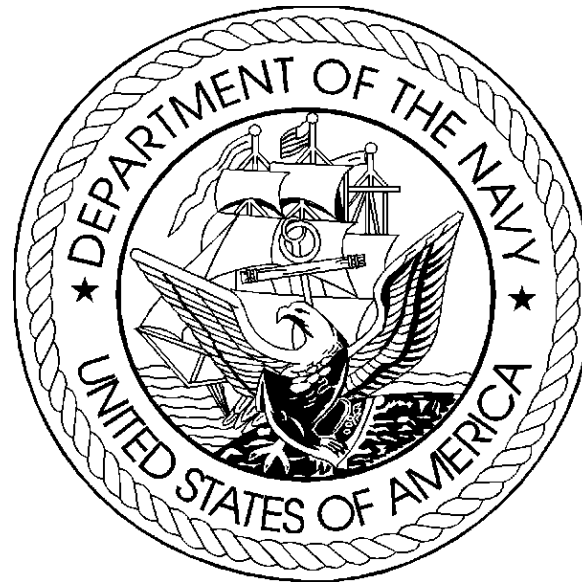


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**Department of Defense
Fiscal Year (FY) 2013 President's Budget Submission**

February 2012



Navy

Justification Book Volume 1

Procurement of Ammo, Navy & MC

Budget Activity 1

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Navy • President's Budget Submission FY 2013 • Procurement

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Department of Defense Appropriations Act, 2013

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 & MC

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals		FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
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

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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 & MC

Line No	Item Nomenclature	Ident Code	FY 2013 Base		FY 2013 OCO		FY 2013 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
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

Marine Corps Ammunition

15	Small Arms Ammunition			83,733		10,948		94,681	U
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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 & MC

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals		FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
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 & MC

Line No	Item Nomenclature	Ident Code	FY 2013 Base		FY 2013 OCO		FY 2013 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
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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Navy • President's Budget Submission FY 2013 • Procurement

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

Line Item Title	Line Item Number	Line #	BA	BSA	Page
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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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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Navy • President's Budget Submission FY 2013 • Procurement

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

Line Item Title	Line Item Number	Line #	BA	BSA	Page
5 Inch/54 Gun Ammunition	0250	9	01	01.....	Volume 1 - 87
Air Expendable Countermeasures	0182	6	01	01.....	Volume 1 - 63
Airborne Rockets, All Types	0151	2	01	01.....	Volume 1 - 15
Ammunition less than \$5 million	0400	14	01	01.....	Volume 1 - 185
Cartridge Actuated Devices/Propellant Act Devices	0180	5	01	01.....	Volume 1 - 53
General Purpose Bombs	0145	1	01	01.....	Volume 1 - 1
Intermediate Caliber Gun Ammo	0266	10	01	01.....	Volume 1 - 95
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
Machine Gun Ammunition	0155	3	01	01.....	Volume 1 - 31
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
Small Arms & Lndg Party Ammo	0335	12	01	01.....	Volume 1 - 123

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition	P-1 Line Item Nomenclature: 0145 - General Purpose Bombs
---	--

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)	1,785.091	69.723	63.666	27.024	18.000	45.024	39.051	124.818	149.736	127.733	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,785.091	69.723	63.666	27.024	18.000	45.024	39.051	124.818	149.736	127.733	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,785.091	69.723	63.666	27.024	18.000	45.024	39.051	124.818	149.736	127.733	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:

BLU-109 : The procurement of the BLU-109 is to maintain war reserve posture. The BLU-109 Penetrator is a 2,000 lb Bomb that is loaded with plastic bonded explosive (PBXN-109) to enhance its insensitive munitions performance.

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

BLU-111: The procurement is for expenditure replacement and to maintain war reserve. The BLU-111A/B is a 500 lb General Purpose Thermally Protected Bomb that is loaded with plastic bonded explosive (PBXN-109) to enhance its insensitive munitions performance.

BSU-86 Retarder Fins: Procurement to replace wartime and training expenditures and maintain war reserve.

FUZES: Fuzes support LGB's (Laser Guided Bombs), DMLGB's (Dual Mode Laser Guided Bombs), JDAM (Joint Direct Attack Munitions), LJDAM (Laser Joint Direct Attack Munitions), General Purpose Bombs and BLU-109 Penetrator.

Direct Attack Moving Target Capability: The intent of this procurement is to address a capability requirement for DON fixed wing aircraft. This acquisition will ensure Navy and Marine Corps fixed wing aircraft have direct attack moving target capability. DAMTC will introduce Height of Burst Sensor (HOBS) capability, which provides a selectable weapon detonation altitude which enables a wider area coverage for weapon effect on target.

Extended Range Kit: Provides extended range standoff capability to address an identified capability requirement to precision guided weapons.

Guided Bomb Tailkits: Provides a guidance capability that converts unguided General Purpose bombs into accurate guided weapons capable of attacking a wide range of stationary, moving and maneuvering targets.

Bomb Subcomponents: The Bomb Subcomponents cost element procures Arming Wires, adapters, lugs, nose plugs, etc.

Product Improvement Program (PIP): The PIP cost element funds efforts to support production and engineering services, manufacturing and installation to extend the useful military life of an item or to improve the item within the current performance envelope. Such improvements take advantage of technology insertion opportunities, improved design and other technical advances. The addition of these modifications provide improved safety, reduce environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies of general purpose bombs, bomb components, guidance kit components, fuze systems and sensors. The PIP also funds the incorporation of engineering design changes to address manufacturing, production and obsolescence issues to modify and improve weapon system reliability.

Laser Guided Bomb Computer Control Groups(CCG): The Laser Guided Bomb CCG provides the capability for a general purpose bomb to become a precision guided weapon. The LGB consists of CCG and Air Foil Group (AFG) which is the fin stabilizer.

FY13 includes \$18M of OCO funding to procure FMU-139 fuze (7,200 units).

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition

P-1 Line Item Nomenclature:
0145 - General Purpose Bombs

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

FY11 provides funding to procure BLU-111, BLU-110, Direct Attack Moving Target Capability, Bomb Subcomponents and associated support.
 FY12 provides funding to procure BLU-111, BLU-109, Direct Attack Moving Target Capability, Bomb Subcomponents and associated support.
 FY13 provides funding to procure Direct Attack Moving Target Capability, Bomb Subcomponents and associated support.

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)
GP Bomb (See enclosed P-40A)	P40A, P5A, P21				1,785.091			69.723			63.666			27.024			18.000			45.024
Total Gross/Weapon System Cost				1,785.091			69.723			63.666			27.024			18.000			45.024	

*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 1 / BSA 1					P-1 Line Item Nomenclature: 0145 - General Purpose Bombs										Aggregated Item Name: GP Bomb				
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) Hardware-GP BOMBS																			
† 1.1) Q2191 BLU-111	A	-	-	24.524	5,010.32	3,958	19.831	5,569.86	730	4.066	-	-	-	-	-	-	-	-	-
† 1.2) Q2192 BLU-110	A	-	-	-	11,457.38	1,220	13.978	-	-	-	-	-	-	-	-	-	-	-	-
† 1.3) Q2199 BLU-109	A	-	-	11.909	-	-	-	31,098.73	278	8.645	-	-	-	-	-	-	-	-	-
† 1.4) Q2199 BLU-109 Second Contract OCO	A	-	-	7.240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) Q2197 Bombs Subcomponents	A	-	-	0.678	-	-	-	-	-	1.226	-	-	1.030	-	-	-	-	-	1.030
Subtotal 1) Hardware-GP BOMBS				44.351			33.809			13.937			1.030			0.000			1.030
2) Hardware-GUIDED BOMBS																			
† 2.1) Q2200 Direct Attack Moving Target Capability (1)	A	-	-	-	11,390.00	700	7.973	10,687.14	3,500	37.405	14,397.10	1,069	15.390	-	-	-	14,397.10	1,069	15.390
2.2) Q2185 Extended Range Kit (2)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.3) Q2181 Laser Guided Bombs CCG (Raytheon)	A	-	-	12.960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.4) Q2181 Laser Guided Bombs CCG (Lockheed)	A	-	-	19.440	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.5) Q2186 Guided Bombs Tailkits	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) Hardware-GUIDED BOMBS				32.400			7.973			37.405			15.390			0.000			15.390
3) Hardware-Fuzes																			
† 3.1) Q2032 FMU-139 Electrical Fuze (3)	A	-	-	-	-	-	-	-	-	-	-	-	0.000	2,500.00	7,200	18.000	2,500.00	7,200	18.000
3.2) Q2210 Hard Target Void Sensing Fuze	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) Hardware-Fuzes				0.000			0.000			0.000			0.000			18.000			18.000

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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 1 / BSA 1					P-1 Line Item Nomenclature: 0145 - General Purpose Bombs										Aggregated Item Name: GP Bomb				
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) Integrated Logistics Support																			
4.1) Q2800 GP Bombs	A	-	-	0.204	-	-	0.624	-	-	0.212	-	-	0.222	-	-	-	-	-	0.222
4.2) Q2800 Guided Bombs	A	-	-	0.208	-	-	0.372	-	-	0.214	-	-	0.216	-	-	-	-	-	0.216
4.3) Q2800 Fuzes	A	-	-	0.206	-	-	0.208	-	-	-	-	-	0.212	-	-	-	-	-	0.212
<i>Subtotal 4) Integrated Logistics Support</i>				0.618			1.204			0.426			0.650			0.000			0.650
5) Production Engineering																			
5.1) Q2830 GP Bombs	A	-	-	4.470	-	-	6.074	-	-	4.225	-	-	0.778	-	-	-	-	-	0.778
5.2) Q2830 Guided Bombs	A	-	-	4.730	-	-	5.660	-	-	4.277	-	-	5.494	-	-	-	-	-	5.494
5.3) Q2830 Fuzes (4)	A	-	-	3.043	-	-	4.800	-	-	-	-	-	2.431	-	-	-	-	-	2.431
<i>Subtotal 5) Production Engineering</i>				12.243			16.534			8.502			8.703			0.000			8.703
6) Acceptance Testing-GUIDED BOMBS																			
6.1) Q2830 DAMTC Production Acceptance Test & Evaluation	A	-	-	16.695	-	-	4.515	-	-	1.536	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) Acceptance Testing-GUIDED BOMBS</i>				16.695			4.515			1.536			0.000			0.000			0.000
7) Miscellaneous Support																			
7.1) Q2850 Product Improvement Program (PIP) (5)	A	-	-	5.722	-	-	5.068	-	-	1.228	-	-	0.592	-	-	-	-	-	0.592
7.2) Q2892 Non-Standard Items	A	-	-	0.204	-	-	0.208	-	-	0.212	-	-	0.223	-	-	-	-	-	0.223
7.3) Q2893 Renovation Components	A	-	-	0.202	-	-	0.204	-	-	0.208	-	-	0.212	-	-	-	-	-	0.212
7.4) Q2894 Gaging	A	-	-	0.206	-	-	0.208	-	-	0.212	-	-	0.224	-	-	-	-	-	0.224
7.5) Years prior to FY10	A	-	-	1,672.450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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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 1 / BSA 1	P-1 Line Item Nomenclature: 0145 - General Purpose Bombs	Aggregated Item Name: GP Bomb
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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)
Subtotal 7)				1,678.784			5.688			1.860			1.251			0.000			1.251
Miscellaneous Support																			
Total				1,785.091			69.723			63.666			27.024			18.000			45.024

Remarks:

- (1) FY13 DAMTC unit cost increase is associated with the introduction of Height of Burst Sensor (HOBS) capability to address an identified capability requirement.
- (2) Program funding added to Direct Attack Moving Target Capability (DAMTC), Extended Range Kits, and Guided Bombs Tailkits in FY14 thru FY17 for procurements.
- (3) Cost code Q2033 FMU-164 was removed as a result of program cancellation and FY 2016 funding was re-programmed to FMU-139 procurements.
- (4) FY11 Fuze PES is required to support production and delivery of FMU-139 fuzes scheduled to continue through FY12.
- (5) FY11 Product Improvement Program line (Q2850) includes funding to support the facilitization of Triaminotrinitrobenzene (TATB) a critical ingredient used in the fuzes.

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0145 - General Purpose Bombs						Aggregated Item Name: GP Bomb		
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) Hardware-GP BOMBS												
†1.1) Q2191 BLU-111		2008	General Dynamics / Garland, TX/MCAAP	C / FP	JMC Rock Island, IL	Feb 2008	Nov 2010	9,894	3,185.00	Y		Jun 2007
†1.1) Q2191 BLU-111		2009	General Dynamics / Garland, TX/MCAAP	C / FP	JMC Rock Island, IL	Mar 2009	Sep 2011	7,716	4,007.00	Y		Oct 2008
†1.1) Q2191 BLU-111		2010	General Dynamics / Garland, TX/MCAAP	C / FP	JMC Rock Island, IL	Jul 2010	Jul 2012	5,526	4,438.00	Y		Oct 2009
†1.1) Q2191 BLU-111 ⁽⁶⁾		2011	General Dynamics / Garland, TX/MCAAP	C / FP	JMC Rock Island, IL	Aug 2011	Aug 2013	3,958	5,010.32	Y		Jan 2011
†1.1) Q2191 BLU-111 ⁽⁷⁾		2012	TBD / TBD	C / FP	JMC Rock Island, IL	Mar 2012	Mar 2012	730	5,569.86	Y		Jan 2012
†1.2) Q2192 BLU-110		2009	General Dynamics / Garland TX/MCAAP	C / FP	JMC Rock Island, IL	Feb 2009	Apr 2012	2,188	8,030.00	Y		Dec 2005
†1.2) Q2192 BLU-110		2011	General Dynamics / Garland TX/MCAAP	C / FP	JMC Rock Island, IL	Aug 2011	Jul 2013	1,220	11,457.38	Y		Jan 2011
†1.3) Q2199 BLU-109		2008	National Forge / Irving, PA/ MCAPP	C / FP	JMC Rock Island, IL	Jan 2008	Apr 2011	388	27,169.00	Y		Dec 2007
†1.3) Q2199 BLU-109		2009	National Forge / Irving, PA/ MCAPP	C / FP	JMC Rock Island, IL	Jan 2009	Dec 2011	1,120	23,816.00	Y		Dec 2008
†1.3) Q2199 BLU-109	✓	2009	National Forge / Irving, PA/ MCAPP	C / FP	JMC Rock Island, IL	Jan 2009	Oct 2011	841	23,816.00	Y		Dec 2008
†1.3) Q2199 BLU-109		2010	National Forge / Irving, PA/ MCAPP	C / FP	JMC Rock Island, IL	Sep 2010	Nov 2013	446	26,701.79	Y		Dec 2008
†1.3) Q2199 BLU-109		2012	National Forge / Irving, PA/ MCAPP	C / FP	JMC Rock Island, IL	May 2012	May 2014	278	31,098.73	Y		Dec 2008
†1.4) Q2199 BLU-109 Second Contract OCO	✓	2009	National Forge / Irving, PA/MCAPP	C / FP	JMC Rock Island, IL	Jul 2011	Feb 2014	304	23,816.00	Y		Jan 2011
2) Hardware-GUIDED BOMBS												
†2.1) Q2200 Direct Attack Moving Target Capability		2011	The Boeing Company / St. Charles, MO	C / FP	NAVAIR, Pax River, MD	Mar 2011	Jun 2011	700	11,390.00	Y		Oct 2008
†2.1) Q2200 Direct Attack Moving Target Capability		2012	The Boeing Company / St. Charles, MO	C / FP	NAVAIR, Pax River, MD	Feb 2012	Feb 2013	3,500	10,687.14	Y		Oct 2008
†2.1) Q2200 Direct Attack Moving Target Capability		2013	The Boeing Company / St. Charles, MO	C / FP	NAVAIR, Pax River, MD	Apr 2013	Apr 2014	1,069	14,397.10	Y		Oct 2008
†2.3) Q2181 Laser Guided Bombs CCG (Raytheon)	✓	2010	Raytheon Missile Systems / Tucson, AZ	C / FP	Hill AFB, UT	Sep 2010	May 2012	1,296	10,000.00	Y		Jan 2009
†2.4) Q2181 Laser Guided Bombs CCG (Lockheed)	✓	2010	Lockheed Martin Corporation / Archbald, PA	C / FP	Hill AFB, UT	Sep 2010	Jun 2011	1,944	10,000.00	Y		Jan 2009
3) Hardware-Fuzes												

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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 1 / BSA 1	P-1 Line Item Nomenclature: 0145 - General Purpose Bombs	Aggregated Item Name: GP Bomb
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†3.1) Q2032 FMU-139 Electrical Fuze		2003	L-3 Com / Cincinnati, OH	SS / FP	NAVAIR, Pax River, MD	Sep 2003	Jun 2009	50,075	554.00	Y		Aug 2003
†3.1) Q2032 FMU-139 Electrical Fuze		2005	ATK Tactical Systems / Keyser, WV	C / FP	NAVAIR, Pax River, MD	Apr 2005	Jun 2011	9,164	873.00	Y		Dec 2004
†3.1) Q2032 FMU-139 Electrical Fuze		2006	ATK Tactical Systems / Keyser, WV	SS / FP	NAVAIR, Pax River, MD	May 2008	Feb 2012	7,034	873.00	Y		May 2006
†3.1) Q2032 FMU-139 Electrical Fuze	✓	2013	TBD / TBD	C / FFP	NAVAIR, Pax River, MD	Mar 2013	Sep 2014	7,200	2,500.00	Y		Jan 2012

Remarks:
⁽⁶⁾All Multi-Service procurement unit costs may fluctuate annually due to individual requirements.
⁽⁷⁾Production lead times for the BLU-111, BLU110, and BLU-109's have been extended to 24-25 months due to the incorporation of Insensitive Munitions (IM) configuration requirements and fluctuations in delivery schedules due to Multi-Service requirements.

