 Line Item Nomenclature:</b> 1473 - Artillery, All Types				<b>Aggregated Item Name:</b> Artillery, All Types			

		PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
18	TO BE SELECTED - Unknown	0	0	0	0	0	0	0	0	0	0	0
19	GENERAL DYNAMICS ATP - HAMPTON, AR	.03	.05	.125	6	6	24	30	6	6	24	30
20	TO BE SELECTED - UNKNOWN	0	0	0	0	0	0	0	0	0	0	0
21	GENERAL DYNAMICS ATP - HAMPTON, AR	.03	.05	.125	6	6	24	30	6	6	24	30
22	TO BE SELECTED - UNKNOWN	.03	.05	.125	6	6	24	30	6	6	24	30
23	TO BE SELECTED - UNKNOWN	0	0	0	0	0	0	0	0	0	0	0
24	Raytheon Missile Systems - Tucson, AZ	0	0	0	0	0	0	0	0	0	0	0
25	PINE BLUFF ARSENAL - PINE BLUFF, AR	0	0	0	0	0	0	0	0	0	0	0

**Remarks:**

‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition							<b>P-1 Line Item Nomenclature:</b> 1500 - Demolition Munitions, All Types					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	10,016.826	22.953	30.617	2.047	1.391	3.438	2.046	3.468	2.047	2.047	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	10,016.826	22.953	30.617	2.047	1.391	3.438	2.046	3.468	2.047	2.047	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	10,016.826	22.953	30.617	2.047	1.391	3.438	2.046	3.468	2.047	2.047	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Description:</b> Base Appropriations Request:  The Cartridge, 12 gauge, EOD, MK 274 Mod 0, Ultra Velocity Slug (DODIC AA62), is used only in the Percussion Actuated Disrupter (PAN Disrupter). These cartridges are never to be used in a 12 gauge shotgun. The Cartridge consists of a 1-ounce lead projectile with a nylon gear attached to the rear of the projectile for stabilization after firing. The round is a standard 3-1/2 inch cartridge. The projectile is propelled by 20 grains of Blue Dot smokeless powder and 120 grains of Scot 4100 smokeless powder. The primary purpose of the cartridge is to provide the EOD technician with a cartridge specifically designed to defeat fast responding circuits and penetration of up to 1/2 inch steel packages.  The Cap, Blasting Electric MK17 MOD 1-HERO SAFE- (DODIC DWFP) is used for initiating high explosives with a blasting machine or other suitable source of electric power. It is capable of detonating all standard military explosives.  Lightweight Disposable Disruptor (DODIC DWDN) The Lightweight Disposable Disruptor has been specifically developed to offer the EOD operator an extremely cost effective ultra lightweight disruptor capable of defeating improvised Explosive Devices (IEDs) with consistent reliability.  Powdered bag, smokeless (DODIC DWGB) is an EOD specific item and training use requirement.  The Charge, Demolition Block M118 2 Pound Pentaerythritol Tetranitrate (PETN) (DODIC M024) is a general-purpose demolition. It is suitable for underwater use and is particularly effective against steel, concrete, and timber. This sheet can be cut to any desired shape and may be quickly applied to irregular and curved surfaces. This charge may be detonated by electric blasting caps, non-electric blasting caps, or detonating cord. Each box of the M118 Demolition Blocks comes with 80 blasting cap holders.  The Charge, Demolition Cratering 40-Pound (DODIC M039) is an alternate to the standard ammonium nitrate cratering charge for the destruction of buildings, structures, and fortifications. The charge is composed of approximately 40-pound of H-6 explosive and a .43-pound A-5 composition booster. H-6 explosive is a highly brisant explosive derived from the HBX family. A semicircular handle is also located on the top of the container for handling the charge or for attaching a line when lowering the charge in a hole.  The Cap, Blasting Non-Electric Inert (DODIC M097) is used in training personnel in the correct procedures for safe handling of non-electric blasting caps. The DODIC M097 is approximately 2.3 inches long and .23 inches in diameter. There are two holes drilled through the cap to signify that the cap is inert. A fuse cavity is located in one end of the blasting cap to receive a time safety fuse. The cap is painted black.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition		P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
<p>The Cap, Blasting Electric Inert (DODIC M098) is used in training personnel in the correct procedures for safe handling of electric blasting caps. The blasting cap is approximately 2.3 inches long and .23-inches in diameter. There are two lead wires approximately 12 feet in length. There are two holes drilled through the cap to signify that the cap is inert. The cap is painted black.</p> <p>The Cap, Blasting Electric M6 (DODIC M130) is used for initiating high explosives with a blasting machine or other suitable source of electric power. The M6 Electric Blasting Cap is capable of detonating all standard military explosives. This blasting cap is waterproof and can be used in underwater demolition, and is also used as the detonating element in certain land mine fuzes. The M6 Blasting Cap consists of an aluminum alloy tube containing a compressed charge of RDX or PETN, an immediate charge of lead azide, and an ignition charge. The cap is provided with two shunted (twisted together) plastic-covered copper lead wires, 12 feet in length, that extend through a rubber plug assembly (or rubber and sulfur) into the ignition charge where they are connected with a bridge wire.</p> <p>The Charge, Demolition Shaped M3 Series 40-Pound (DODIC M421) is used for penetrating metal, concrete, earth or other materials. This charge consists of approximately 30 lbs. of 50/50 pentolite or 28.3 lbs. of Composition B with a 1.7 lbs. 50/50-pentolite booster. The explosive charge is enclosed in a sheet steel container with a metal cavity liner and a detachable standoff frame assembly. The standoff frame assembly has three legs and is about 15 inches tall.</p> <p>The Cord, Detonating, PETN Type I Class E (DODIC M456) is used to prime and detonate single or multiple explosive charges simultaneously. Detonating cord alone functions as an explosive charge. It is particularly useful for initiating charges placed in wet boreholes or underwater. Detonating cord consists of a core of high explosives (PETN) wrapped in a reinforced and waterproof olive drab plastic coating. Detonating cord is functional in the same temperature ranges as plastic explosive, although the cover becomes brittle at lower temperatures.</p> <p>The Charge Demolition Explosive Sheet, 38 ft (DODIC M980) is used in general demolition as a cutting or breaching charge. M980 permits pinpoint metal cutting with minimum explosive loading. The sheet can be cut to provide the length of charge needed.</p> <p>The Charge, Demolition Explosive sheet, 9ft (DODIC M986) is used in general demolition as a cutting or breaching charge. M986 permits pinpoint metal cutting with minimum explosive loading. The sheet can be cut to provide the length of charge needed.</p> <p>The Firing Device, Demolition Multi-Purpose M142 (DODIC ML03) is intended for use with antipersonnel mines and when setting up booby-traps using demolition charges. The device provides a simple means of mechanical initiation of booby trap by pressure, pull, pressure release, or tension release. The basic component of the device is a mechanical switch designed for actuation by pressure, pull, pressure release, or tension release. The device consists of several components. The switch consists of a plastic housing containing the mechanical apparatus, 50 feet of trip wire wound on a plastic or cardboard spool, the tension release attachment, a specially formed steel wire that has a spring action, an instruction sheet, and the coupling body that contains the explosive initiating element.</p> <p>The Cutter, High Explosive MK24 Mod 0 (DODIC ML05) is a larger version of the MK23 (ML04) that is 5.75in in length with a diameter of 2.88in used for cutting or disrupting techniques against ordnance items. The charge consists of a plastic case, stand, and a metal sight. The main charge is 70/30 octol. The charge can be set up for electrical or non-electrical initiation using standard blasting caps.</p> <p>M6A1 Bradley Reactive Armor Tiles (BRAT), (DODIC ML98) consisting of part number 13004403 for V/S w/LF-2 and are to be used on the Assault Breacher Vehicle (ABV).</p> <p>The Charge, Demolition Flexible Linear Shaped 300 Grains Per Foot (DODIC MM24) is designed for fast and reliable cutting of materials. DODIC MM24 will cut steel up to 0.18-inches thick or aluminum up to 0.39-inches thick. MM24 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.</p> <p>The Charge, Demolition Flexible Linear Shaped 40 Grains Per Foot (DODIC MM42) is designed for fast and reliable cutting of materials. The DODIC MM42 will cut steel up to 0.05 inches thick, or aluminum up to 0.14 inches thick. MM42 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.</p> <p>The Charge, Demolition Flexible Linear Shaped 75 Grains Per Foot (DODIC MM44) is designed for fast and reliable cutting of materials. The DODIC MM44 will cut steel up to 0.10-inches thick or aluminum up to 0.16-inches thick. The DODIC MM44 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.</p>		

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition		<b>P-1 Line Item Nomenclature:</b> 1500 - Demolition Munitions, All Types
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>The Charge, Demolition Flexible Linear Shaped 125 Grains Per Foot (DODIC MM45) is designed for fast and reliable cutting of materials. DODIC MM45 will cut steel up to 0.13-inches thick, or aluminum up to 0.21-inches thick. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action. The charge contains 125 grains per foot of CH-6. The lead sheathing is blue/gray in color and is 6-feet long.</p> <p>The Charge, Demolition Flexible Linear Shaped 225 Grains Per Foot (DODIC MM46) is designed for fast and reliable cutting of materials. The DODIC MM46 will cut steel up to 0.18-inches thick, or aluminum up to 0.31-inches thick. MM46 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.</p> <p>The Charge, Demolition Flexible Linear Shaped 400 Grains Per Foot (DODIC MM47) is designed for fast and reliable cutting of materials. The DODIC MM47 will cut steel up to 0.20-inches thick or aluminum up to 0.41-inches thick. MM47 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.</p> <p>The Charge, Demolition Flexible Linear Shaped 600 Grains Per Foot (DODIC MM48) is designed for fast and reliable cutting of materials. The DODIC MM48 will cut steel up to 0.27-inches thick or aluminum up to 0.46-inches thick. MM48 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.</p> <p>The Charge, Demolition Low Hazard MK143 Mod 0 600 Grains Per Foot (DODIC MM51) is a continuous explosive core of plastic bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 600 grains per foot of a commercial plastic bonded explosive.</p> <p>The Charge, Demolition Low Hazard MK144 Mod 0 1200 Grains Per Foot (DODIC MM52) is a continuous explosive core of plastic bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 1200 grains per foot of a commercial plastic bonded explosive.</p> <p>The Charge, Demolition Low Hazard MK145 Mod 0 2400 Grains Per Foot (DODIC MM53) is a continuous explosive core of plastic-bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 2400 grains per foot of a commercial plastic bonded explosive.</p> <p>The Charge, Demolition Low Hazard Mk149 Mod 0 5400 Grains Per Foot (DODIC MM54) is a continuous explosive core of plastic bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 5400 grains per foot of a commercial plastic bonded explosive.</p> <p>The Canine Explosive Scent Kit (DODIC MN01) is composed of different samples of common explosives used to train dogs to detect explosives. The samples are packaged in individual containers. The types of explosives can vary based on the type of training being conducted. These samples may be of dynamite, time-safety fuze, C4, TNT, detonating cord, smokeless powder, and water gel explosive.</p> <p>The Igniter, Time Blasting Fuse M81 (DODIC MN08) is a pull-type assembly used to initiate time blasting fuse and shock-tube assemblies. The M81 is almost identical to the older M60 fuse igniter (DODIC M766), except that the M81 is more powerful and has a screw-end cap with a green shipping plug and a silicon shock-tube reducer. The cap allows the M81 to accommodate either the thin shock-tube or standard-diameter time blasting fuse. It may be used under all weather conditions.</p> <p>The Firing Device, Demolition, Delay type, M147 (DODIC MN11) is intended for use with antipersonnel mines and when setting up booby-traps using demolition charges. The device provides a simple means of initiation of booby-traps. It is electronic and can be set to fire between 5 minutes to 30 days.</p>		

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy	<b>Date:</b> February 2012
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition	<b>P-1 Line Item Nomenclature:</b> 1500 - Demolition Munitions, All Types
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>The Firing Device, Handheld (Inert) MK 54 MOD 0 (DODIC MN14) consists of two stainless steel cylindrical assemblies connected by a trigger mechanism. A secondary safety pin is inserted through the assemblies. The firing ends of the assemblies are internally threaded to receive the applicable pyrotechnic lead initiator. Each assembly contains a spring-loaded firing pin that can be recocked by the sear lever on the trigger mechanism.</p> <p>The Detonator, Non-Electric MK154 (DODIC MN52) is used in place of the M7 Non-Electric Blasting Cap or the M6 Electric Blasting Cap. It is used where a non-electric waterproof application is desired. The system consists of a dual non-fragmenting 100-foot, co-extruded, olive drab, plastic polyethylene pyrotechnic lead containing less than 0.1 grains per foot of HMX with two factory crimped M7 Detonators.</p> <p>The Booster, Demolition Charge, M152, (DODIC MN69) begin with five grain per foot PETN detonation cord that is figure-eight coiled and integrated to a booster charge containing 13.5 grains of PETN. The assemblies have J-hooks for fast, secure, and reliable connection to detonating cords.</p> <p>The Cord, Detonating 100 Grains per Foot (DODIC MU42) is designed as a detonating agent, a priming agent, or as an explosive charge. The DODIC MU42 is a commercial product and is coated with a clear polyethylene waterproof coating. The pentaerythritol tetranitrate (PETN) explosive core has an average detonating rate of 27,200 feet per second.</p> <p>FY13 Overseas Contingency Operations Request (OCO)</p> <p>DODIC M130, \$1.391. Lack of funding to replace training expenditures will further erode the USMC's WRMR and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.</p>		

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Demolition Munitions, All Types (See enclosed P-40A)	P40A, P5A				10,016.826			22.953			30.617			2.047			1.391			3.438
<b>Total Gross/Weapon System Cost</b>					<b>10,016.826</b>			<b>22.953</b>			<b>30.617</b>			<b>2.047</b>			<b>1.391</b>			<b>3.438</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

**Justification:**

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types						Aggregated Item Name: Demolition Munitions, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
1) AA62 12-GAUGE EOD MK 274 MOD 0 UV SLUG																			
† 1.1) AA62 COMPLETE ROUND	A	-	-	-	-	-	-	4.05	666,666	2.700	-	-	-	-	-	-	-	-	-
Subtotal 1) AA62 12-GAUGE EOD MK 274 MOD 0 UV SLUG				0.000			0.000			2.700			0.000			0.000			0.000
2) DWFP CAP, BLASTING, ELECT, MK17 MOD1																			
† 2.1) DWFP COMPLETE ROUND	A	-	-	0.194	37.20	49,597	1.845	-	-	-	-	-	-	-	-	-	-	-	-
2.2) DWFP PRODUCTION ENGINEERING	A	-	-	0.006	-	-	0.064	-	-	-	-	-	-	-	-	-	-	-	-
2.3) DWFP ACCEPTANCE TESTING	A	-	-	-	-	-	0.104	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) DWFP CAP, BLASTING, ELECT, MK17 MOD1				0.200			2.013			0.000			0.000			0.000			0.000
3) DWDN Light Weight Disposable Disrupter																			
† 3.1) DWDN HARDWARE COST	A	-	-	-	-	-	-	-	-	-	154.57	1,145	0.177	-	-	-	154.57	1,145	0.177
3.2) DWDN ACQUISITION/ PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	-	-	-	0.042	-	-	-	-	-	0.042
3.3) DWDN LOT ACCEPTANCE TESTING	A	-	-	-	-	-	-	-	-	-	-	-	0.042	-	-	-	-	-	0.042
Subtotal 3) DWDN Light Weight Disposable Disrupter				0.000			0.000			0.000			0.261			0.000			0.261
4) DWGB POWDER BAG, SMOKELESS																			
† 4.1) DWGB COMPLETE ROUND	A	-	-	-	-	-	-	21.00	9,857	0.207	-	-	-	-	-	-	-	-	-
Subtotal 4) DWGB POWDER BAG, SMOKELESS				0.000			0.000			0.207			0.000			0.000			0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types							Aggregated Item Name: Demolition Munitions, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
5) M024 CHG DEMO BLOCK PETN																			
5.1) M024 UNECONOMICAL BUY	A	-	-	-	-	-	-	-	-	0.049	-	-	-	-	-	-	-	-	-
Subtotal 5) M024 CHG DEMO BLOCK PETN				0.000			0.000			0.049			0.000			0.000			0.000
6) M039 CHARGE, DEMO 40 LB CRATERING																			
† 6.1) M039 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	3.233	-	-	-	405.93	1,187	0.482	-	-	-	-	-	-	-	-	-
† 6.2) M039 COMP B TYPE I GRADE A (LB)	A	-	-	5.748	-	-	-	19.93	43,251	0.862	-	-	-	-	-	-	-	-	-
† 6.3) M039 ALUMINUM POWDER FLAKED (LB)	A	-	-	0.155	-	-	-	2.69	12,639	0.034	-	-	-	-	-	-	-	-	-
† 6.4) M039 COMP D-2 (LB)	A	-	-	0.461	-	-	-	22.01	2,999	0.066	-	-	-	-	-	-	-	-	-
6.5) M039 PRODUCTION ENGINEERING	A	-	-	0.248	-	-	-	-	-	0.056	-	-	-	-	-	-	-	-	-
Subtotal 6) M039 CHARGE, DEMO 40 LB CRATERING				9.845			0.000			1.500			0.000			0.000			0.000
7) M130 CAP, BLASTING, ELECTRIC																			
† 7.1) M130 COMPLETE ROUND	A	-	-	-	-	-	-	25.38	36,131	0.917	-	-	0.000	26.02	48,424	1.260	26.02	48,424	1.260
7.2) M130 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.059	-	-	0.000	-	-	0.131	-	-	0.131
7.3) M130 QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
7.4) M130 FIRST ARTICLE TEST	A	-	-	-	-	-	-	-	-	0.023	-	-	-	-	-	-	-	-	-
Subtotal 7) M130 CAP, BLASTING, ELECTRIC				0.000			0.000			1.000			0.000			1.391			1.391