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0145 - General Purpose Bombs **Aggregated Item Name:** GP Bomb

COST ELEMENTS Units in Each							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											
							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) Hardware-GP BOMBS																															
1.1) Q2191 BLU-111																															
	1	2008	NAVY	9894	0	9894	-	1326	377	3645	2210	2234	-	-	-	-	102														
	1	2009	NAVY	7716	0	7716	-	-	-	-	-	-	-	-	-	-	-	648	2754	2916	1398										
	1	2010	NAVY	5526	0	5526	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2592	2934			
	1	2011	NAVY	3958	0	3958	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	3958		
	2	2012	NAVY	730	0	730	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A730						
1.2) Q2192 BLU-110																															
	3	2009	NAVY	2188	0	2188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1377	513	-	298		
	3	2011	NAVY	1220	0	1220	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	1220		
1.3) Q2199 BLU-109																															
	4	2008	NAVY	388	0	388	-	-	-	-	-	-	-	388																	
	4	2009	NAVY	1120	0	1120	-	-	-	-	-	-	-	-	-	-	-	-	-	89	565	392	74								
	✓ 4	2009	NAVY	841	0	841	-	-	-	-	-	-	-	-	-	-	-	357	435	49											
	4	2010	NAVY	446	0	446	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	446			
	4	2012	NAVY	278	0	278	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	278			
1.4) Q2199 BLU-109 Second Contract OCO																															
	✓ 5	2009	NAVY ⁽⁸⁾	304	0	304	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	304		
2) Hardware-GUIDED BOMBS																															
2.1) Q2200 Direct Attack Moving Target Capability																															
	6	2011	NAVY ⁽⁹⁾	700	0	700	-	-	-	-	-	A -	-	-	3	24	-	54	54	54	104	135	135	137							
	6	2012	NAVY	3500	0	3500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	3500			
	6	2013	NAVY	1069	0	1069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1069			
2.3) Q2181 Laser Guided Bombs CCG (Raytheon)																															
	✓ 7	2010	NAVY	1296	0	1296	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153	508	635			
2.4) Q2181 Laser Guided Bombs CCG (Lockheed)																															
	✓ 8	2010	NAVY	1944	0	1944	-	-	-	-	-	-	-	-	144	864	720	216													
3) Hardware-Fuzes																															
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0145 - General Purpose Bombs **Aggregated Item Name:** GP Bomb

COST ELEMENTS Units in Each							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																	
							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						
3.1) Q2032 FMU-139 Electrical Fuze																																					
	9	2003	NAVY ⁽¹⁰⁾	50075	11165	38910	-	1288	-	-	-	4623	1251	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31748							
	10	2005	NAVY ⁽¹¹⁾	9164	0	9164	-	-	-	-	-	-	-	18	-	760	2566	-	2566	2566	-	688															
	10	2006	NAVY ⁽¹²⁾	7034	0	7034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1878	2566	-	2590													
✓	11	2013	NAVY	7200	0	7200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7200								
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0145 - General Purpose Bombs **Aggregated Item Name:** GP Bomb

COST ELEMENTS Units in Each							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
1) Hardware-GP BOMBS																														
1.1) Q2191 BLU-111																														
	1	2008	NAVY	9894	9894	0																								
	1	2009	NAVY	7716	7716	0																								
	1	2010	NAVY	5526	5526	0																								
	1	2011	NAVY	3958	0	3958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1319	1319	1320	
	2	2012	NAVY	730	730	0																								
1.2) Q2192 BLU-110																														
	3	2009	NAVY	2188	2188	0																								
	3	2011	NAVY	1220	0	1220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1220		
1.3) Q2199 BLU-109																														
	4	2008	NAVY	388	388	0																								
	4	2009	NAVY	1120	1120	0																								
✓	4	2009	NAVY	841	841	0																								
	4	2010	NAVY	446	0	446	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	446			
	4	2012	NAVY	278	0	278	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	278		
1.4) Q2199 BLU-109 Second Contract OCO																														
✓	5	2009	NAVY ⁽⁸⁾	304	0	304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	304		
2) Hardware-GUIDED BOMBS																														
2.1) Q2200 Direct Attack Moving Target Capability																														
	6	2011	NAVY ⁽⁹⁾	700	700	0																								
	6	2012	NAVY	3500	0	3500	-	-	-	-	319	319	319	319	319	319	319	319	318	318	312									
	6	2013	NAVY	1069	0	1069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89 89 89 89 89 89 535		
2.3) Q2181 Laser Guided Bombs CCG (Raytheon)																														
✓	7	2010	NAVY	1296	1296	0																								
2.4) Q2181 Laser Guided Bombs CCG (Lockheed)																														
✓	8	2010	NAVY	1944	1944	0																								
3) Hardware-Fuzes																														
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0145 - General Purpose Bombs **Aggregated Item Name:** GP Bomb

COST ELEMENTS Units in Each							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	
3.1) Q2032 FMU-139 Electrical Fuze																																
	9	2003	NAVY ⁽¹⁰⁾	50075	18327	31748	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31748			
	10	2005	NAVY ⁽¹¹⁾	9164	9164	0																										
	10	2006	NAVY ⁽¹²⁾	7034	7034	0																										
✓	11	2013	NAVY	7200	0	7200	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	600	6600			
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0145 - General Purpose Bombs **Aggregated Item Name:** GP Bomb

COST ELEMENTS Units in Each							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													
							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) Hardware-GP BOMBS																														
1.1) Q2191 BLU-111																														
	1	2008	NAVY	9894	9894	0																								
	1	2009	NAVY	7716	7716	0																								
	1	2010	NAVY	5526	5526	0																								
	1	2011	NAVY	3958	3958	0																								
	2	2012	NAVY	730	730	0																								
1.2) Q2192 BLU-110																														
	3	2009	NAVY	2188	2188	0																								
	3	2011	NAVY	1220	1220	0																								
1.3) Q2199 BLU-109																														
	4	2008	NAVY	388	388	0																								
	4	2009	NAVY	1120	1120	0																								
	✓ 4	2009	NAVY	841	841	0																								
	4	2010	NAVY	446	446	0																								
	4	2012	NAVY	278	278	0																								
1.4) Q2199 BLU-109 Second Contract OCO																														
	✓ 5	2009	NAVY ⁽⁸⁾	304	304	0																								
2) Hardware-GUIDED BOMBS																														
2.1) Q2200 Direct Attack Moving Target Capability																														
	6	2011	NAVY ⁽⁹⁾	700	700	0																								
	6	2012	NAVY	3500	3500	0																								
	6	2013	NAVY	1069	534	535	89	89	89	89	89	90																		
2.3) Q2181 Laser Guided Bombs CCG (Raytheon)																														
	✓ 7	2010	NAVY	1296	1296	0																								
2.4) Q2181 Laser Guided Bombs CCG (Lockheed)																														
	✓ 8	2010	NAVY	1944	1944	0																								
3) Hardware-Fuzes																														
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0145 - General Purpose Bombs **Aggregated Item Name:** GP Bomb

COST ELEMENTS Units in Each							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
3.1) Q2032 FMU-139 Electrical Fuze																														
	9	2003	NAVY ⁽¹⁰⁾	50075	18327	31748	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31748	
	10	2005	NAVY ⁽¹¹⁾	9164	9164	0																								
	10	2006	NAVY ⁽¹²⁾	7034	7034	0																								
✓	11	2013	NAVY	7200	600	6600	600	600	600	600	600	600	600	600	600	600														
							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 1 / BSA 1	P-1 Line Item Nomenclature: 0145 - General Purpose Bombs	Aggregated Item Name: GP Bomb

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	General Dynamics - Garland, TX/MCAAP	23000	38544	100200	0	8	24	32	0	6	24	30
2	TBD - TBD	0	0	0	0	0	0	0	0	0	0	0
3	General Dynamics - Garland TX/MCAAP	13000	21300	55300	0	9	23	32	0	11	25	36
4	National Forge - Irving, PA/MCAPP	1440	2232	6120	0	0	0	0	0	8	24	32
5	National Forge - Irving, PA/MCAPP	1344	1440	5004	0	0	0	0	0	9	32	41
6	The Boeing Company - St. Charles, MO	1200	4800	5760	0	5	29	34	0	7	12	19
7	Raytheon Missile Systems - Tucson, AZ	1800	4800	14400	0	12	20	32	0	0	0	0
8	Lockheed Martin Corporation - Archbald, PA	1728	4500	36000	0	12	9	21	0	0	0	0
9	L-3 Com - Cincinnati, OH	12000	24000	74400	0	11	69	80	0	0	0	0
10	ATK Tactical Systems - Keyser, WV	12000	24000	74400	0	8	24	32	0	0	0	0
11	TBD - TBD	0	0	0	0	6	18	24	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.

⁽⁸⁾Initial OCO funded allocation was intended to procure BSU-86's and BLU-109's. The OCO submission has been revised based on program requirement to procure solely BLU-109's.

⁽⁹⁾FY11 Air Force DAMTC contract awarded in Jan. 2011. Deliveries were 189 in February, 162 in March, 55 in April, and 144 in May.

⁽¹⁰⁾Deliveries on the L-3 COM contract for FMU-139 have been delayed. The contract was initially awarded for the FMU-139B/B configuration, but subsequently modified to procure the FMU-139C/B configuration via an ECP. L-3 COM had to qualify the C/B configuration, leading to the delivery schedule slip. The remaining 31,748 fuzes will continue to delivery through March 2012. The contract has been closed out and no more costs will be billed to the Navy for this production buy.

⁽¹¹⁾ATK deliveries are delayed due to First Article Test (FAT) failure. FAT has restarted and the delivery schedule adjusted.

⁽¹²⁾FY06 ATK quantity changes are due to procurement of the FZU-61 accessory kit needed for the FMU-139 fuze.

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition

P-1 Line Item Nomenclature:
0151 - Airborne Rockets, 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)	356.259	99.008	103.464	56.575	80.200	136.775	56.627	54.851	55.670	56.013	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	356.259	99.008	103.464	56.575	80.200	136.775	56.627	54.851	55.670	56.013	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	356.259	99.008	103.464	56.575	80.200	136.775	56.627	54.851	55.670	56.013	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:

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

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

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

ADVANCED PRECISION KILL WEAPON SYSTEM (APKWS): APKWS was an Army SD&D program to develop a low cost Semi Active Laser (SAL) precision guidance section for existing 2.75-inch unguided rockets. APKWS II will provide an inexpensive, small, lightweight, precision-guided weapon that is effective against soft and lightly armored targets which enhances crew survivability with increased standoff range. Through addition of a mid-body guidance section, APKWS II offers precision, maximum stored kills per aircraft sortie, minimum collateral damage potential, and increased effectiveness over legacy unguided rockets. The guidance package can be assembled with existing unguided rocket components (warhead and rocket motor) and can be fired from LAU-61/LAU-68. The SD&D program was completed in 3Q FY10. APKWS II received MS C approval in April 2010. Full Rate Procurement Decision is planned for 3Q FY12.

The 2.75-inch M282 Multi Purpose Penetrator (MPP) warhead will provide USMC aircrew and ground commanders greatly enhanced weaponeering options, to engage targets protected by urban and cave environments. This program will provide a low-cost penetrator warhead in urgent need in the current fight in Afghanistan and Iraq and will directly improve aviation fire support to the Marine Air-Ground Task Force now and in the future.

The MK152 10lb warheads with the MK435 fuzes is an improvement over the M151 10lb warhead in Insensitive Munitions (IM) reactions. The IM improvements will allow for fewer restrictions on shipboard operations. These warheads will be required for shipboard operations with APKWS II.

FY11 OCO funding procured: MK 66 Rocket Motor (Mod 4), 2.75-inch Rocket Launcher, M282 (MPP), and MK152 2.75-inch Warhead with MK435 fuze.

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition	P-1 Line Item Nomenclature: 0151 - Airborne Rockets, All Types

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
<p>FY12 OCO funding will be used to procure: MK 66 Rocket Motor (Mod 4), WTU-1/B inert 2.75-inch warhead, 2.75-inch Rocket Launcher, M282 (MPP), and MK152 2.75-inch Warhead with MK-435 fuze, APKWS Guidance and Control (G&C) Section.</p> <p>FY13 OCO funding will be used to procure: MK 66 Rocket Motor (Mod 4), WTU-1/B inert 2.75-inch warhead, 2.75-inch Rocket Launcher, M282 (MPP), and MK152 2.75-inch Warhead with MK-435 fuze, APKWS Guidance and Control (G&C) Section.</p>		

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)
Airborne Rockets, All Types (See enclosed P-40A)	P40A, P5A, P21				356.259			99.008			103.464			56.575			80.200			136.775
Total Gross/Weapon System Cost					356.259			99.008			103.464			56.575			80.200			136.775

*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 1 / BSA 1					P-1 Line Item Nomenclature: 0151 - Airborne Rockets, All Types										Aggregated Item Name: Airborne 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) Rockets Hardware																			
† 1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4) (1)	A	-	-	174.301	539.00	91,095	49.100	576.00	65,972	38.000	582.00	27,969	16.278	582.00	43,734	25.453	582.00	71,703	41.731
† 1.2) (Q5041) MK 71 ROCKET MOTOR (2)	A	-	-	56.296	-	-	-	-	-	-	6,000.00	25	0.150	-	-	-	6,000.00	25	0.150
† 1.3) (Q5042) MK 66 ROCKET MOTOR (MOD 6) (3)	A	-	-	0.585	-	-	-	-	-	-	550.00	20	0.011	-	-	-	550.00	20	0.011
† 1.4) (Q5200) SMOKEY SAM	A	-	-	3.050	-	-	-	0.00	3,007	-	156.00	2,988	0.466	-	-	-	156.00	2,988	0.466
<i>Subtotal 1) Rockets Hardware</i>				234.232			49.100			38.000			16.905			25.453			42.358
2) Rocket Warheads																			
† 2.1) (Q5030) WTU1/B INERT WARHEAD (4)	A	-	-	11.258	-	-	-	85.00	27,129	2.306	85.96	8,225	0.707	85.96	8,225	0.707	85.96	16,450	1.414
† 2.2) (Q5080) MK 146 HE WARHEAD	A	-	-	20.275	-	-	-	1,522.67	197	0.300	1,548.69	1,992	3.085	-	-	-	1,548.69	1,992	3.085
† 2.3) (Q5090) MK 149 WARHEAD (5)	A	-	-	11.096	-	-	-	547.17	509	0.279	556.15	1,318	0.733	-	-	-	556.15	1,318	0.733
† 2.4) (Q5897) WTU-11/B WARHEAD	A	-	-	1.025	-	-	-	-	-	-	402.72	956	0.385	-	-	-	402.72	956	0.385
† 2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)	A	-	-	0.708	3,191.49	2,350	7.500	3,209.00	1,714	5.500	3,279.20	43	0.141	3,279.20	2,500	8.198	3,279.20	2,543	8.339
† 2.6) (Q5899) MK 152 WARHEAD	A	-	-	3.000	1,339.88	5,599	7.502	1,346.98	17,004	22.904	1,369.20	669	0.916	1,369.20	17,697	24.231	1,369.20	18,366	25.147
<i>Subtotal 2) Rocket Warheads</i>				47.362			15.002			31.289			5.967			33.136			39.103
3) Rocket Launchers																			
† 3.1) (Q5895) 2.75-inch LAUNCHER (6)	A	-	-	3.740	15,753.00	417	6.569	15,777.78	1	0.016	15,941.91	241	3.842	15,962.96	179	2.857	15,950.00	420	6.699
<i>Subtotal 3) Rocket Launchers</i>				3.740			6.569			0.016			3.842			2.857			6.699
4) APKWS																			