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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types							Aggregated Item Name: Demolition Munitions, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
8) M421 CHARGE, DEMO SHAPED 40 LB																			
† 8.1) M421 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	0.407	747.00	6,535	4.882	778.03	1,288	1.002	787.01	1,159	0.912	-	-	-	787.01	1,159	0.912
† 8.2) M421 COMP B TYPE I GRADE A (LB)	A	-	-	0.022	2.54	202,756	0.515	18.84	39,968	0.753	19.47	36,004	0.701	-	-	-	19.47	36,004	0.701
8.3) M421 GOVERNMENT FURNISHED MATERIAL - COMP B TYPE I GRADE A	A	-	-	9,999.000	-	-	-0.515	-	-	-0.753	-	-	-	-	-	-	-	-	-
† 8.4) M421 COMP A-3	A	-	-	-	2.37	844	0.002	2.37	147	-	2.37	132	-	-	-	-	2.37	132	-
8.5) M421 GOVERNMENT FURNISHED MATERIAL COMP A-3	A	-	-	-	-	-	-0.002	-	-	-	-	-	-	-	-	-	-	-	-
8.6) M421 PRODUCTION ENGINEERING	A	-	-	0.092	-	-	0.169	-	-	0.094	-	-	0.090	-	-	-	-	-	0.090
8.7) M421 QUALITY ASSURANCE	A	-	-	-	-	-	0.008	-	-	0.001	-	-	0.001	-	-	-	-	-	0.001
8.8) M421 REMAINDER	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 8) M421 CHARGE, DEMO SHAPED 40 LB				9,999.521			5.059			1.097			1.704			0.000			1.704
9) M456 CORD, DETONATING, PETN																			
† 9.1) M456 COMPLETE ROUND	A	-	-	-	-	-	-	0.58	6,639,655	3.851	-	-	-	-	-	-	-	-	-
9.2) M456 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.147	-	-	-	-	-	-	-	-	-
9.3) M456 QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-
Subtotal 9) M456 CORD, DETONATING, PETN				0.000			0.000			4.000			0.000			0.000			0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types						Aggregated Item Name: Demolition Munitions, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
10) M980 CHG, DEMO EXPLOSIVE SHEET 38FT																			
† 10.1) M980 COMPLETE ROUND	A	-	-	-	-	-	-	26.32	25,380	0.668	-	-	-	-	-	-	-	-	-
10.2) M980 PRODUCTION ENGINEERING	A	-	-	0.104	-	-	-	-	-	0.206	-	-	-	-	-	-	-	-	-
10.3) M980 QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-
10.4) M980 FIRST ARTICLE TEST	A	-	-	-	-	-	-	-	-	0.021	-	-	-	-	-	-	-	-	-
Subtotal 10) M980 CHG, DEMO EXPLOSIVE SHEET 38FT				0.104			0.000			0.897			0.000			0.000			0.000
11) M986 CHG, DEMO SHEET, 9FT PETN																			
† 11.1) M986 COMPLETE ROUND	A	-	-	0.383	-	-	-	228.90	1,529	0.350	-	-	-	-	-	-	-	-	-
11.2) M986 PRODUCTION ENGINEERING	A	-	-	0.017	-	-	-	-	-	0.005	-	-	-	-	-	-	-	-	-
11.3) M986 QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-
11.4) M986 FIRST ARTICLE TEST	A	-	-	-	-	-	-	-	-	0.043	-	-	-	-	-	-	-	-	-
Subtotal 11) M986 CHG, DEMO SHEET, 9FT PETN				0.400			0.000			0.400			0.000			0.000			0.000
12) ML03 FIRING DEVICE, DEMO, M142																			
† 12.1) ML03 COMPLETE ROUND	A	-	-	-	-	-	-	36.61	24,092	0.882	-	-	-	-	-	-	-	-	-
12.2) ML03 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.118	-	-	-	-	-	-	-	-	-
Subtotal 12) ML03 FIRING DEVICE, DEMO, M142				0.000			0.000			1.000			0.000			0.000			0.000

**UNCLASSIFIED**

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types						Aggregated Item Name: Demolition Munitions, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
13) ML98 TILE, ARMOR XM/M6 M6E1/A1																			
† 13.1) ML98 COMPLETE ROUND	A	-	-	-	-	-	-	2,373.00	843	2.000	-	-	-	-	-	-	-	-	-
Subtotal 13) ML98 TILE, ARMOR XM/M6 M6E1/A1				0.000			0.000			2.000			0.000			0.000			0.000
14) MM42 CHARGE, DEMO FLSC 40 GR/ FT																			
† 14.1) MM42 COMPLETE ROUND	A	-	-	0.114	72.67	34,884	2.535	-	-	-	-	-	-	-	-	-	-	-	-
14.2) MM42 PRODUCTION ENGINEERING	A	-	-	0.002	-	-	0.102	-	-	-	-	-	-	-	-	-	-	-	-
14.3) MM42 ACCEPTANCE TESTING	A	-	-	0.014	-	-	0.113	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 14) MM42 CHARGE, DEMO FLSC 40 GR/FT				0.130			2.750			0.000			0.000			0.000			0.000
15) MM44 CHARGE, DEMO FLSC 75 GR/ FT																			
† 15.1) MM44 COMPLETE ROUND	A	-	-	0.087	72.67	18,907	1.374	-	-	-	-	-	-	-	-	-	-	-	-
15.2) MM44 PRODUCTION ENGINEERING	A	-	-	0.002	-	-	0.020	-	-	-	-	-	-	-	-	-	-	-	-
15.3) MM44 ACCEPTANCE TESTING	A	-	-	0.011	-	-	0.106	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 15) MM44 CHARGE, DEMO FLSC 75 GR/FT				0.100			1.500			0.000			0.000			0.000			0.000
16) MM48 CHARGE, DEMO FLSC 600 GR/ FT																			
† 16.1) MM48 COMPLETE ROUND	A	-	-	-	80.06	18,286	1.464	-	-	-	-	-	-	-	-	-	-	-	-
16.2) MM48 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.020	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types						Aggregated Item Name: Demolition Munitions, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
16.3) MM48 ACCEPTANCE TESTING	A	-	-	-	-	-	0.100	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 16) MM48 CHARGE, DEMO FLSC 600 GR/FT				0.000			1.584			0.000			0.000			0.000			0.000
17) MM51 CHARGE, DEMO FLSC 600 GR/ FT																			
† 17.1) MM51 COMPLETE ROUND	A	-	-	-	-	-	-	16.93	86,415	1.463	-	-	-	-	-	-	-	-	-
17.2) MM51 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.058	-	-	-	-	-	-	-	-	-
17.3) MM51 ACCEPTANCE TESTING	A	-	-	-	-	-	-	-	-	0.834	-	-	-	-	-	-	-	-	-
Subtotal 17) MM51 CHARGE, DEMO FLSC 600 GR/FT				0.000			0.000			2.355			0.000			0.000			0.000
18) MM52 CHARGE, DEMO FLSC 1200 GR/FT																			
† 18.1) MM52 COMPLETE ROUND	A	-	-	0.244	23.99	206,628	4.957	33.47	28,473	0.953	-	-	-	-	-	-	-	-	-
18.2) MM52 PRODUCTION ENGINEERING	A	-	-	0.009	-	-	0.177	-	-	0.019	-	-	-	-	-	-	-	-	-
18.3) MM52 ACCPTANCE TESTING	A	-	-	0.147	-	-	0.192	-	-	0.028	-	-	-	-	-	-	-	-	-
Subtotal 18) MM52 CHARGE, DEMO FLSC 1200 GR/FT				0.400			5.326			1.000			0.000			0.000			0.000
19) MM53 CHARGE, DEMO FLSC 2400 GR/FT																			
† 19.1) MM53 COMPLETE ROUND	A	-	-	0.302	-	-	-	33.59	41,233	1.385	-	-	-	-	-	-	-	-	-
19.2) MM53 PRODUCTION ENGINEERING	A	-	-	0.008	-	-	-	-	-	0.038	-	-	-	-	-	-	-	-	-
19.3) MM53 ACCEPTANCE TESTING	A	-	-	0.090	-	-	-	-	-	0.408	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy													Date: February 2012						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types						Aggregated Item Name: Demolition Munitions, All Types						
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Subtotal 19) MM53 CHARGE, DEMO FLSC 2400 GR/FT				0.400			0.000			1.831			0.000			0.000			0.000
20) MM54 CHARGE, DEMO FLSC 5400 GR/FT																			
† 20.1) MM54 COMPLETE ROUND	A	-	-	0.169	-	-	-	54.78	34,063	1.866	-	-	-	-	-	-	-	-	-
20.2) MM54 PRODUCTION ENGINEERING	A	-	-	0.004	-	-	-	-	-	0.044	-	-	-	-	-	-	-	-	-
20.3) MM54 ACCEPTANCE TESTING	A	-	-	0.027	-	-	-	-	-	0.290	-	-	-	-	-	-	-	-	-
Subtotal 20) MM54 CHARGE, DEMO FLSC 5400 GR/FT				0.200			0.000			2.200			0.000			0.000			0.000
21) MN01 SCENT KIT, EXPL DETECT DOG																			
† 21.1) MN01 COMPLETE ROUND	A	-	-	0.006	-	-	-	1,233.33	30	0.037	1,285.71	14	0.018	-	-	-	1,285.71	14	0.018
21.2) MN01 PRODUCTION ENGINEERING	A	-	-	0.029	-	-	-	-	-	0.199	-	-	0.064	-	-	-	-	-	0.064
Subtotal 21) MN01 SCENT KIT, EXPL DETECT DOG				0.035			0.000			0.236			0.082			0.000			0.082
22) MN08 IGNITER, TIME, BLAST M81																			
† 22.1) MN08 COMPLETE ROUND	A	-	-	-	-	-	-	6.47	608,501	3.937	-	-	-	-	-	-	-	-	-
Subtotal 22) MN08 IGNITER, TIME, BLAST M81				0.000			0.000			3.937			0.000			0.000			0.000
23) MN14 DUAL FIRING DEVICE MK54																			
† 23.1) MN14 COMPLETE ROUND	A	-	-	-	-	-	-	76.43	19,534	1.493	-	-	-	-	-	-	-	-	-
23.2) MN14 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.307	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types						Aggregated Item Name: Demolition Munitions, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Subtotal 23) MN14 DUAL FIRING DEVICE MK54				0.000			0.000			1.800			0.000			0.000			0.000
24) MN52 DETONATOR, NON- ELECTRIC MK154																			
† 24.1) MN52 COMPLETE ROUND	A	-	-	5.022	49.26	93,626	4.612	50.78	37,062	1.882	-	-	-	-	-	-	-	-	-
24.2) MN52 PRODUCTION ENGINEERING	A	-	-	0.069	-	-	0.061	-	-	0.026	-	-	-	-	-	-	-	-	-
Subtotal 24) MN52 DETONATOR, NON- ELECTRIC MK154				5.091			4.673			1.908			0.000			0.000			0.000
25) MN69 BOOSTER, DEMO CHG, M152																			
† 25.1) MN69 COMPLETE ROUND	A	-	-	0.400	-	-	-	7.93	25,221	0.200	-	-	-	-	-	-	-	-	-
25.2) MN69 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.048	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 25) MN69 BOOSTER, DEMO CHG, M152				0.400			0.048			0.200			0.000			0.000			0.000
26) MU42 CORD, DET, 100 GRNS PER FT																			
† 26.1) MU42 COMPLETE ROUND	A	-	-	-	-	-	-	0.13	2,307,692	0.300	-	-	-	-	-	-	-	-	-
Subtotal 26) MU42 CORD, DET, 100 GRNS PER FT				0.000			0.000			0.300			0.000			0.000			0.000
Total				10,016.826			22.953			30.617			2.047			1.391			3.438
Remarks:																			

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types					Aggregated Item Name: Demolition Munitions, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) AA62 12-GAUGE EOD MK 274 MOD 0 UV SLUG												
1.1) AA62 COMPLETE ROUND		2012	L-TECH ENT / EUBANK, KY	C / TBD	CRANE, CRANE, IN	Mar 2012	Jun 2012	419,753	4.05	Y		
1.1) AA62 COMPLETE ROUND	✓	2012	L-TECH ENT / EUBANK, KY	C / TBD	CRANE, CRANE, IN	Mar 2012	Jun 2012	246,913	4.05	Y		
2) DWFP CAP, BLASTING, ELECT, MK17 MOD1												
2.1) DWFP COMPLETE ROUND		2010	STRESAU LABS / SPOONER. WI	TBD	CRANE, CRANE, IN	Sep 2012	Dec 2012	5,088	38.13	Y		
2.1) DWFP COMPLETE ROUND		2011	STRESAU LABS / SPOONER. WI	TBD	CRANE, CRANE, IN	Sep 2013	Dec 2013	49,597	37.20	Y		
3) DWDN Light Weight Disposable Disrupter												
3.1) DWDN HARDWARE COST		2013	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	C / TBD	CRANE, CRANE, IN	Sep 2013	Sep 2014	1,145	154.57	Y		
4) DWGB POWDER BAG, SMOKELESS												
4.1) DWGB COMPLETE ROUND		2012	STRESAU LABS / SPOONER. WI	C / TBD	CRANE, CRANE, IN	Mar 2012	Jun 2012	9,857	21.00	Y		
6) M039 CHARGE, DEMO 40 LB CRATERING												
6.1) M039 LOAD, ASSEMBLE AND PACK (LAP)		2010	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL, IL	May 2010	Aug 2011	8,633	374.49	Y		
6.1) M039 LOAD, ASSEMBLE AND PACK (LAP)		2012	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Jun 2013	1,187	405.93	Y		
6.2) M039 COMP B TYPE I GRADE A (LB)		2010	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Sep 2011	289,718	19.84	Y		
6.2) M039 COMP B TYPE I GRADE A (LB)		2012	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Mar 2013	43,251	19.93	Y		
6.3) M039 ALUMINUM POWDER FLAKED (LB)		2010	AMPAL INC / FLEMINGTON, NJ	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2010	Dec 2010	91,716	1.69	Y		
6.3) M039 ALUMINUM POWDER FLAKED (LB)		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Mar 2013	12,639	2.69	Y		
6.4) M039 COMP D-2 (LB)		2010	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	May 2010	Aug 2010	21,807	21.14	Y		
6.4) M039 COMP D-2 (LB)		2012	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Mar 2013	2,999	22.01	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types					Aggregated Item Name: Demolition Munitions, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
7) M130 CAP, BLASTING, ELECTRIC												
7.1) M130 COMPLETE ROUND		2012	R. Stresau Laboratory Inc / Spooner, wi	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Mar 2013	36,131	25.38	Y		
7.1) M130 COMPLETE ROUND	✓	2013	R. Stresau Laboratory Inc / Spooner, wi	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Mar 2014	48,424	26.02	Y		
8) M421 CHARGE, DEMO SHAPED 40 LB												
8.1) M421 LOAD, ASSEMBLE AND PACK (LAP)		2010	DAY &ZIMMERMANN, INC. / PARSONS, KS	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2010	Dec 2011	297	1,370.30	Y		
8.1) M421 LOAD, ASSEMBLE AND PACK (LAP)		2011	DAY &ZIMMERMANN, INC. / PARSONS, KS	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2011	Jun 2012	6,535	747.00	Y		
8.1) M421 LOAD, ASSEMBLE AND PACK (LAP)		2012	DAY &ZIMMERMANN, INC. / PARSONS, KS	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Jun 2013	1,288	778.03	Y		
8.1) M421 LOAD, ASSEMBLE AND PACK (LAP)		2013	DAY &ZIMMERMANN, INC. / PARSONS, KS	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Jun 2014	1,159	787.01	Y		
8.2) M421 COMP B TYPE I GRADE A (LB)		2010	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	ROCK ISLAND ARSENAL, IL	Sep 2012	Sep 2012	9,283	2.37	Y		
8.2) M421 COMP B TYPE I GRADE A (LB)		2011	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	ROCK ISLAND ARSENAL, IL	Sep 2013	Sep 2013	202,756	2.54	Y		
8.2) M421 COMP B TYPE I GRADE A (LB)		2012	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	ROCK ISLAND ARSENAL, IL	Sep 2013	Sep 2013	39,968	18.84	Y		
8.2) M421 COMP B TYPE I GRADE A (LB)		2013	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Apr 2013	Apr 2014	36,004	19.47	Y		
8.4) M421 COMP A-3		2011	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	** NO PCO **	Mar 2011	Mar 2011	844	2.37	Y		
8.4) M421 COMP A-3		2012	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	** NO PCO **	Mar 2012	Mar 2012	147	2.37	Y		
8.4) M421 COMP A-3		2013	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	** NO PCO **	Mar 2013	Mar 2013	132	2.37	Y		
9) M456 CORD, DETONATING, PETN												
9.1) M456 COMPLETE ROUND		2012	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Dec 2012	1,467,241	0.58	Y		
9.1) M456 COMPLETE ROUND	✓	2012	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Dec 2012	5,172,414	0.58	Y		
10) M980 CHG, DEMO EXPLOSIVE SHEET 38FT												