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0151 - Airborne Rockets, All Types **Aggregated Item Name:** Airborne 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)
† 4.1) (Q5896) APKWS G&C SECTIONS	A	-	-	7.040	28,500.00	600	17.100	17,496.38	1,656	28.974	17,850.00	1,358	24.240	17,850.00	1,000	17.850	17,850.00	2,358	42.090
<i>Subtotal 4) APKWS</i>				7.040			17.100			28.974			24.240			17.850			42.090
5) Other																			
5.1) (Q5871) MISCELLANEOUS ITEMS	A	-	-	6.617	-	-	0.100	-	-	-	-	-	-	-	-	-	-	-	-
5.2) (Q5870) CONTAINERS	A	-	-	8.753	-	-	3.500	-	-	-	-	-	1.119	-	-	-	-	-	1.119
<i>Subtotal 5) Other</i>				15.370			3.600			0.000			1.119			0.000			1.119
6) (Q5800) Integrated Logistics Support (ILS)																			
6.1) ROCKET WARHEADS-ILS	A	-	-	2.571	-	-	0.100	-	-	0.205	-	-	0.154	-	-	-	-	-	0.154
6.2) ROCKET LAUNCHERS-ILS	A	-	-	0.150	-	-	0.093	-	-	0.097	-	-	0.097	-	-	-	-	-	0.097
6.3) APKWS-ILS	A	-	-	0.050	-	-	0.051	-	-	0.046	-	-	0.055	-	-	-	-	-	0.055
6.4) OTHER-ILS	A	-	-	-	-	-	0.036	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) (Q5800) Integrated Logistics Support (ILS)</i>				2.771			0.280			0.348			0.306			0.000			0.306
7) (Q5850) Product Improvement (PIP)																			
7.1) ROCKET WARHEADS-PIP	A	-	-	12.061	-	-	0.690	-	-	0.709	-	-	0.332	-	-	-	-	-	0.332
7.2) ROCKET LAUNCHERS-PIP	A	-	-	0.004	-	-	0.005	-	-	0.004	-	-	0.006	-	-	-	-	-	0.006
<i>Subtotal 7) (Q5850) Product Improvement (PIP)</i>				12.065			0.695			0.713			0.338			0.000			0.338
8) (Q5830) Production Engineering Support (PES)																			
8.1) ROCKET MOTORS-PES	A	-	-	5.388	-	-	2.368	-	-	0.782	-	-	1.227	-	-	0.899	-	-	2.126
8.2) ROCKET WARHEADS-PES	A	-	-	17.453	-	-	2.970	-	-	2.893	-	-	1.403	-	-	-	-	-	1.403
8.3) ROCKET LAUNCHERS-PES	A	-	-	2.058	-	-	-	-	-	0.196	-	-	0.525	-	-	0.005	-	-	0.530
8.4) APKWS-PES	A	-	-	8.780	-	-	1.324	-	-	0.253	-	-	0.703	-	-	-	-	-	0.703

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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 1 / BSA 1	P-1 Line Item Nomenclature: 0151 - Airborne Rockets, All Types	Aggregated Item Name: Airborne Rockets, 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)
<i>Subtotal 8) (Q5830) Production Engineering Support (PES)</i>				33.679			6.662			4.124			3.858			0.904			4.762
Total				356.259			99.008			103.464			56.575			80.200			136.775

Remarks:

- (1)FY11 depicts actual execution. Pricing is provided by the Army and incorporates other services' buys.
- (2)Pricing is provided by the Army and incorporates other services' buys.
- (3)Pricing is provided by the Army and incorporates other services' buys.
- (4)Pricing provided by the Army and incorporates other services' buys.
- (5)Pricing provided by the Army and incorporates other services' buys.
- (6)Unit cost has been updated to reflect current Launcher contracted cost.

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0151 - Airborne Rockets, All Types						Aggregated Item Name: Airborne 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) Rockets Hardware												
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)		2009	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Apr 2009	Oct 2010	18,308	418.00	Y		Oct 2008
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)	✓	2009	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Oct 2009	May 2011	59,638	418.00	Y		Oct 2008
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)		2010	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2010	Oct 2011	8,899	554.00	Y		Oct 2008
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)	✓	2010	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2010	Oct 2011	64,623	554.00	Y		Oct 2008
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)	✓	2011	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Jun 2011	Dec 2012	91,095	539.00	Y		Oct 2008
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)	✓	2012	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Apr 2012	Oct 2013	65,972	576.00	Y		Oct 2008
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)		2013	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Apr 2013	Oct 2014	27,969	582.00	Y		Oct 2008
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)	✓	2013	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Apr 2013	Oct 2014	43,734	582.00	Y		Oct 2008
1.2) (Q5041) MK 71 ROCKET MOTOR (7)		2009	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NAVAIR HQ	Mar 2009	Mar 2010	300	5,604.00	Y		
1.2) (Q5041) MK 71 ROCKET MOTOR		2013	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NAVAIR HQ	Jan 2013	Jan 2014	25	6,000.00	Y		
1.3) (Q5042) MK 66 ROCKET MOTOR (MOD 6)		2008	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Apr 2008	Jan 2009	1,152	508.00	Y		
1.3) (Q5042) MK 66 ROCKET MOTOR (MOD 6)		2013	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Apr 2013	Jan 2014	20	550.00	Y		Oct 2008
1.4) (Q5200) SMOKEY SAM ⁽⁸⁾		2010	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NAVAIR HQ	Apr 2010	Apr 2011	3,343	147.00	Y		
1.4) (Q5200) SMOKEY SAM		2012	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NAVAIR HQ	Jan 2012	Jan 2013	3,007	0.00	Y		
1.4) (Q5200) SMOKEY SAM		2013	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NAVAIR HQ	Jan 2013	Jan 2014	2,988	156.00	Y		
2) Rocket Warheads												
2.1) (Q5030) WTU1/B INERT WARHEAD		2009	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2009	Nov 2010	12,293	85.00	Y		Oct 2008
2.1) (Q5030) WTU1/B INERT WARHEAD		2010	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2010	Nov 2011	25,556	81.00	Y		Oct 2008
2.1) (Q5030) WTU1/B INERT WARHEAD	✓	2012	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2012	May 2013	27,129	85.00	Y		Oct 2008

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0151 - Airborne Rockets, All Types						Aggregated Item Name: Airborne 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
2.1) (Q5030) WTU1/B INERT WARHEAD		2013	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2013	May 2014	8,225	85.96	Y		Oct 2008
2.1) (Q5030) WTU1/B INERT WARHEAD	✓	2013	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2013	May 2014	8,225	85.96	Y		Oct 2008
2.2) (Q5080) MK 146 HE WARHEAD (9)		2009	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NAVAIR HQ	Mar 2009	Mar 2010	1,100	1,439.09	Y		
2.2) (Q5080) MK 146 HE WARHEAD		2012	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NAVAIR HQ	Jan 2012	Jan 2013	197	1,522.67	Y		
2.2) (Q5080) MK 146 HE WARHEAD		2013	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NAVAIR HQ	Jan 2013	Jan 2014	1,992	1,548.69	Y		
2.3) (Q5090) MK 149 WARHEAD		2009	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Apr 2009	Aug 2011	5,508	568.00	Y		Oct 2008
2.3) (Q5090) MK 149 WARHEAD		2010	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2010	Sep 2012	2,935	525.04	Y		Oct 2008
2.3) (Q5090) MK 149 WARHEAD		2012	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Apr 2012	Aug 2014	509	547.17	Y		Oct 2008
2.3) (Q5090) MK 149 WARHEAD		2013	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Apr 2013	Aug 2015	1,318	556.15	Y		Oct 2008
2.4) (Q5897) WTU-11/B WARHEAD		2009	Flexible Concepts / Elkhart, IN	SS / FFP	Huntsville	Mar 2009	Mar 2010	962	473.00	Y		Oct 2008
2.4) (Q5897) WTU-11/B WARHEAD		2013	Flexible Concepts / Elkhart, IN	SS / FFP	Huntsville	Mar 2013	Mar 2014	956	402.72	Y		Oct 2008
†2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)	✓	2010	General Dynamics / Burlington, VT	C / CPIF	NAVAIR HQ	May 2010	Mar 2011	223	3,177.00	Y		Oct 2008
†2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)	✓	2011	General Dynamics / Burlington, VT	C / FFP	NAVAIR HQ	Jun 2011	Jun 2012	2,350	3,191.49	Y		Oct 2008
†2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)	✓	2012	TBD / TBD	C / FFP	NAVAIR HQ	Mar 2012	Mar 2013	1,714	3,209.00	Y		Oct 2008
†2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)		2013	TBD / TBD	C / FFP	NAVAIR HQ	Mar 2013	Mar 2014	43	3,279.20	Y		Oct 2008
†2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)	✓	2013	TBD / TBD	C / FFP	NAVAIR HQ	Mar 2013	Mar 2014	2,500	3,279.20	Y		Oct 2008
†2.6) (Q5899) MK 152 WARHEAD (10)		2010	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NAVAIR HQ	Aug 2010	Aug 2011	2,249	1,333.93	Y		
†2.6) (Q5899) MK 152 WARHEAD	✓	2011	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NAVAIR HQ	Jun 2011	Jun 2012	5,599	1,339.88	Y		
†2.6) (Q5899) MK 152 WARHEAD	✓	2012	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NAVAIR HQ	Jan 2012	Jan 2013	17,004	1,346.98	Y		
†2.6) (Q5899) MK 152 WARHEAD		2013	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NAVAIR HQ	Jan 2013	Jan 2014	669	1,369.20	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 1 / BSA 1				P-1 Line Item Nomenclature: 0151 - Airborne Rockets, All Types					Aggregated Item Name: Airborne 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
†2.6) (Q5899) MK 152 WARHEAD	✓	2013	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NAVAIR HQ	Jan 2013	Jan 2014	17,697	1,369.20	Y		
3) Rocket Launchers												
3.1) (Q5895) 2.75-inch LAUNCHER		2009	Arnold Defense / St. Louis, MI	C / FFP	NAVAIR HQ	Jun 2009	Jun 2010	93	20,000.00	Y		Apr 2009
3.1) (Q5895) 2.75-inch LAUNCHER		2010	Arnold Defense / St. Louis, MI	C / FFP	NAVAIR HQ	Aug 2010	Aug 2012	53	15,735.85	Y		Apr 2009
3.1) (Q5895) 2.75-inch LAUNCHER	✓	2011	Arnold Defense / St. Louis, MI	C / FFP	NAVAIR HQ	Aug 2011	Aug 2013	417	15,753.00	Y		Apr 2009
3.1) (Q5895) 2.75-inch LAUNCHER	✓	2012	TBD / TBD	C / FFP	NAVAIR HQ	Aug 2012	Aug 2014	1	15,777.78	Y		Apr 2009
3.1) (Q5895) 2.75-inch LAUNCHER		2013	TBD / TBD	C / FFP	NAVAIR HQ	Aug 2013	Aug 2015	241	15,941.91	Y		Apr 2009
3.1) (Q5895) 2.75-inch LAUNCHER	✓	2013	TBD / TBD	C / FFP	NAVAIR HQ	Aug 2013	Aug 2015	179	15,962.96	Y		Apr 2009
4) APKWS												
†4.1) (Q5896) APKWS G&C SECTIONS		2010	BAE SYSTEMS / NASHUA, NH	C / FFP	NAVAIR HQ	Apr 2010	Apr 2011	247	28,502.02	Y		Feb 2010
†4.1) (Q5896) APKWS G&C SECTIONS		2011	BAE SYSTEMS / NASHUA, NH	C / FFP	NAVAIR HQ	Apr 2011	Apr 2012	600	28,500.00	Y		Feb 2010
†4.1) (Q5896) APKWS G&C SECTIONS		2012	TBD / TBD	C / FFP	NAVAIR HQ	Apr 2012	Apr 2013	1,000	17,496.38	Y		Oct 2011
†4.1) (Q5896) APKWS G&C SECTIONS	✓	2012	TBD / TBD	C / FFP	NAVAIR HQ	Apr 2012	Apr 2013	656	17,496.38	Y		Oct 2011
†4.1) (Q5896) APKWS G&C SECTIONS		2013	TBD / TBD	C / FFP	NAVAIR HQ	Mar 2013	Mar 2014	1,358	17,850.00	Y		Oct 2012
†4.1) (Q5896) APKWS G&C SECTIONS	✓	2013	TBD / TBD	C / FFP	NAVAIR HQ	Mar 2013	Mar 2014	1,000	17,850.00	Y		Oct 2012
Remarks: (7) Actual contract method/type is PX. (8) Actual contract method/type is PX. (9) Actual contract method/type is PX. (10) Actual contract method/type is PX.												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1	P-1 Line Item Nomenclature: 0151 - Airborne Rockets, All Types	Aggregated Item Name: Airborne Rockets, All Types
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COST ELEMENTS Units in Each						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												
							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) Rockets Hardware																																
1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)																																
	12	2009	NAVY	18308	0	18308	1526	1526	1526	1526	1526	1526	1526	1526	1525	1525	1525	1525														
✓	12	2009	NAVY	59638	0	59638	-	-	-	-	-	-	-	4970	4970	4970	4970	4970	4970	4970	4970	4969	4969	4970								
	12	2010	NAVY	8899	0	8899	-	-	-	-	-	-	-	-	-	-	-	-	742	742	742	742	742	742	742	741	741	741	741	741		
✓	12	2010	NAVY	64623	0	64623	-	-	-	-	-	-	-	-	-	-	-	-	5386	5386	5386	5385	5385	5385	5385	5385	5385	5385	5385			
✓	12	2011	NAVY	91095	0	91095	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91095		
✓	12	2012	NAVY	65972	0	65972	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	65972		
	12	2013	NAVY	27969	0	27969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27969		
✓	12	2013	NAVY	43734	0	43734	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43734		
2) Rocket Warheads																																
2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)																																
✓	13	2010	NAVY	223	0	223	-	-	-	-	-	19	19	19	19	19	19	18	18	18	18	18										
✓	13	2011	NAVY	2350	0	2350	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	196	196	196	196	1566		
✓	14	2012	NAVY	1714	0	1714	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	1714		
	14	2013	NAVY	43	0	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43		
✓	14	2013	NAVY	2500	0	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2500		
2.6) (Q5899) MK 152 WARHEAD																																
	15	2010	NAVY	2249	0	2249	-	-	-	-	-	-	-	-	-	188	188	188	188	188	187	187	187	187	187	187	187	187				
✓	15	2011	NAVY	5599	0	5599	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	467	467	467	467	3731		
✓	15	2012	NAVY	17004	0	17004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	17004		
	15	2013	NAVY	669	0	669	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	669		
✓	15	2013	NAVY	17697	0	17697	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17697		
4) APKWS																																
4.1) (Q5896) APKWS G&C SECTIONS																																
	16	2010	NAVY	247	0	247	-	-	-	-	-	-	27	26	26	26	26	26	15	15	15	15	15	15								
	16	2011	NAVY	600	0	600	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	50	50	50	50	50	50	300		
	17	2012	NAVY	1000	0	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	1000		
✓	17	2012	NAVY	656	0	656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	656		
							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	

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1	P-1 Line Item Nomenclature: 0151 - Airborne Rockets, All Types	Aggregated Item Name: Airborne Rockets, All Types
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COST ELEMENTS Units in Each						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																		
							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							
	17	2013	NAVY	1358	0	1358	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1358
✓	17	2013	NAVY	1000	0	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0151 - Airborne Rockets, All Types **Aggregated Item Name:** Airborne Rockets, All Types