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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types					Aggregated Item Name: Demolition Munitions, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
10.1) M980 COMPLETE ROUND		2012	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Dec 2012	25,380	26.32	Y		
11) M986 CHG, DEMO SHEET, 9FT PETN												
11.1) M986 COMPLETE ROUND		2010	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	ROCK ISLAND ARSENAL, IL	Apr 2010	Jan 2011	4,716	81.21	Y		
11.1) M986 COMPLETE ROUND		2012	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Dec 2012	1,529	228.90	Y		
12) ML03 FIRING DEVICE, DEMO, M142												
12.1) ML03 COMPLETE ROUND		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2012	Nov 2013	24,092	36.61	Y		
13) ML98 TILE, ARMOR XM/M6 M6E1/A1												
13.1) ML98 COMPLETE ROUND		2012	SHOCK TUBE INC / NOOSUP, CT	C / TBD	CRANE, CRANE, IN	Sep 2012	May 2013	843	2,373.00	Y		
14) MM42 CHARGE, DEMO FLSC 40 GR/FT												
14.1) MM42 COMPLETE ROUND		2010	TO BE SELECTED / UNKNOWN	C / IDDQ	CRANE, CRANE, IN	Mar 2012	Mar 2013	1,616	70.53	Y		
14.1) MM42 COMPLETE ROUND		2011	TO BE SELECTED / UNKNOWN	C / IDDQ	CRANE, CRANE, IN	Aug 2012	Aug 2013	34,884	72.67	Y		
15) MM44 CHARGE, DEMO FLSC 75 GR/FT												
15.1) MM44 COMPLETE ROUND		2010	TO BE SELECTED / UNKNOWN	C / IDIQ	CRANE, CRANE, IN	Mar 2012	Mar 2013	1,197	72.67	Y		
15.1) MM44 COMPLETE ROUND		2011	TO BE SELECTED / UNKNOWN	C / IDIQ	CRANE, CRANE, IN	May 2012	May 2013	18,907	72.67	Y		
16) MM48 CHARGE, DEMO FLSC 600 GR/FT												
16.1) MM48 COMPLETE ROUND		2011	TO BE SELECTED / UNKNOWN	C / IDIQ	CRANE, CRANE, IN	May 2012	May 2013	18,286	80.06	Y		
17) MM51 CHARGE, DEMO FLSC 600 GR/FT												
17.1) MM51 COMPLETE ROUND		2012	TO BE SELECTED / UNKNOWN	C / TBD	CRANE, CRANE, IN	Mar 2012	Mar 2013	53,692	16.93	Y		
17.1) MM51 COMPLETE ROUND	✓	2012	TO BE SELECTED / UNKNOWN	C / TBD	CRANE, CRANE, IN	Mar 2012	Mar 2013	32,723	16.93	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types					Aggregated Item Name: Demolition Munitions, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
18) MM52 CHARGE, DEMO FLSC 1200 GR/FT												
18.1) MM52 COMPLETE ROUND		2010	ENSIGN BICKFORD / GRAHAM, KY	SS / FP	CRANE, CRANE, IN	Mar 2010	Sep 2010	10,146	24.05	Y		
18.1) MM52 COMPLETE ROUND	✓	2011	ENSIGN BICKFORD / GRAHAM, KY	SS / FP	CRANE, CRANE, IN	Oct 2011	Apr 2012	206,628	23.99	Y		
18.1) MM52 COMPLETE ROUND		2012	ENSIGN BICKFORD / GRAHAM, KY	C / TBD	** NO PCO **	Mar 2012	Sep 2012	28,473	33.47	Y		
19) MM53 CHARGE, DEMO FLSC 2400 GR/FT												
19.1) MM53 COMPLETE ROUND		2010	ENSIGN BICKFORD / SIMSBURY, CT	C / IDIQ	CRANE, CRANE, IN	Mar 2010	Dec 2010	9,639	31.33	Y		
19.1) MM53 COMPLETE ROUND		2012	ENSIGN BICKFORD / SIMSBURY, CT	C / IDDQ	CRANE, CRANE, IN	Mar 2012	Dec 2012	23,132	33.59	Y		
19.1) MM53 COMPLETE ROUND	✓	2012	ENSIGN BICKFORD / SIMSBURY, CT	C / IDIQ	CRANE, CRANE, IN	Mar 2012	Dec 2012	18,101	33.59	Y		
20) MM54 CHARGE, DEMO FLSC 5400 GR/FT												
20.1) MM54 COMPLETE ROUND		2010	ENSIGN BICKFORD / SIMSBURY, CT	C / IDIQ	CRANE, CRANE, IN	Mar 2010	Dec 2010	3,388	49.88	Y		
20.1) MM54 COMPLETE ROUND		2012	ENSIGN BICKFORD / SIMSBURY, CT	C / IDIQ	CRANE, CRANE, IN	Mar 2012	Dec 2012	18,857	54.78	Y		
20.1) MM54 COMPLETE ROUND	✓	2012	ENSIGN BICKFORD / SIMSBURY, CT	C / IDIQ	CRANE, CRANE, IN	Mar 2012	Dec 2012	15,206	54.78	Y		
21) MN01 SCENT KIT, EXPL DETECT DOG												
21.1) MN01 COMPLETE ROUND		2010	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	C / FP	CRANE, CRANE, IN	Mar 2011	Dec 2011	5	1,200.00	Y		
21.1) MN01 COMPLETE ROUND		2012	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	C / FP	CRANE, CRANE, IN	Mar 2012	Dec 2012	30	1,233.33	Y		
21.1) MN01 COMPLETE ROUND		2013	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	C / TBD	CRANE, CRANE, IN	Mar 2013	Dec 2013	14	1,285.71	Y		
22) MN08 IGNITER, TIME, BLAST M81												
22.1) MN08 COMPLETE ROUND		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Mar 2013	453,941	6.47	Y		
22.1) MN08 COMPLETE ROUND	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Mar 2013	154,560	6.47	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types					Aggregated Item Name: Demolition Munitions, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
23) MN14 DUAL FIRING DEVICE MK54												
23.1) MN14 COMPLETE ROUND		2012	STOCK ISSUE / New MFG - Loc	TBD	CRANE, CRANE, IN	Sep 2013	Sep 2013	19,534	76.43	Y		
24) MN52 DETONATOR, NON- ELECTRIC MK154												
24.1) MN52 COMPLETE ROUND		2010	SHOCK TUBE INC / NOOSUP, CT	SS / FP	CRANE, CRANE, IN	Sep 2010	May 2011	110,544	45.43	Y		
24.1) MN52 COMPLETE ROUND		2011	SHOCK TUBE INC / NOOSUP, CT	SS / FP	CRANE, CRANE, IN	Sep 2011	May 2012	93,626	49.26	Y		
24.1) MN52 COMPLETE ROUND		2012	SHOCK TUBE INC / NOOSUP, CT	SS / FP	CRANE, CRANE, IN	Sep 2012	May 2013	37,062	50.78	Y		
25) MN69 BOOSTER, DEMO CHG, M152												
25.1) MN69 COMPLETE ROUND		2010	SHOCK TUBE SYSTEMS, INC / STERLING, CT	C / FFP	PICATINNY ARSENAL, NJ	Mar 2010	Mar 2011	44,297	9.03	Y		
25.1) MN69 COMPLETE ROUND		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	May 2012	Aug 2013	25,221	7.93	Y		
26) MU42 CORD, DET, 100 GRNS PER FT												
26.1) MU42 COMPLETE ROUND		2012	ENSIGN BICKFORD / SIMSBURY, CT	C / TBD	CRANE, CRANE, IN	Mar 2012	Nov 2012	2,307,692	0.13	Y		
Remarks:												

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy	<b>Date:</b> February 2012
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition	<b>P-1 Line Item Nomenclature:</b> 1625 - Fuze, All Types
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:						Other Related Program Elements:					
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	43.737	14.443	5.297	30.945	36.242	52.107	27.866	5.313	5.314	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	43.737	14.443	5.297	30.945	36.242	52.107	27.866	5.313	5.314	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	43.737	14.443	5.297	30.945	36.242	52.107	27.866	5.313	5.314	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Base Appropriation Request:

The Fuze, Point Detonating (PD) M739/M739A1 (DODIC N340) is the latest improved version of the selective impact fuzes for use with bulk loaded high explosive or burster type projectiles. This fuze is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System. The fuze body is a one-piece design of solid aluminum and has a standard 2-inch threaded base to match the nose and fuze cavity of standard artillery projectiles.

Fuze Electronic Time (DODIC NA17) is used with projectiles carrying payloads that are expelled during projectile flight (airburst). This fuze is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System. It has the capability to be set inductively or manually.

Fuze, Precision Guidance Kit (DODIC NPGK) is used with 155mm projectiles carrying HE (High Explosive) payloads. This fuze is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System.

FY13 Overseas Contingency Operations request (OCO):

The Fuze, Point Detonating (PD) M739/M739A1 (DODIC N340), \$5.057, is the latest improved version of the selective impact fuzes for use with bulk loaded high explosive or burster type projectiles. This fuze is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System. The fuze body is a one-piece design of solid aluminum and has a standard 2-inch threaded base to match the nose and fuze cavity of standard artillery projectiles. Lack of funding to replace training expenditures will further erode the USMC's War Reserve Munitions Requirement (WRMR) and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Fuze, All Types (See enclosed P-40A)	P40A, P5A, P21				0.000			43.737			14.443			5.297			30.945			36.242
<b>Total Gross/Weapon System Cost</b>					-			43.737			14.443			5.297			30.945			36.242

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition		<b>P-1 Line Item Nomenclature:</b> 1625 - Fuze, All Types
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<small>*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.</small>		
<b>Justification:</b>		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1							P-1 Line Item Nomenclature: 1625 - Fuze, All Types							Aggregated Item Name: Fuze, All Types					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) N340 FUZE PD M739A1																			
† 1.1) N340 COMPLETE ROUND	A	-	-	-	70.00	51,586	3.611	78.71	114,140	8.984	80.04	54,635	4.373	80.04	60,132	4.813	80.04	114,767	9.186
1.2) N340 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.733	-	-	0.339	-	-	0.700	-	-	-	-	-	0.700
1.3) N340 ACCEPTANCE TESTING	A	-	-	-	-	-	0.321	-	-	0.425	-	-	0.221	-	-	0.244	-	-	0.465
1.4) N340 QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.002	-	-	0.003	-	-	-	-	-	0.003
1.5) N340 NON-RECURRING	A	-	-	-	-	-	0.097	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) N340 FUZE PD M739A1				0.000			4.762			9.750			5.297			5.057			10.354
2) NA17 FUZE ELECTRONIC TIME M762A1																			
† 2.1) NA17 COMPLETE ROUND	A	-	-	-	244.23	17,557	4.288	244.23	15,162	3.703	-	-	-	-	-	-	-	-	-
2.2) NA17 PRODUCTION ENGINEERING	A	-	-	-	-	-	0.559	-	-	0.675	-	-	-	-	-	-	-	-	-
2.3) NA17 QUALITY ASSURANCE	A	-	-	-	-	-	-	-	-	0.004	-	-	-	-	-	-	-	-	-
2.4) NA17 ACCEPTANCE TESTING	A	-	-	-	-	-	0.240	-	-	0.136	-	-	-	-	-	-	-	-	-
2.5) NA17 NON-RECURRING COSTS	A	-	-	-	-	-	-	-	-	0.175	-	-	-	-	-	-	-	-	-
Subtotal 2) NA17 FUZE ELECTRONIC TIME M762A1				0.000			5.087			4.693			0.000			0.000			0.000
3) NA28 PRECISION GUIDED KIT (NPGK)																			
† 3.1) NA28 COMPLETE FUZE	A	-	-	-	13,541.00	2,292	31.036	-	-	-	-	-	0.000	13,541.00	1,749	23.683	13,541.00	1,749	23.683
3.2) NA28 PRODUCTION ENGINEERING	A	-	-	-	-	-	1.202	-	-	-	-	-	0.000	-	-	0.913	-	-	0.913

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB 2013 Navy															<b>Date:</b> February 2012				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1625 - Fuze, All Types							<b>Aggregated Item Name:</b> Fuze, All Types				

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
3.3) NA28 ACCEPTANCE TESTING	A	-	-	-	-	-	0.410	-	-	-	-	-	0.000	-	-	0.314	-	-	0.314
3.4) NA28 QUALITY ASSURANCE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5) NA28 NON RECURRING COSTS	A	-	-	-	-	-	1.240	-	-	-	-	-	0.000	-	-	0.978	-	-	0.978
<i>Subtotal 3) NA28 PRECISION GUIDED KIT (NPGK)</i>				0.000			33.888			0.000			0.000			25.888			25.888
<b>Total</b>				<b>0.000</b>			<b>43.737</b>			<b>14.443</b>			<b>5.297</b>			<b>30.945</b>			<b>36.242</b>

**Remarks:**



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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1625 - Fuze, All Types					Aggregated Item Name: Fuze, All Types			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) N340 FUZE PD M739A1												
†1.1) N340 COMPLETE ROUND <sup>(1)</sup>	✓	2010	ACTION MANUFACTURING INC / PHILADELPHIA, PA	C / FFP	PICATINNEY ARSENAL	Jul 2010	Nov 2011	200,000	0.00	Y		
†1.1) N340 COMPLETE ROUND		2011	ACTION MANUFACTURING INC / PHILADELPHIA, PA	C / FFP	PICATINNEY ARSENAL	Jul 2011	Mar 2013	51,586	70.00	Y		
†1.1) N340 COMPLETE ROUND		2012	ACTION MANUFACTURING INC / PHILADELPHIA, PA	C / FFP	PICATINNEY ARSENAL	Mar 2012	Aug 2014	51,340	78.71	Y		
†1.1) N340 COMPLETE ROUND	✓	2012	ACTION MANUFACTURING INC / PHILADELPHIA, PA	C / FFP	PICATINNEY ARSENAL	Mar 2012	Mar 2014	62,800	78.71	Y		
†1.1) N340 COMPLETE ROUND		2013	ACTION MANUFACTURING INC / PHILADELPHIA, PA	C / FFP	PICATINNEY ARSENAL	Mar 2013	Mar 2015	54,635	80.04	Y		
†1.1) N340 COMPLETE ROUND	✓	2013	ACTION MANUFACTURING INC / PHILADELPHIA, PA	C / FFP	PICATINNEY ARSENAL	Mar 2013	Jun 2015	60,132	80.04	Y		
2) NA17 FUZE ELECTRONIC TIME M762A1												
†2.1) NA17 COMPLETE ROUND <sup>(2)</sup>	✓	2010	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	PICATINNEY ARSENAL	Mar 2010	Feb 2011	122,000	0.00	Y		
†2.1) NA17 COMPLETE ROUND		2011	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	PICATINNEY ARSENAL	Jul 2011	Mar 2013	17,557	244.23	Y		
†2.1) NA17 COMPLETE ROUND		2012	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	PICATINNEY ARSENAL	Mar 2012	Mar 2014	15,162	244.23	Y		
3) NA28 PRECISION GUIDED KIT (NPGK)												
†3.1) NA28 COMPLETE FUZE <sup>(3)</sup>		2011	ALLIANT TECH SYSTEMS INC / PLYMOUTH, MN	C / FFP	PICATINNEY ARSENAL	Jan 2013	Feb 2014	543	13,541.00	Y		
†3.1) NA28 COMPLETE FUZE <sup>(4)</sup>	✓	2011	ALLIANT TECH SYSTEMS INC / PLYMOUTH, MN	C / FFP	PICATINNEY ARSENAL	Jan 2013	Feb 2014	1,749	13,541.00	Y		
†3.1) NA28 COMPLETE FUZE <sup>(5)</sup>	✓	2013	ALLIANT TECH SYSTEMS INC / PLYMOUTH, MN	C / FFP	PICATINNEY ARSENAL	Jan 2013	Feb 2014	1,749	13,541.00	Y		
Remarks: <sup>(1)</sup> U/C not provided by the Army for N340 Complete Round. All prior year undelivered items are rolled up into this line. <sup>(2)</sup> U/C not provided by the Army for NA17 Complete Round. All prior year undelivered items are rolled up into this line. <sup>(3)</sup> Date of first delivery for NA28 Complete Fuze will not match the Army P-Forms. Army's first delivery is Sep 2013, while the MC's does not start until Feb 2014. <sup>(4)</sup> Date of first delivery for NA28 Complete Fuze will not match the Army P-Forms. Army's first delivery is Sep 2013, while the MC's does not start until Feb 2014. <sup>(5)</sup> Date of first delivery for NA28 Complete Fuze will not match the Army P-Forms. Army's first delivery is Sep 2013, while the MC's does not start until Feb 2014.												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1625 - Fuze, All Types										Aggregated Item Name: Fuze, All Types																
COST ELEMENTS Units in Thousands							Fiscal Year 2011										Fiscal Year 2012																			
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2011																			Calendar Year 2012										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						
1) N340 FUZE PD M739A1																																				
1.1) N340 COMPLETE ROUND																																				
✓	55	2010	NAVY <sup>(6)</sup>	200	0	200	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	25	-	25	-	25	-	25	-	25	-	50				
	55	2011	NAVY	51.59	0	51.59	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.59				
	55	2012	NAVY <sup>(7)</sup>	51.34	0	51.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	51.34				
✓	55	2012	NAVY <sup>(8)</sup>	62.8	0	62.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	62.8				
	55	2013	NAVY	54.64	0	54.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.64				
✓	55	2013	NAVY	60.13	0	60.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.13				
2) NA17 FUZE ELECTRONIC TIME M762A1																																				
2.1) NA17 COMPLETE ROUND																																				
✓	56	2010	NAVY	122	0	122	-	-	-	-	122																									
	56	2011	NAVY	17.56	0	17.56	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.56				
	56	2012	NAVY	15.16	0	15.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	15.16				
3) NA28 PRECISION GUIDED KIT (NPGK)																																				
3.1) NA28 COMPLETE FUZE																																				
	57	2011	NAVY	.543	0	.543	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.543				
✓	57	2011	NAVY	1.749	0	1.749	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.749				
✓	57	2013	NAVY	1.749	0	1.749	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.749				
							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						

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012								
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1625 - Fuze, All Types													Aggregated Item Name: Fuze, All Types								
COST ELEMENTS Units in Thousands							Fiscal Year 2013												Fiscal Year 2014												
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013												Calendar Year 2014												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	
1) N340 FUZE PD M739A1																															
1.1) N340 COMPLETE ROUND																															
✓	55	2010	NAVY <sup>(6)</sup>	200	150	50	-	25	-	25																					
	55	2011	NAVY	51.59	0	51.59	-	-	-	-	-	15	15	15	6.586																
	55	2012	NAVY <sup>(7)</sup>	51.34	0	51.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.06	15	32.28
✓	55	2012	NAVY <sup>(8)</sup>	62.8	0	62.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.24	5.23	5.24	5.23	5.23	5.24	5.23	26.16	
	55	2013	NAVY	54.64	0	54.64	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.64	
✓	55	2013	NAVY	60.13	0	60.13	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.13	
2) NA17 FUZE ELECTRONIC TIME M762A1																															
2.1) NA17 COMPLETE ROUND																															
✓	56	2010	NAVY	122	122	0																									
	56	2011	NAVY	17.56	0	17.56	-	-	-	-	-	17.56																			
	56	2012	NAVY	15.16	0	15.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.16							
3) NA28 PRECISION GUIDED KIT (NPGK)																															
3.1) NA28 COMPLETE FUZE																															
	57	2011	NAVY	.543	0	.543	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	.107	.108	.108	.108	.112					
✓	57	2011	NAVY	1.749	0	1.749	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	.15	.496	.496	.496	.111					
✓	57	2013	NAVY	1.749	0	1.749	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	.15	.496	.496	.496	.111					
							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	