COST ELEMENTS Units in Each							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) Rockets Hardware																															
1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)																															
	12	2009	NAVY	18308	18308	0																									
✓	12	2009	NAVY	59638	59638	0																									
	12	2010	NAVY	8899	8899	0																									
✓	12	2010	NAVY	64623	64623	0																									
✓	12	2011	NAVY	91095	0	91095	-	-	7591	7591	7591	7591	7591	7591	7591	7591	7592	7592	7592												
✓	12	2012	NAVY	65972	0	65972	-	-	-	-	-	-	-	-	-	-	5478	5474	5474	5474	5474	5474	5474	5474	5474	5474	5567	5567	5568		
	12	2013	NAVY	27969	0	27969	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27969		
✓	12	2013	NAVY	43734	0	43734	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43734		
2) Rocket Warheads																															
2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)																															
✓	13	2010	NAVY	223	223	0																									
✓	13	2011	NAVY	2350	784	1566	196	196	196	196	196	196	195	195																	
✓	14	2012	NAVY	1714	0	1714	-	-	-	-	-	155	155	155	155	155	126	126	126	126	125										
	14	2013	NAVY	43	0	43	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	3	3	3	3	3	4	4	20		
✓	14	2013	NAVY	2500	0	2500	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	208	208	208	208	208	208	208	1044		
2.6) (Q5899) MK 152 WARHEAD																															
	15	2010	NAVY	2249	2249	0																									
✓	15	2011	NAVY	5599	1868	3731	467	467	467	466	466	466	466	466																	
✓	15	2012	NAVY	17004	0	17004	-	-	-	1417	1417	1417	1417	1417	1417	1417	1417	1417	1417												
	15	2013	NAVY	669	0	669	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	55	55	55	56	56	56	56	56	168		
✓	15	2013	NAVY	17697	0	17697	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	1475	1475	1475	1475	1475	1475	1475	1475	4422		
4) APKWS																															
4.1) (Q5896) APKWS G&C SECTIONS																															
	16	2010	NAVY	247	247	0																									
	16	2011	NAVY	600	300	300	50	50	50	50	50	50																			
	17	2012	NAVY	1000	0	1000	-	-	-	-	-	-	93	93	93	93	77	77	93	77	77	77	77	75	75						
✓	17	2012	NAVY	656	0	656	-	-	-	-	-	-	55	55	55	55	55	55	55	54	54	54	54	55							
							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 1 / BSA 1

P-1 Line Item Nomenclature:
0151 - Airborne Rockets, All Types

Aggregated Item Name:
Airborne Rockets, All Types

COST ELEMENTS Units in Each						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																		
	17	2013	NAVY	1358	0	1358	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113	113	113	113	113	113	113	113	113	113	567
✓	17	2013	NAVY	1000	0	1000	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83	83	83	83	83	83	83	83	83	83	419
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0151 - Airborne Rockets, All Types **Aggregated Item Name:** Airborne Rockets, All Types

COST ELEMENTS Units in Each							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													
							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) Rockets Hardware																															
1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)																															
	12	2009	NAVY	18308	18308	0																									
✓	12	2009	NAVY	59638	59638	0																									
	12	2010	NAVY	8899	8899	0																									
✓	12	2010	NAVY	64623	64623	0																									
✓	12	2011	NAVY	91095	91095	0																									
✓	12	2012	NAVY	65972	65972	0																									
	12	2013	NAVY	27969	0	27969	2330	2330	2330	2331	2331	2331	2331	2331	2331	2331	2331	2331	2331	2331	2331	2331	2331	2331	2331	2331	2331	2331			
✓	12	2013	NAVY	43734	0	43734	3645	3645	3645	3645	3645	3645	3644	3644	3644	3644	3644	3644	3644	3644	3644	3644	3644	3644	3644	3644	3644	3644			
2) Rocket Warheads																															
2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)																															
✓	13	2010	NAVY	223	223	0																									
✓	13	2011	NAVY	2350	2350	0																									
✓	14	2012	NAVY	1714	1714	0																									
	14	2013	NAVY	43	23	20	4	4	4	4	4																				
✓	14	2013	NAVY	2500	1456	1044	208	209	209	209	209																				
2.6) (Q5899) MK 152 WARHEAD																															
	15	2010	NAVY	2249	2249	0																									
✓	15	2011	NAVY	5599	5599	0																									
✓	15	2012	NAVY	17004	17004	0																									
	15	2013	NAVY	669	501	168	56	56	56																						
✓	15	2013	NAVY	17697	13275	4422	1474	1474	1474																						
4) APKWS																															
4.1) (Q5896) APKWS G&C SECTIONS																															
	16	2010	NAVY	247	247	0																									
	16	2011	NAVY	600	600	0																									
	17	2012	NAVY	1000	1000	0																									
✓	17	2012	NAVY	656	656	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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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0151 - Airborne Rockets, All Types **Aggregated Item Name:** Airborne Rockets, All Types

COST ELEMENTS Units in Each						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													
							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
	17	2013	NAVY	1358	791	567	113	113	113	114	114																			
✓	17	2013	NAVY	1000	581	419	83	84	84	84	84																			
							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 1 / BSA 1	P-1 Line Item Nomenclature: 0151 - Airborne Rockets, All Types	Aggregated Item Name: Airborne Rockets, 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	General Dynamics - Burlington, VT	3600	300000	552000	0	0	0	0	0	0	7	18	25
2	General Dynamics - Burlington, VT	2400	3400	4400	0	0	0	0	0	0	6	12	18
3	TBD - TBD	2400	3400	4400	0	0	0	0	0	0	6	12	18
4	NSWC INDIAN HEAD DIV - Indian Head, MD	300	8000	100000	0	0	0	0	0	0	4	12	16
5	BAE SYSTEMS - NASHUA, NH	200	800	5000	0	0	0	0	0	0	7	12	19
6	TBD - TBD	200	800	5000	0	0	0	0	0	0	7	12	19

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition	P-1 Line Item Nomenclature: 0155 - Machine Gun Ammunition
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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)	308.092	89.551	40.188	21.266	21.500	42.766	20.719	21.556	21.835	22.227	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	308.092	89.551	40.188	21.266	21.500	42.766	20.719	21.556	21.835	22.227	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	308.092	89.551	40.188	21.266	21.500	42.766	20.719	21.556	21.835	22.227	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:

This line funds procurement of 20MM/25MM ammunition used with various aircraft gun systems and includes integrated logistics, product engineering support and product improvement programs. The ammunition procurements fall into two categories: Target Practice (TP) and High Explosive Incendiary (HEI). The TP rounds are used for training and also include Target Practice - Tracer (TP-T) rounds. The HEI rounds are used for warfighting and also include Semi Armor Piercing High Explosive Incendiary (SAPHEI) rounds. 20MM rounds are procured in both linkless and linked configurations. The linkless (or bulk) rounds are used in the M61A1/A2 Gun Systems in the F/A-18 Aircraft. The linked rounds are used in the M197 gun on AH-1 aircraft. 25MM rounds are procured in the linkless configuration and are used in the GAU-12 Gun System in the AV-8B aircraft. 30MM rounds are procured in the linked configuration and are used in the MK-44 Gun System in the KC-130J aircraft. All 20MM/25MM 30MM ammunition is procured by the Joint Munitions Command, Rock Island, Illinois and Naval Surface Warfare Center, Crane, Indiana. Inert rounds are procured through Naval Surface Warfare Center, Crane, Indiana.

FY 11 provided funding to procure 20MM Linkless TP, PGU-27; 20MM Linkless TP-T; 25MM Linkless, HEI; Inert rounds.

FY 12 provides funding to procure 20MM Linkless TP, PGU-27; 20MM Linkless HEI, PGU-28; 20MM Linked TP PGU-27; 20MM Linked, HEI, PGU-28; 20MM Linkless TP-T; 25MM Linkless TP; 25MM Linkless, HEI; Inert rounds.

FY 13 provides funding to procure 20MM Linkless TP, PGU-27; 20MM Linkless HEI PGU-28; 20MM Linked TP, PGU-27; 20MM Linked, HEI, PGU-28; 20MM Linkless TP-T; 25MM Linkless TP; 25MM Linkless, HEI; Inert rounds; 30MM Linked TP; 30MM Linked HEI.

FY 11 OCO provided funding to procure 20MM Linkless TP, PGU-27; 20MM Linkless HEI, PGU-28; 20MM Linked, TP, PGU-27; 20MM Linked, HEI; 25MM Linkless, HEI.

FY 12 OCO provides funding to procure 20MM Linkless TP, PGU-27; 20MM Linked TP, PGU-27; 25MM Linkless, HEI.

FY 13 OCO provides funding to procure 20MM Linkless TP, PGU-27; 20MM Linkless HEI, PGU-28; 25MM Linkless TP; 25MM Linkless HEI.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy	Date: February 2012
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Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition	P-1 Line Item Nomenclature: 0155 - Machine Gun Ammunition
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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)
Machine Gun Ammunition (See enclosed P-40A)	P40A, P5A, P21				308.092			89.551			40.188			21.266			21.500			42.766
Total Gross/Weapon System Cost				308.092			89.551			40.188			21.266			21.500			42.766	

*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 1 / BSA 1					P-1 Line Item Nomenclature: 0155 - Machine Gun Ammunition					Aggregated Item Name: Machine Gun 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) Machine Gun Ammunition																			
† 1.1) (Q4010) 20MM LINKLESS TP,PGU-27	A	-	-	94.814	9.47	3,356,072	31.784	9.94	1,597,595	15.882	10.25	845,463	8.663	10.25	1,268,293	13.000	10.25	2,113,756	21.663
† 1.2) (Q4050) 20MM LINKLESS, HEI PGU-28	A	-	-	48.394	23.10	779,221	18.000	23.80	210,084	5.000	24.51	238,474	5.845	24.51	224,398	5.500	24.51	462,872	11.345
† 1.3) (Q4060) 20MM LINKED, TP PGU-27	A	-	-	53.028	14.41	1,098,057	15.823	15.05	591,428	8.901	15.50	65	0.001	-	-	-	15.50	65	0.001
† 1.4) (Q4070) 20MM LINKED, HEI	A	-	-	61.689	20.79	673,401	14.000	21.41	47	0.001	22.05	45	0.001	-	-	-	22.05	45	0.001
† 1.5) (Q4080) 20MM LINKLESS, TP-T	A	-	-	1.849	14.56	165,316	2.407	15.17	183,916	2.790	15.63	64	0.001	-	-	-	15.63	64	0.001
† 1.6) (Q4090) 25MM LINKLESS TP	A	-	-	3.487	-	-	-	16.25	92,308	1.500	17.35	102,594	1.780	17.35	86,455	1.500	17.35	189,049	3.280
† 1.7) (Q4150) 25MM LINKLESS, HEI	A	-	-	5.117	39.22	120,576	4.729	40.00	75,000	3.000	40.80	49,020	2.000	40.80	36,765	1.500	40.80	85,785	3.500
† 1.8) (Q4200) INERT ROUND	A	-	-	0.300	18.03	5,546	0.100	18.57	5,385	0.100	19.13	5,227	0.100	-	-	-	19.13	5,227	0.100
† 1.9) (Q4210) 30MM LINKED TP	A	-	-	-	-	-	-	-	-	-	29.41	34	0.001	-	-	-	29.41	34	0.001
† 1.10) (Q4220) 30MM LINKED HEI	A	-	-	-	-	-	-	-	-	-	142.86	7	0.001	-	-	-	142.86	7	0.001
<i>Subtotal 1) Machine Gun Ammunition</i>				<i>268.678</i>			<i>86.843</i>			<i>37.174</i>			<i>18.393</i>			<i>21.500</i>			<i>39.893</i>
2) PRODUCT IMPROVEMENT																			
2.1) (Q4850) Machine Gun Ammunition	A	-	-	9.029	-	-	0.347	-	-	0.530	-	-	0.641	-	-	-	-	-	0.641
<i>Subtotal 2) PRODUCT IMPROVEMENT</i>				<i>9.029</i>			<i>0.347</i>			<i>0.530</i>			<i>0.641</i>			<i>0.000</i>			<i>0.641</i>
3) INTEGRATED LOGISTIC SUPPORT																			
3.1) (Q4800) Machine Gun Ammunition	A	-	-	5.163	-	-	0.520	-	-	0.582	-	-	0.654	-	-	-	-	-	0.654
<i>Subtotal 3) INTEGRATED LOGISTIC SUPPORT</i>				<i>5.163</i>			<i>0.520</i>			<i>0.582</i>			<i>0.654</i>			<i>0.000</i>			<i>0.654</i>

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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 1 / BSA 1					P-1 Line Item Nomenclature: 0155 - Machine Gun Ammunition									Aggregated Item Name: Machine Gun 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) PRODUCTION ENGINEERING																			
4.1) (Q4830) Machine Gun Ammunition	A	-	-	25.222	-	-	1.841	-	-	1.902	-	-	1.578	-	-	-	-	-	1.578
<i>Subtotal 4) PRODUCTION ENGINEERING</i>				25.222			1.841			1.902			1.578			0.000			1.578
Total				308.092			89.551			40.188			21.266			21.500			42.766

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 1 / BSA 1				P-1 Line Item Nomenclature: 0155 - Machine Gun Ammunition						Aggregated Item Name: Machine Gun 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
1) Machine Gun Ammunition												
†1.1 (Q4010) 20MM LINKLESS TP,PGU-27		2010	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2010	Apr 2011	2,776,911	12.56	Y		Sep 2008
†1.1 (Q4010) 20MM LINKLESS TP,PGU-27		2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jul 2011	Jul 2012	1,434,213	9.47	Y		Sep 2008
†1.1 (Q4010) 20MM LINKLESS TP,PGU-27	✓	2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jul 2011	Jul 2012	1,921,859	9.47	Y		Sep 2008
†1.1 (Q4010) 20MM LINKLESS TP,PGU-27		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	390,352	9.94	Y		Sep 2008
†1.1 (Q4010) 20MM LINKLESS TP,PGU-27	✓	2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	1,207,243	9.94	Y		Sep 2008
†1.1 (Q4010) 20MM LINKLESS TP,PGU-27		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	845,463	10.25	Y		Sep 2008
†1.1 (Q4010) 20MM LINKLESS TP,PGU-27	✓	2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	1,268,293	10.25	Y		Sep 2008
†1.2 (Q4050) 20MM LINKLESS, HEI PGU-28	✓	2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jul 2011	Jul 2012	779,221	23.10	Y		Sep 2008
†1.2 (Q4050) 20MM LINKLESS, HEI PGU-28		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	210,084	23.80	Y		Sep 2008
†1.2 (Q4050) 20MM LINKLESS, HEI PGU-28		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	238,474	24.51	Y		Sep 2008
†1.2 (Q4050) 20MM LINKLESS, HEI PGU-28	✓	2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	224,398	24.51	Y		Sep 2008
†1.3 (Q4060) 20MM LINKED, TP PGU-27		2010	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2010	Apr 2011	2,095,808	13.36	Y		Sep 2008
†1.3 (Q4060) 20MM LINKED, TP PGU-27	✓	2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jul 2011	Jul 2012	1,098,057	14.41	Y		Sep 2008

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0155 - Machine Gun Ammunition						Aggregated Item Name: Machine Gun 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
†1.3) (Q4060) 20MM LINKED, TP PGU-27		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	66	15.05	Y		Sep 2008
†1.3) (Q4060) 20MM LINKED, TP PGU-27	✓	2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	591,362	15.05	Y		Sep 2008
†1.3) (Q4060) 20MM LINKED, TP PGU-27		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	65	15.50	Y		Sep 2008
†1.4) (Q4070) 20MM LINKED, HEI		2010	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2010	Apr 2011	69,357	49.93	Y		Sep 2008
†1.4) (Q4070) 20MM LINKED, HEI	✓	2010	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2010	Apr 2011	300,421	49.93	Y		Sep 2008
†1.4) (Q4070) 20MM LINKED, HEI	✓	2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jun 2011	Jun 2012	673,401	20.79	Y		Sep 2008
†1.4) (Q4070) 20MM LINKED, HEI		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	47	21.41	Y		Sep 2008
†1.4) (Q4070) 20MM LINKED, HEI		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	45	22.05	Y		Sep 2008
1.5) (Q4080) 20MM LINKLESS , TP-T		2010	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2010	Apr 2011	54,748	24.64	Y		Sep 2008
1.5) (Q4080) 20MM LINKLESS , TP-T		2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jun 2011	Jun 2012	165,316	14.56	Y		Sep 2008
1.5) (Q4080) 20MM LINKLESS , TP-T		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	183,916	15.17	Y		Sep 2008
1.5) (Q4080) 20MM LINKLESS , TP-T		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	64	15.63	Y		Sep 2008
1.6) (Q4090) 25MM LINKLESS TP		2010	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2011	Apr 2012	183,914	18.96	Y		Sep 2008
1.6) (Q4090) 25MM LINKLESS TP		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	92,308	16.25	Y		Sep 2008

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0155 - Machine Gun Ammunition						Aggregated Item Name: Machine Gun 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
1.6) (Q4090) 25MM LINKLESS TP		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	102,594	17.35	Y		Sep 2008
1.6) (Q4090) 25MM LINKLESS TP	✓	2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	86,455	17.35	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI		2010	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2010	Apr 2011	72,115	41.60	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI	✓	2010	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2010	Apr 2011	18,871	38.63	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI		2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jun 2011	Jun 2012	56,196	39.22	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI	✓	2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jun 2011	Jun 2012	64,380	39.22	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	37,500	40.00	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI	✓	2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	37,500	40.00	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	49,020	40.80	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI	✓	2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	36,765	40.80	Y		Sep 2008
1.8) (Q4200) INERT ROUND		2010	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	NSWC CRANE, IN	Apr 2010	Apr 2011	5,714	17.50	Y		Sep 2008
1.8) (Q4200) INERT ROUND		2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	NSWC CRANE, IN	Jun 2011	Jun 2012	5,546	18.03	Y		Sep 2008
1.8) (Q4200) INERT ROUND		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	NSWC CRANE, INNSWC CRANE, IN	Apr 2012	Apr 2013	5,385	18.57	Y		Sep 2008
1.8) (Q4200) INERT ROUND		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	NSWC CRANE, IN	Apr 2013	Apr 2014	5,227	19.13	Y		Sep 2008

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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 1 / BSA 1	P-1 Line Item Nomenclature: 0155 - Machine Gun Ammunition	Aggregated Item Name: Machine Gun Ammunition
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.9) (Q4210) 30MM LINKED TP		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	34	29.41	Y		Sep 2008
1.10) (Q4220) 30MM LINKED HEI		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	7	142.86	Y		Sep 2008

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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0155 - Machine Gun Ammunition **Aggregated Item Name:** Machine Gun Ammunition

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													
							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) Machine Gun Ammunition																																	
1.1) (Q4010) 20MM LINKLESS TP,PGU-27																																	
	18	2010	NAVY	2777	0	2777	-	-	-	-	-	-	-	235.9	231	231	231	231	231	231	231	231	231	231	231	231	231	231					
	18	2011	NAVY	1434	0	1434	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	119.5	119.5	119.5	1076	
✓	18	2011	NAVY	1922	0	1922	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	160.2	160.2	160.2	1441		
	18	2012	NAVY	390.4	0	390.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	390.4			
✓	18	2012	NAVY	1207	0	1207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	1207			
	18	2013	NAVY	845.5	0	845.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	845.5			
✓	18	2013	NAVY	1268	0	1268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1268			
1.2) (Q4050) 20MM LINKLESS, HEI PGU-28																																	
✓	19	2011	NAVY	779.2	0	779.2	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	64.94	64.94	64.94	584.4
	19	2012	NAVY	210.1	0	210.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	210.1			
	19	2013	NAVY	238.5	0	238.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	238.5			
✓	19	2013	NAVY	224.4	0	224.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	224.4			
1.3) (Q4060) 20MM LINKED, TP PGU-27																																	
	20	2010	NAVY	2096	0	2096	-	-	-	-	-	-	-	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7			
✓	20	2011	NAVY	1098	0	1098	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	91.51	91.51	91.51	823.5
	20	2012	NAVY	.066	0	.066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	0.066			
✓	20	2012	NAVY	591.4	0	591.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	591.4			
	20	2013	NAVY	.065	0	.065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.065			
1.4) (Q4070) 20MM LINKED, HEI																																	
	21	2010	NAVY	69.36	0	69.36	-	-	-	-	-	-	-	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.777						
✓	21	2010	NAVY	300.4	0	300.4	-	-	-	-	-	-	-	25.04	25.04	25.04	25.04	25.04	25.04	25.04	25.04	25.04	25.04	25.04	25.04	25.04	25.04	25.04	25.04	25.04			
✓	21	2011	NAVY	673.4	0	673.4	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	56.12	56.12	56.12	448.9
	21	2012	NAVY	.047	0	.047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	0.047		
	21	2013	NAVY	.045	0	.045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.045		
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0155 - Machine Gun Ammunition **Aggregated Item Name:** Machine Gun Ammunition

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) Machine Gun Ammunition																															
1.1) (Q4010) 20MM LINKLESS TP,PGU-27																															
	18	2010	NAVY	2777	2777	0																									
	18	2011	NAVY	1434	358.6	1076	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5																	
✓	18	2011	NAVY	1922	480.5	1441	160.2	160.2	160.2	160.2	160.2	160.2	160.2	160.2																	
	18	2012	NAVY	390.4	0	390.4	-	-	-	-	-	-	32.53	32.53	32.53	32.53	32.53	32.53	32.53	32.53	32.53	32.53	32.53								
✓	18	2012	NAVY	1207	0	1207	-	-	-	-	-	-	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6								
	18	2013	NAVY	845.5	0	845.5	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	70.46	70.46	70.46	70.46	422.7		
✓	18	2013	NAVY	1268	0	1268	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	105.7	105.7	105.7	105.7	634.1		
1.2) (Q4050) 20MM LINKLESS, HEI PGU-28																															
✓	19	2011	NAVY	779.2	194.8	584.4	64.94	64.94	64.94	64.94	64.94	64.94	64.94	64.94																	
	19	2012	NAVY	210.1	0	210.1	-	-	-	-	-	-	17.51	17.51	17.51	17.51	17.51	17.51	17.51	17.51	17.51	17.51									
	19	2013	NAVY	238.5	0	238.5	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	19.87	19.87	19.87	19.87	119.2		
✓	19	2013	NAVY	224.4	0	224.4	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	18.7	18.7	18.7	18.7	112.2		
1.3) (Q4060) 20MM LINKED, TP PGU-27																															
	20	2010	NAVY	2096	2096	0																									
✓	20	2011	NAVY	1098	274.5	823.5	91.51	91.51	91.51	91.51	91.51	91.51	91.5	91.5	91.5																
	20	2012	NAVY	.066	0	.066	-	-	-	-	-	-	.005	.005	.005	.005	.005	.006	.006	.006	.006	.006	.006								
✓	20	2012	NAVY	591.4	0	591.4	-	-	-	-	-	-	49.28	49.28	49.28	49.28	49.28	49.28	49.28	49.28	49.28	49.28									
	20	2013	NAVY	.065	0	.065	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	.006	.006	.006	.006	0.03			
1.4) (Q4070) 20MM LINKED, HEI																															
	21	2010	NAVY	69.36	69.36	0																									
✓	21	2010	NAVY	300.4	300.4	0																									
✓	21	2011	NAVY	673.4	224.5	448.9	56.12	56.12	56.12	56.12	56.12	56.12	56.12	56.12																	
	21	2012	NAVY	.047	0	.047	-	-	-	-	-	-	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.003								
	21	2013	NAVY	.045	0	.045	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	.004	.004	.004	.004	0.021			
							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

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0155 - Machine Gun Ammunition **Aggregated Item Name:** Machine Gun Ammunition

COST ELEMENTS Units in Thousands							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														
							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) Machine Gun Ammunition																															
1.1) (Q4010) 20MM LINKLESS TP,PGU-27																															
	18	2010	NAVY	2777	2777	0																									
	18	2011	NAVY	1434	1434	0																									
✓	18	2011	NAVY	1922	1922	0																									
	18	2012	NAVY	390.4	390.4	0																									
✓	18	2012	NAVY	1207	1207	0																									
	18	2013	NAVY	845.5	422.7	422.7	70.46	70.46	70.46	70.46	70.46	70.46																			
✓	18	2013	NAVY	1268	634.1	634.1	105.7	105.7	105.7	105.7	105.7	105.7																			
1.2) (Q4050) 20MM LINKLESS, HEI PGU-28																															
✓	19	2011	NAVY	779.2	779.2	0																									
	19	2012	NAVY	210.1	210.1	0																									
	19	2013	NAVY	238.5	119.2	119.2	19.87	19.87	19.87	19.87	19.87	19.87																			
✓	19	2013	NAVY	224.4	112.2	112.2	18.7	18.7	18.7	18.7	18.7	18.7																			
1.3) (Q4060) 20MM LINKED, TP PGU-27																															
	20	2010	NAVY	2096	2096	0																									
✓	20	2011	NAVY	1098	1098	0																									
	20	2012	NAVY	.066	.066	0																									
✓	20	2012	NAVY	591.4	591.4	0																									
	20	2013	NAVY	.065	.035	.03	.005	.005	.005	.005	.005	.005																			
1.4) (Q4070) 20MM LINKED, HEI																															
	21	2010	NAVY	69.36	69.36	0																									
✓	21	2010	NAVY	300.4	300.4	0																									
✓	21	2011	NAVY	673.4	673.4	0																									
	21	2012	NAVY	.047	.047	0																									
	21	2013	NAVY	.045	.024	.021	.004	.004	.004	.003	.003	.003																			
							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 1 / BSA 1	P-1 Line Item Nomenclature: 0155 - Machine Gun Ammunition	Aggregated Item Name: Machine Gun Ammunition

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	GENERAL DYNAMICS OTS/ ATK - MARION, IL / LAKE CITY, MO	500	4500	10000	0	0	0	0	6	7	12	19
2	GENERAL DYNAMICS OTS/ ATK - MARION, IL / LAKE CITY, MO	125	1250	2000	0	0	0	0	6	7	12	19
3	GENERAL DYNAMICS OTS/ ATK - MARION, IL / LAKE CITY, MO	200	800	1200	0	0	0	0	6	7	12	19
4	GENERAL DYNAMICS OTS/ ATK - MARION, IL / LAKE CITY, MO	50	450	1000	0	0	0	0	6	7	12	19

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition	P-1 Line Item Nomenclature: 0160 - Practice Bombs
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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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)	663.611	31.171	35.289	34.319	-	34.319	38.740	30.240	30.623	31.173	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	663.611	31.171	35.289	34.319	-	34.319	38.740	30.240	30.623	31.173	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	663.611	31.171	35.289	34.319	-	34.319	38.740	30.240	30.623	31.173	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:

MISSION DESCRIPTION:

Practice Bombs are a low cost alternative to expenditures of live bombs for training. The MK 76 Practice Bomb simulates an unretarded MK 80 series bomb. It has a 25 lb cast iron shape with a breach hole for a MK 4 or CXU-3 signal cartridge, which provides a smoke signal cartridge or flash upon impact. The MK 82 Inert is a full-scale Practice Bomb. It is a MK 80 series bomb body filled with an inert material and has the same weight, size, center of gravity and ballistics of a live bomb. These items are procured by the Army Joint Munitions Command (JMC), the Single Manager for Conventional Ammunition.

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

The BDU-48 Practice Bomb is a thin cased 10 lb cylindrical practice bomb that simulates the same ballistic properties of a high-drag General Purpose Bomb. Since practice bombs contain no explosive filler, a practice bomb signal cartridge (smoke) is used for visual observation of weapon target impact. Practice bombs provide a low cost training device for pilot and ground handling crews. Due to the relatively small amount of explosive material in practice bombs (small signal charge), the availability of ranges for training is greatly increased. BDU-48 Practice Bombs were last procured in FY2009, awarded in FY2010 and deliveries will complete in FY2012.

The Production Engineering Support and Integrated Logistics are continuing annualized efforts associated with ongoing procurements of the Practice Bombs, associated Signal Cartridge, MK 82 Inert, MK 76, BDU-48, ELGTR, fins and other practice weapons and components. These efforts include: first article and quality assurance testing; production engineering support; technical manual updates; preparation/evaluation/approval of engineering change proposals; and response to fleet inquiries.

Product Improvement Program (PIP): The PIP cost element funds efforts to support investigation and implementation of alternative and innovative technologies to improve the reliability, capability and production characteristics of practice bombs, practice bomb components, guided training rounds and associated hardware also including the incorporation of engineering design changes to address manufacturing, production and obsolescence issues to modify and improve weapon system reliability. The PIP cost element also funds forward fit and retrofit modifications to guided training rounds. The Precision Guided Training Round (PGTR) will emulate precision guided weapons and will optimally meet all current and future precision guided weapon training requirements in a cost effective manner.

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition

P-1 Line Item Nomenclature:
 0160 - Practice Bombs

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

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

FY11 provides funding to procure MK 82 Inert, Enhanced Laser Guided Training Rounds and associated support.
 FY12 provides funding to procure MK 82 Inert, Enhanced Laser Guided Training Rounds and associated support.
 FY13 provides funding to procure MK 82 Inert, MK76, Enhanced Laser Guided Training Rounds and associated support.

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)
Practice Bombs (See enclosed P-40A)	P40A, P5A, P21				663.611			31.171			35.289			34.319			0.000			34.319
Total Gross/Weapon System Cost					663.611			31.171			35.289			34.319			-			34.319

*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 1 / BSA 1				P-1 Line Item Nomenclature: 0160 - Practice Bombs										Aggregated Item Name: Practice Bombs					
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) Procurements																			
† 1.1) Q1061 BDU-48	A	-	-	5.395	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
† 1.2) Q1010 MK 76 ⁽¹⁾	A	-	-	-	-	-	-	-	-	-	43.00	112,651	4.844	-	-	-	43.00	112,651	4.844
† 1.3) Q1040 MK 82 INERT	A	-	-	3.403	1,630.11	3,374	5.500	1,833.20	4,982	9.133	1,869.97	5,291	9.894	-	-	-	1,869.97	5,291	9.894
† 1.4) Q1300 ELGTR	A	-	-	15.593	2,791.05	8,198	22.881	2,970.89	7,110	21.123	3,039.50	4,911	14.927	-	-	-	3,039.50	4,911	14.927
<i>Subtotal 1) Procurements</i>				24.391			28.381			30.256			29.665			0.000			29.665
2) Integrated Logistics Support																			
2.1) Q1800 MK-76	A	-	-	-	-	-	-	-	-	-	-	-	0.035	-	-	-	-	-	0.035
2.2) Q1800 MK 82 INERT	A	-	-	0.025	-	-	0.050	-	-	0.026	-	-	0.027	-	-	-	-	-	0.027
2.3) Q1800 ELGTR	A	-	-	0.075	-	-	0.077	-	-	0.078	-	-	0.080	-	-	-	-	-	0.080
<i>Subtotal 2) Integrated Logistics Support</i>				0.100			0.127			0.104			0.142			0.000			0.142
3) Production Engineering																			
3.1) Q1830 MK-76	A	-	-	-	-	-	-	-	-	-	-	-	0.385	-	-	-	-	-	0.385
3.2) Q1830 MK 82 INERT	A	-	-	0.760	-	-	0.469	-	-	0.780	-	-	0.590	-	-	-	-	-	0.590
3.3) Q1830 ELGTR	A	-	-	2.990	-	-	0.969	-	-	2.587	-	-	1.190	-	-	-	-	-	1.190
<i>Subtotal 3) Production Engineering</i>				3.750			1.438			3.367			2.165			0.000			2.165
4) Miscellaneous Support																			
4.1) Q1062 Miscellaneous Items	A	-	-	0.970	-	-	0.940	-	-	0.938	-	-	1.033	-	-	-	-	-	1.033
4.2) Q1850 Product Improvement Program (PIP)	A	-	-	3.950	-	-	0.035	-	-	0.364	-	-	1.052	-	-	-	-	-	1.052
4.3) Q1894 Gaging	A	-	-	0.250	-	-	0.250	-	-	0.260	-	-	0.262	-	-	-	-	-	0.262
4.4) Prior Years	A	-	-	630.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) Miscellaneous Support</i>				635.370			1.225			1.562			2.347			0.000			2.347
Total				663.611			31.171			35.289			34.319			0.000			34.319

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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 1 / BSA 1	P-1 Line Item Nomenclature: 0160 - Practice Bombs	Aggregated Item Name: Practice Bombs

Remarks:

⁽¹⁾The BDU-33 will not be procured by the Navy as a result of a cost savings study that was conducted in FY2010. It was determined that it is more effecient to procure the MK76 over the BDU-33.