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																				Date: February 2012																
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1										P-1 Line Item Nomenclature: 1625 - Fuze, All Types										Aggregated Item Name: Fuze, All Types																
COST ELEMENTS Units in Thousands							Fiscal Year 2015										Fiscal Year 2016																			
O C O	MFR Ref #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2015																			Calendar Year 2016										
							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					
1) N340 FUZE PD M739A1																																				
1.1) N340 COMPLETE ROUND																																				
✓	55	2010	NAVY <sup>(6)</sup>	200	200	0																														
	55	2011	NAVY	51.59	51.59	0																														
	55	2012	NAVY <sup>(7)</sup>	51.34	19.06	32.28	15	15	2.28																											
✓	55	2012	NAVY <sup>(8)</sup>	62.8	36.64	26.16	5.24	5.23	5.23	5.24	5.22																									
	55	2013	NAVY	54.64	0	54.64	-	-	-	-	-	15	15	15	9.635																					
✓	55	2013	NAVY	60.13	0	60.13	-	-	-	-	-	-	-	-	5.37	15	15	15	9.762																	
2) NA17 FUZE ELECTRONIC TIME M762A1																																				
2.1) NA17 COMPLETE ROUND																																				
✓	56	2010	NAVY	122	122	0																														
	56	2011	NAVY	17.56	17.56	0																														
	56	2012	NAVY	15.16	15.16	0																														
3) NA28 PRECISION GUIDED KIT (NPGK)																																				
3.1) NA28 COMPLETE FUZE																																				
	57	2011	NAVY	.543	.543	0																														
✓	57	2011	NAVY	1.749	1.749	0																														
✓	57	2013	NAVY	1.749	1.749	0																														
							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						

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2013 Navy		<b>Date:</b> February 2012
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1	<b>P-1 Line Item Nomenclature:</b> 1625 - Fuze, All Types	<b>Aggregated Item Name:</b> Fuze, All Types

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	ACTION MANUFACTURING INC - PHILADELPHIA, PA	10	15	25	6	6	24	30	6	6	24	30
2	L-3 FUZING & ORDNANCE SYSTEMS INC - CINCINNATI, OH	10	22	30	6	6	24	30	6	6	24	30
3	ALLIANT TECH SYSTEMS INC - PLYMOUTH, MN	.192	1.1	2.2	6	8	8	16	3	6	7	13

**Remarks:**

‡ Delivery rows marked with the ‡ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

<sup>(6)</sup> Delivery for N340 Complete Round goes beyond 12 months.

<sup>(7)</sup> Delivery for N340 Complete Round goes beyond 12 months.

<sup>(8)</sup> Delivery for N340 Complete Round goes beyond 12 months.

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition							<b>P-1 Line Item Nomenclature:</b> 1628 - Non Lethals					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	2.576	3.424	3.639	1.362	0.008	1.370	7.467	7.971	11.970	12.943	0.000	51.360
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2.576	3.424	3.639	1.362	0.008	1.370	7.467	7.971	11.970	12.943	0.000	51.360
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2.576	3.424	3.639	1.362	0.008	1.370	7.467	7.971	11.970	12.943	0.000	51.360
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Description:</b> Base Appropriation Request:  The Cartridge, 12 Gauge Non-Lethal Point Control M1012 (DODIC AA51) ammunition is intended for use in crowd control situations where non-lethal force is desired. This cartridge is used with the M500, M590, and M870 12-gauge, auto loading, and pump-action shotguns. The transparent plastic sleeve contains a rubber, fin stabilized projectile. This item will replace DODICs AA29 and AA31 for future requirements.  The Cartridge, 40mm XM/M1006, Non-Lethal (Sponge Grenade) (DODIC BA06) is intended for use in scenarios where lethal incapacitating force is not warranted. The cartridge is used in the M203 Grenade Launcher.  The Grenade, 66mm Anti-Riot CS (orthochlorobenzalmalonitrile) L96E1 (DODIC FZ14), is used in the Light Vehicle Obscurant Smoke System (LVOSS). It is comprised of 23 individual canisters remotely fired from the vehicle interior.  The Grenade, Rubber Ball Non-Lethal (DODIC GG04) is used in crowd control situations where non-lethal force is desired. The grenade body is a rubber sphere that contains a fuze well liner and is filled with a minimum of 100 rubber ball fragments.  The Charge, Diversionary, Bottom Top Venting, BTV-1, (DODIC GG20) is a pyrotechnic device (grenade) used for diversionary purposes. The diversionary charge is a low hazard, nonshrapnel producing explosive device that produces intense flash and sound report. This replaces the Charge, Diversionary MK141 Mod 0 (DODIC DWBS) due to safety and reliability concerns.  The Mission Payload Module - Non-Lethal Weapons System (MPM-NLWS) (DODIC MPMN) will provide the war-fighter a non-lethal counter-personnel capability. The system will support missions requiring crowd control, and will deny, defend and control area access while allowing the war-fighter to engage threats at standoff ranges and protect noncombatants.  FY13 Overseas Contingency Operations Request (OCO):  DODIC BA06, FY13 = \$0.008. Lack of funding to replace combat expenditures will further erode the USMC's War Reserve Munitions Requirement stockpile and negatively affect our ability to execute another MCO, if required.												

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy																<b>Date:</b> February 2012					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition												<b>P-1 Line Item Nomenclature:</b> 1628 - Non Lethals									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>									
<b>Item Schedule</b>			<b>Prior Years</b>			<b>FY 2011</b>			<b>FY 2012</b>			<b>FY 2013 Base</b>			<b>FY 2013 OCO</b>			<b>FY 2013 Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	
Non Lethals (See enclosed P-40A)	P40A, P5A				2.576			3.424			3.639			1.362			0.008			1.370	
<b>Total Gross/Weapon System Cost</b>					<b>2.576</b>			<b>3.424</b>			<b>3.639</b>			<b>1.362</b>			<b>0.008</b>			<b>1.370</b>	
<small>*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.</small>																					
<b>Justification:</b>																					



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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1								P-1 Line Item Nomenclature: 1628 - Non Lethals						Aggregated Item Name: Non Lethals					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
1) AA51 CTG, 12 GAUGE NON-LETHAL POINT CONTROL M1012																			
† 1.1) AA51 COMPLETE ROUND	A	-	-	-	-	-	-	4.05	182,345	0.739	-	-	-	-	-	-	-	-	-
1.2) AA51 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.261	-	-	-	-	-	-	-	-	-
Subtotal 1) AA51 CTG, 12 GAUGE NON-LETHAL POINT CONTROL M1012				0.000			0.000			1.000			0.000			0.000			0.000
2) BA06 CTG 40MM XM / M1006, NON-LETHAL (SPONGE GR)																			
† 2.1) BA06 COMPLETE ROUND	A	-	-	-	-	-	-	10.77	7,151	0.077	-	-	-	-	-	-	-	-	-
2.2) BA06 PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.423	-	-	0.000	-	-	0.008	-	-	0.008
Subtotal 2) BA06 CTG 40MM XM / M1006, NON-LETHAL (SPONGE GR)				0.000			0.000			0.500			0.000			0.008			0.008
3) FZ14 RIOT CONTROL (CS) GRENADE L96																			
† 3.1) FZ14 LOAD, ASSEMBLE AND PACK (LAP)	A	-	-	0.045	195.12	328	0.064	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) FZ14 RIOT CONTROL (CS) GRENADE L96				0.045			0.064			0.000			0.000			0.000			0.000
4) GG04 GREANDE, HAND, RUBBER BALL NON-LETHAL																			
† 4.1) GG04 COMPLETE ROUND	A	-	-	-	-	-	-	22.66	70,786	1.604	27.81	19,669	0.547	-	-	-	27.81	19,669	0.547
4.2) GG04 PRODUCTION ENGINEERING	A	-	-	0.250	-	-	-	-	-	0.535	-	-	0.453	-	-	-	-	-	0.453
Subtotal 4) GG04 GREANDE, HAND,				0.250			0.000			2.139			1.000			0.000			1.000

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB 2013 Navy															<b>Date:</b> February 2012				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1628 - Non Lethals							<b>Aggregated Item Name:</b> Non Lethals				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
RUBBER BALL NON-LETHAL																			
<b>5) GG20 GRENADE, HAND STUD, BTV-1 BL</b>																			
† 5.1) GG20 COMPLETE ROUND	A	-	-	2.260	57.64	54,667	3.151	-	-	-	55.02	6,579	0.362	-	-	-	55.02	6,579	0.362
5.2) GG20 PRODUCTION ENGINEERING	A	-	-	0.021	-	-	0.209	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) GG20 GRENADE, HAND STUD, BTV-1 BL</i>				2.281			3.360			0.000			0.362			0.000			0.362
<b>6) MISSION PAYLOAD MODULE NON-LETHAL</b>																			
6.1) MPMN COMPLETE ROUND	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) MISSION PAYLOAD MODULE NON-LETHAL</i>				0.000			0.000			0.000			0.000			0.000			0.000
<b>Total</b>				<b>2.576</b>			<b>3.424</b>			<b>3.639</b>			<b>1.362</b>			<b>0.008</b>			<b>1.370</b>
<b>Remarks:</b>																			