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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 1 / BSA 1	P-1 Line Item Nomenclature: 0160 - Practice Bombs	Aggregated Item Name: Practice Bombs
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Procurements												
†1.1) Q1061 BDU-48		2009	GTI, INC. / Auburndale, FL	SS / FP	JMC, Rock Island, IL	Feb 2010	Dec 2010	65,000	83.00	Y		Feb 2008
†1.2) Q1010 MK 76		2013	TBD / TBD	C / TBD	JMC, Rock Island, IL	Jan 2013	Jan 2014	112,651	43.00	Y		Jan 2012
†1.3) Q1040 MK 82 INERT		2011	General Dynamics / Garland, TX / MCAAP	SS / FP	JMC, Rock Island, IL	Aug 2011	Jun 2014	3,374	1,630.11	Y		Nov 2010
†1.3) Q1040 MK 82 INERT		2012	General Dynamics / Garland, TX / MCAAP	SS / FP	JMC, Rock Island, IL	Feb 2012	Dec 2014	4,982	1,833.20	Y		Nov 2011
†1.3) Q1040 MK 82 INERT		2013	General Dynamics / Garland, TX / MCAAP	SS / FP	JMC, Rock Island, IL	Feb 2013	Dec 2015	5,291	1,869.97	Y		Nov 2012
†1.4) Q1300 ELGTR		2009	Lockheed Martin Corporation / Archbald, PA	C / FP	NAVAIR, Pax River, MD	Mar 2009	Oct 2010	9,303	1,733.00	Y		Aug 2004
†1.4) Q1300 ELGTR ⁽²⁾		2010	Lockheed Martin Corporation / Archbald, PA	C / FP	NAVAIR, Pax River, MD	Sep 2010	Sep 2011	5,369	2,904.27	Y		Nov 2009
†1.4) Q1300 ELGTR		2011	Lockheed Martin Corporation / Archbald, PA	C / FP	NAVAIR, Pax River, MD	Feb 2011	Aug 2012	8,198	2,791.05	Y		Nov 2009
†1.4) Q1300 ELGTR		2012	Lockheed Martin Corporation / Archbald, PA	C / FP	NAVAIR, Pax River, MD	Mar 2012	Aug 2013	7,110	2,970.89	Y		Nov 2009
†1.4) Q1300 ELGTR		2013	Lockheed Martin Corporation / Archbald, PA	C / FP	NAVAIR, Pax River	Mar 2013	Aug 2014	4,911	3,039.50	Y		Nov 2009

Remarks:

⁽²⁾Q1300 ELGTR FY10 Date of First Delivery was moved from March 2012 to September 2011 to avoid a break in production.

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0160 - Practice Bombs **Aggregated Item Name:** Practice Bombs

COST ELEMENTS Units in Each						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											
							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) Procurements																																
1.1) Q1061 BDU-48																																
22	2009	NAVY	65000	0	65000	-	-	1920	3840	3840	1920	3840	7091	7091	7091	7091	7091	7091	7094													
1.2) Q1010 MK 76																																
23	2013	NAVY	112651	0	112651	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	112651	
1.3) Q1040 MK 82 INERT																																
24	2011	NAVY	3374	0	3374	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	3374	
24	2012	NAVY	4982	0	4982	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	4982	
24	2013	NAVY	5291	0	5291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5291	
1.4) Q1300 ELGTR																																
25	2009	NAVY	9303	0	9303	1500	800	400	600	1000	600	200	1000	800	1000	750	653															
25	2010	NAVY	5369	0	5369	-	-	-	-	-	-	-	-	-	-	-	300	750	600	600	600	600	600	600	600	600	600	719				
25	2011	NAVY	8198	0	8198	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	683	683	6832		
25	2012	NAVY	7110	0	7110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	7110		
25	2013	NAVY	4911	0	4911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4911		
						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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0160 - Practice Bombs **Aggregated Item Name:** Practice Bombs

COST ELEMENTS Units in Each							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) Procurements																																			
1.1) Q1061 BDU-48																																			
	22	2009	NAVY	65000	65000	0																													
1.2) Q1010 MK 76																																			
	23	2013	NAVY	112651	0	112651	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9388	9388	9388	9388	9388	9388	9388	9388	9388	28159
1.3) Q1040 MK 82 INERT																																			
	24	2011	NAVY	3374	0	3374	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3374			
	24	2012	NAVY	4982	0	4982	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4982	
	24	2013	NAVY	5291	0	5291	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5291		
1.4) Q1300 ELGTR																																			
	25	2009	NAVY	9303	9303	0																													
	25	2010	NAVY	5369	5369	0																													
	25	2011	NAVY	8198	1366	6832	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	685		
	25	2012	NAVY	7110	0	7110	-	-	-	-	-	-	-	-	-	-	-	750	750	750	750	750	750	750	720	750	750	390							
	25	2013	NAVY	4911	0	4911	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	750	750	3411	
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0160 - Practice Bombs **Aggregated Item Name:** Practice Bombs

COST ELEMENTS Units in Each							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													
							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) Procurements																														
1.1) Q1061 BDU-48																														
	22	2009	NAVY	65000	65000	0																								
1.2) Q1010 MK 76																														
	23	2013	NAVY	112651	84492	28159	9388	9388	9383																					
1.3) Q1040 MK 82 INERT																														
	24	2011	NAVY	3374	3374	0																								
	24	2012	NAVY	4982	0	4982	-	-	2491	2491																				
	24	2013	NAVY	5291	0	5291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2645	2646		
1.4) Q1300 ELGTR																														
	25	2009	NAVY	9303	9303	0																								
	25	2010	NAVY	5369	5369	0																								
	25	2011	NAVY	8198	8198	0																								
	25	2012	NAVY	7110	7110	0																								
	25	2013	NAVY	4911	1500	3411	750	750	750	750	411																			
							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 1 / BSA 1	P-1 Line Item Nomenclature: 0160 - Practice Bombs	Aggregated Item Name: Practice Bombs

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	GTI, INC. - Auburndale, FL	48000	48000	72000	0	5	10	15	0	0	0	0
2	TBD - TBD	0	0	0	0	4	12	16	0	0	0	0
3	General Dynamics - Garland, TX / MCAAP	7200	10800	45600	0	5	34	39	0	0	0	0
4	Lockheed Martin Corporation - Archbald, PA	4000	11520	20430	0	0	17	17	0	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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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition	P-1 Line Item Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices
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Resource Summary	Prior Years	Program Elements for Code B Items:					Other Related Program Elements:					
		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)	459.593	51.361	46.716	53.755	-	53.755	55.038	56.005	56.833	57.856	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	459.593	51.361	46.716	53.755	-	53.755	55.038	56.005	56.833	57.856	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	459.593	51.361	46.716	53.755	-	53.755	55.038	56.005	56.833	57.856	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:

Life-limited energetic devices utilized in aircraft egress and safety systems, personnel gear, and to release a weapon or other store from the aircraft - 676 distinct devices; 46,000 install and 300,000 stores release devices per year utilized in USN, MC platforms. The CAD/PAD yearly requirement is modeled based upon the active Aircraft in OPNAV's A2 report and the assigned service life of the individual CAD/PADs. Due to the individually unique service lives, the yearly requirement of items and their respective quantities is variable.

Stores Release

Stores Release cartridges are utilized to release weapons and other stores from aircraft. The JAU-22/B impulse cartridge is utilized to eject sonobouys, the CCU-107 to release "light" weapons/stores from aircraft, and the CCU-45 (MD65) to release "heavy" weapons/stores. 10 additional distinct stores release CADs, with yearly procurements typically less than \$500K, are procured under the miscellaneous devices budget line.

Safety

Items such as safety/arming devices, sequence controls, shielded mild detonating cords, gas generators, initiators, thrusters, fire extinguisher cartridges, thermal batteries, rocket motors, catapults, etc, are used in aircraft emergency escape and safety systems. The total number and type of devices installed varies with the type of aircraft, for example: F/A-18F(109), T-6A (65), EA-6B(45), T-45(76), T/AV-8(90), MV-22 (63) and AH-1(27). These explosives have finite service lives and are replaced during scheduled maintenance. An aircraft may be grounded if a single one of these items does not meet standard. The devices age at the same rate whether the aircraft is operating in a war time or peace time environment, and thus the requirement is calendar driven. Life support devices such as the Sea Water Activated Release System, FLU-12/P Deck Crew Life Vest Inflator and the FLU-8B/P automatic life vest inflator are essential to crew survival after ejection or being thrown overboard. The budget request provides specific funding for the procurement of Thermal Battery (CWDR), MK 122 Parachute Deployment Rocket Motor (PDRM), MK 123/124 Underseat Rocket Motors (USRM), FLU-8/9/12 Inflators, JAU-74/B initiator/CCU-146/A Cartridge, F-18 DIFRS, Naval Aircrew Common Ejection Seat (NACES), F-18E/F/G and MV-22 fire suppression gas generators, and various T-6A Joint Program Aircraft Training System (JPATS) CAD/PADs. The remaining 626 distinct safety CAD/PADs, with yearly procurements typically less than \$500K, are procured under the misc devices budget line.

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

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

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

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition	P-1 Line Item Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Quality Assurance: Provides quality assurance of the product as the lot is being accepted for service use.

PIP: PIPs are conducted as part of a continuing effort to correct deficiencies in areas of safety, reliability, maintainability, producibility, and to increase the service life of CAD/PADs.

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

FY11 provides funding for JAU-22B initiator cartridge, CCU-107 Impulse cartridge, CCU-45 Impulse cartridge, Thermal Battery (CWDR), MK 122 Parachute Deploy Rocket Motor, MK 123/124 Underseat Rocket Motor, FLU-8/9/12 Inflators, JAU-74 initiator/CCU-146 cartridge, F-18 DIFRS, NACES CADs, F-18E/F/G & V-22 Fire Suppression Gas Generators, T-6A (JPATS) CADs/PADs, other Miscellaneous CADs Under \$500k and associated support.

FY12 provides funding for JAU-22B initiator cartridge, CCU-107 Impulse cartridge, CCU-45 Impulse cartridge, Thermal Battery (CWDR), MK 122 Parachute Deploy Rocket Motor, MK 123/124 Underseat Rocket Motor, FLU-8/9/12 Inflators, JAU-74 initiator/CCU-146 cartridge, F-18 DIFRS, NACES CADs, F-18E/F/G & V-22 Fire Suppression Gas Generators, T-6A (JPATS) CADs/PADs, other Miscellaneous CADs Under \$500k and associated support.

FY13 provides funding for JAU-22B initiator cartridge, CCU-107 Impulse cartridge, CCU-45 Impulse cartridge, Thermal Battery (CWDR), MK 122 Parachute Deploy Rocket Motor, MK 123/124 Underseat Rocket Motor, FLU-8/9/12 Inflators, JAU-74 initiator/CCU-146 cartridge, F-18 DIFRS, NACES CADs, F-18E/F/G & V-22 Fire Suppression Gas Generators, T-6A (JPATS) CADs/PADs, other Miscellaneous CADs Under \$500k and associated support.

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)
Cartridge Actuated Devices/ Propellant Act Devices (See enclosed P-40A)	P40A, P5A				459.593			51.361			46.716			53.755			0.000			53.755
Total Gross/Weapon System Cost					459.593			51.361			46.716			53.755			-			53.755

*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 1 / BSA 1	P-1 Line Item Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices	Aggregated Item Name: Cartridge Actuated Devices/Propellant Act Devices
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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)
1) Hardware-Stores Release																			
† 1.1) (Q8090) JAU-22/B Initiator CTG (MF64) ⁽¹⁾	A	-	-	1.542	20.31	75,000	1.523	27.00	40,000	1.080	29.70	40,000	1.188	-	-	-	29.70	40,000	1.188
† 1.2) (Q8200) CCU-107 Impulse CTG (MT95/JM92) ⁽²⁾	A	-	-	0.987	8.01	180,000	1.441	10.98	20,000	0.219	8.82	140,000	1.234	-	-	-	8.82	140,000	1.234
† 1.3) (Q8201) CCU-45 Impulse CTG (MD65) ⁽³⁾	A	-	-	0.550	7.33	75,000	0.550	8.60	20,000	0.172	11.45	55,323	0.633	-	-	-	11.45	55,323	0.633
<i>Subtotal 1) Hardware-Stores Release</i>				3.079			3.514			1.471			3.055			0.000			3.055
2) Hardware Safety																			
† 2.1) (Q8060) Thermal Battery (CWDR)	A	-	-	0.756	4,117.65	170	0.700	4,469.39	147	0.657	4,547.17	159	0.723	-	-	-	4,547.17	159	0.723
† 2.2) (Q2070) MK 122 Parachute Deploy RCKT (MT29) - NSWC, Indian Head	A	-	-	0.548	1,860.00	300	0.558	1,900.00	300	0.570	1,930.00	300	0.579	-	-	-	1,930.00	300	0.579
† 2.3) (Q2070) MK 122 Parachute Deploy RCKT (MT29)	A	-	-	2.806	3,942.45	556	2.192	4,671.34	499	2.331	3,657.68	371	1.357	-	-	-	3,657.68	371	1.357
† 2.4) (Q8071) MK 123 Underseat RCKT Motor (MT30) - Reworked	A	-	-	0.233	4,246.07	29	0.123	-	-	-	-	-	-	-	-	-	-	-	-
† 2.5) (Q8071) MK 123 Underseat RCKT Motor (MT30)	A	-	-	0.121	12,084.63	8	0.096	12,846.15	39	0.501	13,051.28	39	0.509	-	-	-	13,051.28	39	0.509
† 2.6) (Q8081) MK 124 Underseat RCKT Motor (MT31) - Reworked	A	-	-	0.327	4,078.43	51	0.208	-	-	-	-	-	-	-	-	-	-	-	-
† 2.7) (Q8081) MK 124 Underseat RCKT Motor (MT31)	A	-	-	0.061	-	-	-	12,706.67	75	0.953	12,746.84	79	1.007	-	-	-	12,746.84	79	1.007

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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 1 / BSA 1

P-1 Line Item Nomenclature:
0180 - Cartridge Actuated Devices/Propellant Act Devices

Aggregated Item Name:
Cartridge Actuated Devices/Propellant Act Devices

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)
2.8) (Q8140) FLU-8/9/12 Inflators (FW98/BY81JL09)	A	-	-	1.370	-	-	2.717	-	-	2.874	-	-	3.711	-	-	-	-	-	3.711
2.9) (Q8160) JAU-74 INIT/CCU-146 CTG (WB15/16)	A	-	-	1.324	-	-	1.433	-	-	2.616	-	-	2.594	-	-	-	-	-	2.594
2.10) (Q8180) F-18 DIFRS (SR95/WB19)	A	-	-	1.252	-	-	2.848	-	-	3.183	-	-	0.934	-	-	-	-	-	0.934
2.11) (Q8300) Navy Aircrew Common Ejection Seats	A	-	-	1.588	-	-	1.179	-	-	2.256	-	-	1.562	-	-	-	-	-	1.562
2.12) (Q8301) F-18E/F/G & V-22 Fire Suppression Gas	A	-	-	1.613	-	-	1.564	-	-	3.080	-	-	3.692	-	-	-	-	-	3.692
2.13) (Q8302) T-6A (JPATS) CAD/PADs	A	-	-	-	-	-	6.323	-	-	4.523	-	-	5.488	-	-	-	-	-	5.488
<i>Subtotal 2) Hardware Safety</i>				11.999			19.941			23.544			22.156			0.000			22.156
3) Hardware-Misc. Devices																			
3.1) (Q8600) Misc. Devices Under \$500k ⁽⁴⁾	A	-	-	18.659	-	-	13.367	-	-	7.857	-	-	15.407	-	-	-	-	-	15.407
<i>Subtotal 3) Hardware-Misc. Devices</i>				18.659			13.367			7.857			15.407			0.000			15.407
4) (Q8800) Intergrated Logistics Support																			
4.1) Stores Release ILS	A	-	-	0.160	-	-	0.165	-	-	0.161	-	-	0.213	-	-	-	-	-	0.213
4.2) Safety ILS	A	-	-	0.493	-	-	0.737	-	-	0.749	-	-	0.707	-	-	-	-	-	0.707
4.3) Misc. Devices ILS	A	-	-	0.580	-	-	0.368	-	-	0.338	-	-	0.358	-	-	-	-	-	0.358
<i>Subtotal 4) (Q8800) Intergrated Logistics Support</i>				1.233			1.270			1.248			1.278			0.000			1.278
5) (Q8820) Reliability Life																			

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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 1 / BSA 1

P-1 Line Item Nomenclature:
0180 - Cartridge Actuated Devices/Propellant Act Devices

Aggregated Item Name:
Cartridge Actuated Devices/Propellant Act Devices

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)
5.1) Stores Release Reliability Life	A	-	-	0.106	-	-	0.109	-	-	0.104	-	-	0.100	-	-	-	-	-	0.100
5.2) Safety Reliability Life	A	-	-	0.326	-	-	0.487	-	-	0.495	-	-	0.360	-	-	-	-	-	0.360
5.3) Misc. Devices Reliability Life	A	-	-	0.383	-	-	0.243	-	-	0.221	-	-	0.191	-	-	-	-	-	0.191
<i>Subtotal 5) (Q8820) Reliability Life</i>				<i>0.815</i>			<i>0.839</i>			<i>0.820</i>			<i>0.651</i>			<i>0.000</i>			<i>0.651</i>
6) (Q8830) Production Engineering																			
6.1) Stores Release PES	A	-	-	0.630	-	-	0.649	-	-	0.640	-	-	0.835	-	-	-	-	-	0.835
6.2) Safety PES	A	-	-	1.940	-	-	2.898	-	-	2.944	-	-	2.776	-	-	-	-	-	2.776
6.3) Misc. Devices PES	A	-	-	2.280	-	-	1.449	-	-	0.795	-	-	0.913	-	-	-	-	-	0.913
<i>Subtotal 6) (Q8830) Production Engineering</i>				<i>4.850</i>			<i>4.996</i>			<i>4.379</i>			<i>4.524</i>			<i>0.000</i>			<i>4.524</i>
7) (Q8840) Quality Assurance																			
7.1) Stores Release QA	A	-	-	0.089	-	-	0.091	-	-	0.090	-	-	0.117	-	-	-	-	-	0.117
7.2) Safety QA	A	-	-	0.273	-	-	0.407	-	-	0.410	-	-	0.419	-	-	-	-	-	0.419
7.3) Misc. Devices QA	A	-	-	0.320	-	-	0.204	-	-	0.183	-	-	0.190	-	-	-	-	-	0.190
<i>Subtotal 7) (Q8840) Quality Assurance</i>				<i>0.682</i>			<i>0.702</i>			<i>0.683</i>			<i>0.726</i>			<i>0.000</i>			<i>0.726</i>
8) (Q8850) Product Improvement																			
8.1) Stores Release PIP	A	-	-	0.383	-	-	0.395	-	-	0.383	-	-	0.507	-	-	-	-	-	0.507
8.2) Safety PIP	A	-	-	1.179	-	-	1.761	-	-	1.795	-	-	1.808	-	-	-	-	-	1.808
8.3) Misc. Devices PIP	A	-	-	1.386	-	-	0.881	-	-	0.806	-	-	0.857	-	-	-	-	-	0.857
<i>Subtotal 8) (Q8850) Product Improvement</i>				<i>2.948</i>			<i>3.037</i>			<i>2.984</i>			<i>3.172</i>			<i>0.000</i>			<i>3.172</i>
9) (Q8860) Acceptance Testing																			
9.1) Stores Release Acceptance Testing	A	-	-	0.466	-	-	0.480	-	-	0.476	-	-	0.357	-	-	-	-	-	0.357

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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 1 / BSA 1					P-1 Line Item Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices								Aggregated Item Name: Cartridge Actuated Devices/Propellant Act Devices					

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)
9.2) Safety Acceptance Testing	A	-	-	1.435	-	-	2.143	-	-	2.274	-	-	1.619	-	-	-	-	-	1.619
9.3) Misc. Devices Acceptance Testing	A	-	-	1.686	-	-	1.072	-	-	0.980	-	-	0.810	-	-	-	-	-	0.810
<i>Subtotal 9) (Q8860) Acceptance Testing</i>				3.587			3.695			3.730			2.786			0.000			2.786
10) Prior Years																			
10.1) Prior To FY10	A	-	-	411.741	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 10) Prior Years</i>				411.741			0.000			0.000			0.000			0.000			0.000
Total				459.593			51.361			46.716			53.755			0.000			53.755

Remarks:

- (1) FY11 and FY12 unit costs were updated for actual contract award pricing. FY13-17 unit costs were updated to coincide with the slightly lower unit costs of the previous years' contract awards
- (2) FY11 and FY12 unit costs were updated for actual contract award pricing. FY13-17 unit costs were updated to coincide with the slightly lower unit costs of the previous years' contract awards
- (3) FY11 and FY12 unit costs were updated for actual contract award pricing. FY13-17 unit costs were updated to coincide with the slightly lower unit costs of the previous years' contract awards.
- (4) Regarding Miscellaneous Devices, there is a specific dollar threshold for these items where CADPAD also procures Initiator and Impulse Cartridges, along with other devices.

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices						Aggregated Item Name: Cartridge Actuated Devices/Propellant Act Devices		
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) Hardware-Stores Release												
1.1) (Q8090) JAU-22/B Initiator CTG (MF64)		2010	AMTEC CORPORATION / JANESVILLE, WI	C / FP	NAVSUP	Sep 2010	Apr 2011	75,000	20.57	Y		Oct 2009
1.1) (Q8090) JAU-22/B Initiator CTG (MF64)		2011	AMTEC CORPORATION / JANESVILLE, WI	C / FP	NAVSUP	Dec 2010	Jul 2011	75,000	20.31	Y		Oct 2010
1.1) (Q8090) JAU-22/B Initiator CTG (MF64)		2012	TBD / TBD	C / FP	NAVSUP	Apr 2012	Apr 2013	40,000	27.00	Y		Oct 2011
1.1) (Q8090) JAU-22/B Initiator CTG (MF64)		2013	TBD / TBD	C / FP	NAVSUP	Apr 2013	Apr 2014	40,000	29.70	Y		Oct 2012
1.2) (Q8200) CCU-107 Impulse CTG (MT95/JM92)		2010	Pyrotechnic Specialties / Byron, GA	C / FP	NAVSUP	Sep 2010	Apr 2011	110,000	8.97	Y		Oct 2009
1.2) (Q8200) CCU-107 Impulse CTG (MT95/JM92)		2011	Pyrotechnic Specialties / Byron, GA	C / FP	NAVSUP	Mar 2011	May 2012	180,000	8.01	Y		Oct 2010
1.2) (Q8200) CCU-107 Impulse CTG (MT95/JM92)		2012	Pyrotechnic Specialties / Byron, GA	C / FP	NAVSUP	Dec 2011	Jun 2012	20,000	10.98	Y		Oct 2011
1.2) (Q8200) CCU-107 Impulse CTG (MT95/JM92)		2013	TBD / TBD	C / FP	NAVSUP	Apr 2013	Apr 2014	140,000	8.82	Y		Oct 2012
1.3) (Q8201) CCU-45 Impulse CTG (MD65)		2010	Technical Ordnance 1, Inc / Clear Lake, SD	C / FP	NAVSUP	Sep 2010	Apr 2011	75,000	7.33	Y		Oct 2009
1.3) (Q8201) CCU-45 Impulse CTG (MD65)		2011	Technical Ordnance 1, Inc / Clear Lake, SD	C / FP	NAVSUP	Dec 2010	May 2011	75,000	7.33	Y		Oct 2010
1.3) (Q8201) CCU-45 Impulse CTG (MD65)		2012	Technical Ordnance 1, Inc / Clear Lake, SD	C / FP	NAVSUP	Nov 2011	Jul 2012	20,000	8.60	Y		Oct 2011
1.3) (Q8201) CCU-45 Impulse CTG (MD65)		2013	TBD / TBD	C / FP	NAVSUP	Apr 2013	Apr 2014	55,323	11.45	Y		Oct 2012
2) Hardware Safety												
2.1) (Q8060) Thermal Battery (CWDR)		2010	MARTIN-BAKER A/ CRT C / MIDDLESEX GB	C / FP	NAVAIR	Mar 2010	Apr 2011	198	3,818.18	Y		Oct 2009
2.1) (Q8060) Thermal Battery (CWDR)		2011	MARTIN-BAKER A/ CRT C / MIDDLESEX GB	C / FP	NAVAIR	Mar 2011	Feb 2012	170	4,117.65	Y		Oct 2010
2.1) (Q8060) Thermal Battery (CWDR)		2012	TBD / TBD	C / FP	NAVAIR	Apr 2012	Apr 2013	147	4,469.39	Y		Oct 2011
2.1) (Q8060) Thermal Battery (CWDR)		2013	TBD / TBD	C / FP	NAVAIR	Apr 2013	Apr 2014	159	4,547.17	Y		Oct 2012
2.2) (Q2070) MK 122 Parachute Deploy RCKT (MT29) - NSWC, Indian Head ⁽⁵⁾		2010	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Jun 2010	Sep 2010	300	1,826.67	Y		
2.2) (Q2070) MK 122 Parachute Deploy RCKT (MT29) - NSWC, Indian Head ⁽⁶⁾		2011	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Oct 2010	Oct 2011	300	1,860.00	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 1 / BSA 1				P-1 Line Item Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices						Aggregated Item Name: Cartridge Actuated Devices/Propellant Act Devices		
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) (Q2070) MK 122 Parachute Deploy RCKT (MT29) - NSWC, Indian Head ⁽⁷⁾		2012	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Jan 2012	Jan 2013	300	1,900.00	Y		
2.2) (Q2070) MK 122 Parachute Deploy RCKT (MT29) - NSWC, Indian Head		2013	NSWC INDIAN HEAD DIV / Indian Head, MD	C / TBD	NSWC	Jan 2013	Jan 2014	300	1,930.00	N		
2.3) (Q2070) MK 122 Parachute Deploy RCKT (MT29)		2010	MARTIN-BAKER A/CRT C / MIDDLESEX, GB	C / FP	NAVSUP	Dec 2009	Sep 2010	874	3,833.65	Y		Oct 2009
2.3) (Q2070) MK 122 Parachute Deploy RCKT (MT29)		2011	MARTIN-BAKER A/CRT C / MIDDLESEX, GB	C / FP	NAVSUP	Jul 2011	Aug 2012	556	3,942.45	Y		Oct 2010
2.3) (Q2070) MK 122 Parachute Deploy RCKT (MT29)		2012	TBD- FY12 / TBD	C / FP	NAVSUP	Apr 2012	Apr 2013	499	4,671.34	Y		Oct 2011
2.3) (Q2070) MK 122 Parachute Deploy RCKT (MT29)		2013	TBD / TBD	C / FP	NAVSUP	Apr 2013	Apr 2014	371	3,657.68	Y		Oct 2012
2.4) (Q8071) MK 123 Underseat RCKT Motor (MT30) - Reworked ⁽⁸⁾		2010	MARTIN-BAKER A/ CFT / MIDDLESEX, GB	C / FP	NAVSUP	Sep 2010	Apr 2011	62	3,754.14	Y		Oct 2009
2.4) (Q8071) MK 123 Underseat RCKT Motor (MT30) - Reworked		2011	MARTIN-BAKER A/ CFT / MIDDLESEX, GB	C / TBD	NAVSUP	Mar 2011	Apr 2012	29	4,246.07	N		Oct 2010
2.5) (Q8071) MK 123 Underseat RCKT Motor (MT30)		2010	MARTIN-BAKER A/CFT C / MIDDLESEX, GB	C / FP	NAVSUP	Sep 2010	Apr 2011	12	10,083.33	Y		Oct 2009
2.5) (Q8071) MK 123 Underseat RCKT Motor (MT30)		2011	MARTIN-BAKER A/CFT C / MIDDLESEX, GB	C / FP	NAVSUP	Jul 2011	Mar 2012	8	12,084.63	Y		Oct 2010
2.5) (Q8071) MK 123 Underseat RCKT Motor (MT30)		2012	TBD / TBD	C / FP	NAVSUP	Apr 2012	Apr 2013	39	12,846.15	Y		Oct 2011
2.5) (Q8071) MK 123 Underseat RCKT Motor (MT30)		2013	TBD / TBD	C / FP	NAVSUP	Apr 2013	Apr 2014	39	13,051.28	Y		Oct 2012
2.6) (Q8081) MK 124 Underseat RCKT Motor (MT31) - Reworked ⁽⁹⁾		2010	MARTIN-BAKER A/CFT C / MIDDLESEX, GB	C / FP	NAVSUP	Sep 2010	Apr 2011	87	3,754.14	Y		Oct 2009
2.6) (Q8081) MK 124 Underseat RCKT Motor (MT31) - Reworked		2011	MARTIN-BAKER A/CFT C / MIDDLESEX, GB	C / TBD	NAVSUP	Mar 2011	Apr 2012	51	4,078.43	N		Oct 2010
2.7) (Q8081) MK 124 Underseat RCKT Motor (MT31)		2010	MARTIN-BAKER A/ CFT / MIDDLESEX, GB	C / FP	NAVSUP	Sep 2010	Apr 2011	6	10,157.56	Y		Oct 2009
2.7) (Q8081) MK 124 Underseat RCKT Motor (MT31)		2012	TBD / TBD	C / FP	NAVSUP	Apr 2012	Apr 2013	75	12,706.67	Y		Oct 2011
2.7) (Q8081) MK 124 Underseat RCKT Motor (MT31)		2013	TBD / TBD	C / FP	NAVSUP	Apr 2013	Apr 2014	79	12,746.84	Y		Oct 2012

Remarks:

⁽⁵⁾For FY10, 300 units of MK 122 Parachute Deployment Rocket Motors will be produced by the organic manufacturing facility located at the NSWC Indian Head, MD. Actual contract method/type is PX; current XML does not permit indicating this. The difference in the unit price between the commercial and organic facility is that the propellant and hardware for the organic effort will have already been procured under MISC Devices line.

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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 1 / BSA 1	P-1 Line Item Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices	Aggregated Item Name: Cartridge Actuated Devices/Propellant Act Devices

- ⁽⁶⁾For FY11, 300 units of MK 122 Parachute Deployment Rocket Motors will be produced by the organic manufacturing facility located at the NSWC Indian Head, MD. Actual contract method/type is PX; current XML does not permit indicating this. The difference in the unit price between the commercial and organic facility is that the propellant and hardware for the organic effort will have already been procured under MISC Devices line.
- ⁽⁷⁾For FY12, 300 units of MK 122 Parachute Deployment Rocket Motors will be produced by the organic manufacturing facility located at the NSWC Indian Head, MD. Actual contract method/type is PX; current XML does not permit indicating this. The difference in the unit price between the commercial and organic facility is that the propellant and hardware for the organic effort will have already been procured under MISC Devices line.
- ⁽⁸⁾Quantity of 62 units in FY10 and 29 units in FY11 of MK 123 Underseat Rocket Motors will be procured as reworked units. This is the upload portion of the requirement. The difference in the unit price between the upload portion of rework units and buying new is that the hardware is refurbished and the propellant has already been procured under the MISC Devices line.
- ⁽⁹⁾Quantity of 87 units in FY10 and 51 units in FY11 of MK 124 Underseat Rocket Motors will be procured as reworked units. This is the upload portion of the requirement. The difference in the unit price between the upload portion of rework units and buying new is that the hardware is refurbished and the propellant has already been procured under the MISC Devices line.

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition

P-1 Line Item Nomenclature:
0182 - Air Expendable Countermeasures

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)	750.062	92.940	80.677	61.693	20.303	81.996	63.574	64.897	65.826	67.033	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	750.062	92.940	80.677	61.693	20.303	81.996	63.574	64.897	65.826	67.033	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	750.062	92.940	80.677	61.693	20.303	81.996	63.574	64.897	65.826	67.033	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:

The Airborne Expendable Countermeasures (AECM) line provides funding for procurement of countermeasure self-protection devices for all Navy and Marine Corps tactical, rotary and other fixed-wing aircraft. The AECM Program is divided into the following threat related categories: (a) air-launched chaff, (b) Radio Frequency (RF) Active Jammers, (c) Infra-Red (IR) decoys, (d) associated impulse cartridges, (e) configuration items, and (f) support costs.

Chaff Countermeasures: Procurement of RR-144A training rounds is in support of all airframes except the USMC KC-130J/T. Procurement of the RR-144A and 1X1X8" RR-188 training rounds are necessary as they do not interfere with Federal Aviation Administration radars. The RR-170A is the operational round procured in support of the KC-130J/T and UC-35D.