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1				P-1 Line Item Nomenclature: 1628 - Non Lethals					Aggregated Item Name: Non Lethals			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) AA51 CTG, 12 GAUGE NON-LETHAL POINT CONTROL M1012												
1.1) AA51 COMPLETE ROUND		2012	TO BE SELECTED / UNKNOWN	C / FFP	ARDEC, PICATINNY, NJ	May 2012	Aug 2013	182,345	4.05	Y		
2) BA06 CTG 40MM XM / M1006, NON-LETHAL (SPONGE GR)												
2.1) BA06 COMPLETE ROUND		2012	TO BE SELECTED / UNKNOWN	C / FFP	ARDEC, PICATINNY, NJ	May 2012	Aug 2013	7,151	10.77	Y		
3) FZ14 RIOT CONTROL (CS) GRENADE L96												
3.1) FZ14 LOAD, ASSEMBLE AND PACK (LAP)		2010	PW DEFENSE / DERBY, UK	SS / FP	ARDEC, PICATINNY, NJ	Mar 2010	Mar 2011	234	192.31	Y		
3.1) FZ14 LOAD, ASSEMBLE AND PACK (LAP)		2011	PW DEFENSE / DERBY, UK	SS / FP	ARDEC, PICATINNY, NJ	Mar 2011	Sep 2011	328	195.12	Y		
4) GG04 GREANDE, HAND, RUBBER BALL NON-LETHAL												
4.1) GG04 COMPLETE ROUND		2012	COMBINED SYSTEMS INC. / JAMESTOWN, NY	C / FFP	ARDEC, PICATINNY, NJ	Mar 2012	Sep 2013	39,365	22.66	Y		
4.1) GG04 COMPLETE ROUND	✓	2012	COMBINED SYSTEMS INC. / JAMESTOWN, NY	C / FFP	ARDEC, PICATINNY, NJ	Mar 2012	Sep 2013	31,421	22.66	Y		
4.1) GG04 COMPLETE ROUND		2013	COMBINED SYSTEMS INC. / JAMESTOWN, NY	C / FFP	ARDEC, PICATINNY, NJ	Mar 2013	Sep 2014	19,669	27.81	Y		
5) GG20 GRENADE, HAND STUD, BTV-1 BL												
5.1) GG20 COMPLETE ROUND		2010	RHEINMETALL / TRITTAU, GERMANY	SS / FP	NSWC, CRANE, IN	Mar 2011	Sep 2011	44,157	51.18	Y		
5.1) GG20 COMPLETE ROUND		2011	RHEINMETALL / TRITTAU, GERMANY	SS / FP	NSWC, CRANE, IN	Mar 2012	Sep 2012	43,373	57.64	Y		
5.1) GG20 COMPLETE ROUND	✓	2011	RHEINMETALL / TRITTAU, GERMANY	SS / FP	NSWC, CRANE, IN	Mar 2012	Sep 2012	11,294	57.64	Y		
5.1) GG20 COMPLETE ROUND		2013	RHEINMETALL / TRITTAU, GERMANY	SS / FP	NSWC, CRANE, IN	Mar 2013	Sep 2013	6,579	55.02	Y		
Remarks:												

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy										<b>Date:</b> February 2012		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition							<b>P-1 Line Item Nomenclature:</b> 1630 - Ammo Modernization					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	8.859	10.418	8.557	4.566	-	4.566	8.556	9.354	11.262	11.927	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	8.859	10.418	8.557	4.566	-	4.566	8.556	9.354	11.262	11.927	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	8.859	10.418	8.557	4.566	-	4.566	8.556	9.354	11.262	11.927	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Description:</b> <p>The 40MM Ammunition Modernization (DODIC AM01) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p> <p>The Rockets Ammunition Modernization (DODIC AM02) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p> <p>The Line charges Ammunition Modernization (DODIC AMO3) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p> <p>The Components Ammunition Modernization (DODIC AM04) consists of the procurement of components of various items/DODICs and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p> <p>The Missiles Ammunition Modernization (DODIC AM05) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p> <p>The Quality Evaluation Ammunition Modernization (DODIC AM06) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p> <p>Ammunition modernization (DODIC AMMO MOD) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.</p>												

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**Exhibit P-40, Budget Item Justification Sheet:** PB 2013 Navy **Date:** February 2012

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition	<b>P-1 Line Item Nomenclature:</b> 1630 - Ammo Modernization
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ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Ammo Modernization (See enclosed P-40A)	P40A				8.859			10.418			8.557			4.566			0.000			4.566
<b>Total Gross/Weapon System Cost</b>					<b>8.859</b>			<b>10.418</b>			<b>8.557</b>			<b>4.566</b>			<b>-</b>			<b>4.566</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

**Justification:**  
 The Ammo Modernization line in FY13 baseline is funded at approximately 50% of the USMC requirement. This level of funding provides minimum Quality Assurance sustainment and delays scheduled equipment upgrades.

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>															<b>Date:</b> February 2012				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1								<b>P-1 Line Item Nomenclature:</b> 1630 - Ammo Modernization							<b>Aggregated Item Name:</b> Ammo Modernization				
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
<b>1) Ammo Modernization</b>																			
1.1) AM01, CTG, 40MM	A	-	-	1.711	-	-	0.042	-	-	1.571	-	-	0.884	-	-	-	-	-	0.884
1.2) AM02, ROCKETS AMMO MOD	A	-	-	1.409	-	-	-	-	-	1.532	-	-	0.801	-	-	-	-	-	0.801
1.3) AM03, LINE CHARGE AMMO MOD	A	-	-	1.409	-	-	-	-	-	1.532	-	-	0.801	-	-	-	-	-	0.801
1.4) AM04, COMPONENTS AMMO MOD	A	-	-	1.409	-	-	-	-	-	1.220	-	-	0.801	-	-	-	-	-	0.801
1.5) AM05, MISSILE COMP AMMO MOD	A	-	-	1.409	-	-	-	-	-	1.532	-	-	0.801	-	-	-	-	-	0.801
1.6) AM06, QUAL EVAL AMMO MOD	A	-	-	1.506	-	-	10.376	-	-	1.121	-	-	0.463	-	-	-	-	-	0.463
1.7) AMMO, AMMO MOD	A	-	-	0.006	-	-	-	-	-	0.049	-	-	0.015	-	-	-	-	-	0.015
<i>Subtotal 1) Ammo Modernization</i>				8.859			10.418			8.557			4.566			0.000			4.566
<b>Total</b>				8.859			10.418			8.557			4.566			0.000			4.566
<b>Remarks:</b>																			

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2013 Navy										<b>Date:</b> February 2012										
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition							<b>P-1 Line Item Nomenclature:</b> 1660 - Items less than \$5 million													
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>												
<b>Resource Summary</b>		<b>Prior Years</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>To Complete</b>	<b>Total</b>							
Procurement Quantity (Each)		-	-	-	-	-	-	-	-	-	-	-	-							
Gross/Weapon System Cost (\$ in Millions)		5.534	5.314	4.510	6.010	0.012	6.022	5.201	5.197	5.250	5.470	Continuing	Continuing							
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-							
Net Procurement (P1) (\$ in Millions)		5.534	5.314	4.510	6.010	0.012	6.022	5.201	5.197	5.250	5.470	Continuing	Continuing							
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-							
Total Obligation Authority (\$ in Millions)		5.534	5.314	4.510	6.010	0.012	6.022	5.201	5.197	5.250	5.470	Continuing	Continuing							
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-							
Flyaway Unit Cost (\$ in Dollars)		-	-	-	-	-	-	-	-	-	-	-	-							
Gross/Weapon System Unit Cost (\$ in Dollars)		-	-	-	-	-	-	-	-	-	-	-	-							
<b>Description:</b> Base Appropriation Request: This funding (DODIC A001) procures the components used in building small arms cartridges in support of the Marine Corps Rifle Team, Quantico, Virginia.  The First Destination Transportation Charge (FDTC) funds the distribution of Marine Corps' ammunition end items from manufacturing plants assembly points. These funds directly support training and readiness requirements of Marines in the field (CONUS or OCONUS).  The Marine Security Guard Battalion (MSGB) funds the Marine Security Guard Battalion ammunition requirements which are procured through the U.S. State Department.  FY13 Overseas Contingency Operations Request (OCO): DODIC FDTC, = \$0.012. The OCO First Destination Transportation (FDT) funds the OCO procured ammunition and components from the contractor's plant to the initial point of receipt for subsequent shipment to its destination.																				
<b>Item Schedule</b>		<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2011</b>			<b>FY 2012</b>			<b>FY 2013 Base</b>			<b>FY 2013 OCO</b>			<b>FY 2013 Total</b>		
<b>Item Nomenclature*</b>	<b>Exhibits</b>		<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
Items less than \$5 million (See enclosed P-40A)	P40A			5.534			5.314			4.510			6.010			0.012			6.022	
<b>Total Gross/Weapon System Cost</b>				<b>5.534</b>			<b>5.314</b>			<b>4.510</b>			<b>6.010</b>			<b>0.012</b>			<b>6.022</b>	

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

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LI 1660 - Items less than \$5 million  
Navy

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<b>Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy</b>														<b>Date:</b> February 2012					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / BA 2 / BSA 1							<b>P-1 Line Item Nomenclature:</b> 1660 - Items less than \$5 million							<b>Aggregated Item Name:</b> Items less than \$5 million					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
<b>1) Items Less than \$5M</b>																			
1.1) A001, RIFLE TEAM AMMUNITION	A	-	-	-	-	-	-	-	-	-	-	-	0.199	-	-	-	-	-	0.199
1.2) DRUG INT, DRUG INTERDICTION	A	-	-	0.337	-	-	0.268	-	-	-	-	-	-	-	-	-	-	-	-
1.3) FDTC, FIRST DESTINATION TRANSPORTATION CHARGE	A	-	-	4.797	-	-	5.046	-	-	4.110	-	-	5.411	-	-	0.012	-	-	5.423
1.4) MSGB, MARINE SECURITY GUARD BATTALION AMMO	A	-	-	0.400	-	-	-	-	-	0.400	-	-	0.400	-	-	-	-	-	0.400
<i>Subtotal 1) Items Less than \$5M</i>				5.534			5.314			4.510			6.010			0.012			6.022
<b>Total</b>				5.534			5.314			4.510			6.010			0.012			6.022
<b>Remarks:</b>																			

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