Active Jammers: The Advanced Airborne Expendable Decoy (AAED), part of the ALE-50 program, is being replaced by the ALE-55 Fiber Optic Towed Decoy (FOTD). The FOTD, when integrated with the rest of the F/A-18E/F EW suite (i.e., ALQ-214, ALR-67(V)3, ALE-47 and ALE-50), the associated cockpit controls, displays and other avionics significantly improves the survivability of the host aircraft in a Radio Frequency (RF) threat environment. The FOTD is part of the Integrated Defensive Electronic Countermeasure (IDECM) Radio Frequency Countermeasure (RFCM) Block 3 (IB-3) program. IOT&E found IB-3 effective, not suitable. Verification of Correction to Deficiencies (VCD) identified during IOT&E is required. VCD completed 2Q FY 2011. ALE-55 (FOTD) Full Rate Production (FRP) awarded July 2011. Initial Operational Capability (IOC) planned July 2011. AAED and FOTD were developed utilizing RDT&E, N PE 0604270N, Project Unit 2175. The GEN-X active RF decoy is dispensed from the ALE-47 system and protects all Navy and Marine Corps fixed wing aircraft from modern surface-to-air and air-to-air threats.

IR Decoys: The MJU-49/32/38 are currently used by all aircraft except the KC130J/T to provide self protection from surface to air/air to air Infra-Red missiles. The SM-875 is a dedicated, low cost-training device. The MJU-57 provides a kinematic Infra-Red Countermeasure. Procurement of advanced spectral countermeasures (M216/MJU-66) will begin in FY 2012 in support of KC-130J/T and UC-35D. If successful, M216 technology will be transitioned to MJU-67

Impulse Cartridges: Used to propel the self-protection devices away from the aircraft. The Hazards of Electromagnetic Radiation to Ordnance (HERO) safe CCU-136A/A is used by all airframes except the KC-130J. The CCU-145A is a HERO safe version and is used on KC-130J and UC-35 square expendables.

Configuration Items*: An Internal Reprogramming (serial number FY10-18IR) was approved 30 August 2010. These funds will be used for procurement of Configuration Item -3 (CI-3). Will start procurement on all other Configuration Items (CI-5, CI-6, CI-10) in FY 2011.

Support costs: Provide for required Production Engineering, Product Improvement, Quality Assurance, Acceptance Test and Evaluation, and Integrated Logistic Support by NAVAIR engineering/cognizant field activities.

Overseas Contingency Operations (OCO): All OCO funding is being used to procure countermeasure items as follows (dollars in thousands):

OCO	FY 2011	FY 2012	FY 2013
MJU-32	4,400	2,525	1,656
MJU-38	4,000	1,874	939

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition

P-1 Line Item Nomenclature:
0182 - Air Expendable Countermeasures

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

MJU-49	11,549	9,328	11,321
MJU-57	4,600	2,493	1,790
CCU-136	2,042	3,780	1,154
CCU-145			30
MJU-61			22
MJU-64			391
SM-875	7,041		3,000
TOTAL	33,632	20,000	20,303

* Configuration Items are classified.

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)
Air Expendable Countermeasures (See enclosed P-40A)	P40A, P5A, P21				750.062			92.940			80.677			61.693			20.303			81.996
Total Gross/Weapon System Cost					750.062			92.940			80.677			61.693			20.303			81.996

*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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0182 - Air Expendable Countermeasures **Aggregated Item Name:** Air Expendable Countermeasures

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) ACTIVE JAMMERS																			
1.1) ALE-50 (AAED)	A	-	-	54.095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) ALE-55 (FOTD)	A	-	-	54.950	60,849.00	282	17.159	53,437.32	343	18.329	59,558.64	324	19.297	-	-	-	59,558.64	324	19.297
<i>Subtotal 1) ACTIVE JAMMERS</i>				109.045			17.159			18.329			19.297			0.000			19.297
2) IR DECOYS																			
† 2.1) MJU-32 DECOY DEVICE	A	-	-	31.925	46.91	165,267	7.752	49.78	132,043	6.573	48.85	84,770	4.141	48.85	33,900	1.656	48.85	118,670	5.797
† 2.2) MJU-38 DECOY DEVICE	A	-	-	27.296	48.27	128,205	6.188	43.09	87,282	3.761	51.43	18,024	0.927	51.43	18,258	0.939	51.43	36,282	1.866
† 2.3) MJU-49/B DECOY DEVICE	A	-	-	171.537	96.20	196,985	18.949	103.33	144,568	14.938	97.11	56,688	5.505	97.11	107,311	10.421	97.11	163,999	15.926
† 2.4) MJU-55 COMPANION	A	-	-	20.105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2.5) MJU-57 KINEMATIC	A	-	-	41.782	147.00	74,150	10.900	182.77	55,924	10.221	185.87	42,410	7.883	185.88	9,630	1.790	185.88	52,040	9.673
† 2.6) MJU-61	A	-	-	-	-	-	-	21.00	19,048	0.400	21.37	19,000	0.406	21.38	1,029	0.022	21.37	20,029	0.428
† 2.7) MJU-64	A	-	-	-	-	-	-	-	-	-	-	-	0.000	85.33	4,582	0.391	85.33	4,582	0.391
† 2.8) M216 KJ/ MJU-66	A	-	-	-	-	-	-	198.33	12,575	2.494	201.70	12,107	2.442	-	-	-	201.70	12,107	2.442
† 2.9) MJU-67	A	-	-	-	-	-	-	207.47	12,532	2.600	210.99	25,148	5.306	-	-	-	210.99	25,148	5.306
† 2.10) SM875B (TRAINING FLARE)	A	-	-	19.263	26.95	283,037	7.628	26.56	94,188	2.502	27.02	96,833	2.616	27.02	111,029	3.000	27.02	207,862	5.616
<i>Subtotal 2) IR DECOYS</i>				311.908			51.417			43.489			29.226			18.219			47.445
3) IMPULSE CARTRIDGES																			
† 3.1) CCU-136A/ A	A	-	-	29.543	3.39	1,026,185	3.479	4.05	1,431,398	5.797	4.12	499,267	2.057	4.12	280,097	1.154	4.12	779,364	3.211
† 3.2) CCU-145A	A	-	-	1.660	-	-	-	6.10	199,607	1.218	6.21	200,000	1.242	6.21	4,831	0.030	6.21	204,831	1.272
<i>Subtotal 3) IMPULSE CARTRIDGES</i>				31.203			3.479			7.015			3.299			1.184			4.483
4) CHAFF COUNTERMEASURES																			
† 4.1) RR-144A (TRAINING CHAFF)	A	-	-	10.972	13.77	106,276	1.463	13.18	88,769	1.170	13.40	99,744	1.337	-	-	-	13.40	99,744	1.337
† 4.2) RR-170A (CHAFF 1X1)	A	-	-	0.336	-	-	-	2.93	38,239	0.112	2.98	38,271	0.114	-	-	-	2.98	38,271	0.114
† 4.3) RR-188 (CHAFF)	A	-	-	0.121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0182 - Air Expendable Countermeasures **Aggregated Item Name:** Air Expendable Countermeasures

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)
<i>Subtotal 4) CHAFF COUNTERMEASURES</i>				11.429			1.463			1.282			1.451			0.000			1.451
5) CONFIGURATION ITEMS																			
† 5.1) CI-3	A	-	-	13.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) CI-5	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) CI-6	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) CI-10	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5) CI-12	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) CONFIGURATION ITEMS</i>				13.500			0.000			0.000			0.000			0.000			0.000
6) INTEGRATED LOGISTICS SUPPORT																			
6.1) ACTIVE JAMMERS ILS	A	-	-	1.558	-	-	0.191	-	-	0.196	-	-	0.202	-	-	-	-	-	0.202
6.2) IR DECOYS ILS	A	-	-	9.937	-	-	1.473	-	-	0.613	-	-	0.653	-	-	-	-	-	0.653
6.3) IMPULSE CARTRIDGES ILS	A	-	-	1.260	-	-	0.050	-	-	0.085	-	-	0.090	-	-	-	-	-	0.090
6.4) CHAFF COUNTERMEASURES ILS	A	-	-	0.672	-	-	0.080	-	-	0.047	-	-	0.050	-	-	-	-	-	0.050
6.5) CONFIGURATION ITEMS ILS	A	-	-	0.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) INTEGRATED LOGISTICS SUPPORT</i>				13.527			1.794			0.941			0.995			0.000			0.995
7) PRODUCTION ENGINEERING SUPPORT																			
7.1) ACTIVE JAMMERS PES	A	-	-	23.787	-	-	1.662	-	-	1.723	-	-	1.431	-	-	-	-	-	1.431
7.2) IR DECOYS PES	A	-	-	44.720	-	-	3.956	-	-	1.817	-	-	0.830	-	-	-	-	-	0.830
7.3) IMPULSE CARTRIDGES PES	A	-	-	4.169	-	-	0.330	-	-	0.190	-	-	0.150	-	-	-	-	-	0.150
7.4) CHAFF COUNTERMEASURES PES	A	-	-	1.910	-	-	0.150	-	-	0.076	-	-	0.060	-	-	-	-	-	0.060

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0182 - Air Expendable Countermeasures **Aggregated Item Name:** Air Expendable Countermeasures

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) CONFIGURATION ITEMS PES	A	-	-	1.208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 7) PRODUCTION ENGINEERING SUPPORT</i>				75.794			6.098			3.806			2.471			0.000			2.471
8) PRODUCT IMPROVEMENT PROGRAM																			
8.1) ACTIVE JAMMERS PIP	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.2) IR DECOYS PIP	A	-	-	72.665	-	-	4.772	-	-	2.118	-	-	2.169	-	-	-	-	-	2.169
8.3) IMPULSE CARTRIDGES PIP	A	-	-	10.739	-	-	0.390	-	-	0.297	-	-	0.296	-	-	-	-	-	0.296
8.4) CHAFF COUNTERMEASURES PIP	A	-	-	0.330	-	-	0.030	-	-	0.016	-	-	0.016	-	-	-	-	-	0.016
8.5) CONFIGURATION ITEMS PIP	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 8) PRODUCT IMPROVEMENT PROGRAM</i>				83.734			5.192			2.431			2.481			0.000			2.481
9) ACCEPTANCE TEST & EVALUATION																			
9.1) ACTIVE JAMMERS	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.2) IR DECOYS	A	-	-	80.930	-	-	5.823	-	-	2.412	-	-	1.847	-	-	0.900	-	-	2.747
9.3) IMPULSE CARTRIDGES	A	-	-	14.426	-	-	0.362	-	-	0.767	-	-	0.494	-	-	-	-	-	0.494
9.4) CHAFF COUNTERMEASURES	A	-	-	4.566	-	-	0.153	-	-	0.205	-	-	0.132	-	-	-	-	-	0.132
9.5) CONFIGURATION ITEMS	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 9) ACCEPTANCE TEST & EVALUATION</i>				99.922			6.338			3.384			2.473			0.900			3.373
Total				750.062			92.940			80.677			61.693			20.303			81.996

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 1 / BSA 1				P-1 Line Item Nomenclature: 0182 - Air Expendable Countermeasures						Aggregated Item Name: Air Expendable Countermeasures		
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) ACTIVE JAMMERS												
†1.2) ALE-55 (FOTD)		2008	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVAIR	Jun 2008	Dec 2009	150	88,686.00	Y		Jan 2008
†1.2) ALE-55 (FOTD)		2009	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVAIR	Apr 2009	Nov 2010	251	55,960.16	Y		Jan 2008
†1.2) ALE-55 (FOTD)		2010	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVAIR	Jun 2010	Oct 2011	334	61,874.00	Y		Sep 2009
†1.2) ALE-55 (FOTD)		2011	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVAIR	Jul 2011	Aug 2012	282	60,849.00	Y		Sep 2010
†1.2) ALE-55 (FOTD)		2012	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVAIR	Mar 2012	May 2013	343	53,437.32	Y		Jun 2011
†1.2) ALE-55 (FOTD)		2013	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVAIR	Mar 2013	May 2014	324	59,558.64	Y		Jun 2012
2) IR DECOYS												
2.1) MJU-32 DECOY DEVICE		2008	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Mar 2009	Apr 2009	70,497	36.20	Y		Oct 2008
†2.1) MJU-32 DECOY DEVICE		2009	KILGORE FLARES / TOONE, TN	C / FP	NAVICP	Apr 2009	Feb 2010	182,310	47.09	Y		Oct 2008
†2.1) MJU-32 DECOY DEVICE	✓	2009	KILGORE FLARES / TOONE, TN	C / FP	NAVICP	Jan 2010	Jul 2011	24,906	48.18	Y		Oct 2009
†2.1) MJU-32 DECOY DEVICE		2010	KILGORE FLARES / TOONE, TN	C / FP	NAVICP	Jan 2010	Jun 2011	26,836	48.18	Y		Oct 2009
†2.1) MJU-32 DECOY DEVICE	✓	2010	KILGORE FLARES / TOONE, TN	C / FP	NAVICP	Jan 2010	Jul 2011	33,997	48.18	Y		Oct 2009
†2.1) MJU-32 DECOY DEVICE		2011	KILGORE FLARES / TOONE, TN	C / FP	NAVSUP WSS	Feb 2011	Dec 2011	72,655	46.14	Y		Oct 2010
†2.1) MJU-32 DECOY DEVICE	✓	2011	KILGORE FLARES / TOONE, TN	C / FP	NAVSUP WSS	Jun 2011	May 2012	92,612	47.51	Y		Oct 2010
†2.1) MJU-32 DECOY DEVICE		2012	KILGORE FLARES / TOONE, TN	C / FP	NAVSUP WSS	Jan 2012	Jun 2012	81,320	49.78	Y		Oct 2011
†2.1) MJU-32 DECOY DEVICE	✓	2012	KILGORE FLARES / TOONE, TN	C / FP	NAVSUP WSS	Jan 2012	Jun 2012	50,723	49.78	Y		Oct 2011
†2.1) MJU-32 DECOY DEVICE		2013	KILGORE FLARES / TOONE, TN	C / FP	NAVSUP WSS	Dec 2012	Mar 2013	84,770	48.85	Y		Oct 2012
†2.1) MJU-32 DECOY DEVICE	✓	2013	KILGORE FLARES / TOONE, TN	C / FP	NAVSUP WSS	Dec 2012	Mar 2013	33,900	48.85	Y		Oct 2012
†2.2) MJU-38 DECOY DEVICE		2009	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVICP	Apr 2009	Nov 2009	153,541	41.70	Y		Oct 2008
†2.2) MJU-38 DECOY DEVICE		2010	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVICP	Jan 2010	Dec 2010	12,901	41.70	Y		Oct 2009
†2.2) MJU-38 DECOY DEVICE	✓	2010	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVICP	Jan 2010	Jan 2011	86,018	41.70	Y		Oct 2009
†2.2) MJU-38 DECOY DEVICE		2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVSUP WSS	Mar 2011	Oct 2011	46,036	47.53	Y		Oct 2010
†2.2) MJU-38 DECOY DEVICE	✓	2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVSUP WSS	Jul 2011	Oct 2011	82,169	48.68	Y		Oct 2010
†2.2) MJU-38 DECOY DEVICE		2012	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVSUP WSS	Jan 2012	Jun 2012	43,792	43.09	Y		Oct 2011
†2.2) MJU-38 DECOY DEVICE	✓	2012	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVSUP WSS	Jan 2012	Jun 2012	43,490	43.09	Y		Oct 2011
†2.2) MJU-38 DECOY DEVICE		2013	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVSUP WSS	Jan 2013	Mar 2013	18,024	51.43	Y		Oct 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 1 / BSA 1				P-1 Line Item Nomenclature: 0182 - Air Expendable Countermeasures						Aggregated Item Name: Air Expendable Countermeasures		
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) MJU-38 DECOY DEVICE	✓	2013	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVSUP WSS	Jan 2013	Mar 2013	18,258	51.43	Y		Oct 2012
†2.3) MJU-49/B DECOY DEVICE	✓	2009	ALLOY SURFACES, INC. / ASTON, PA	SS / FP	NAVICP	Sep 2009	Mar 2010	158,940	91.89	Y		May 2008
†2.3) MJU-49/B DECOY DEVICE		2010	ALLOY SURFACES, INC. / ASTON, PA	SS / FP	NAVICP	Jul 2010	Dec 2010	107,059	94.62	Y		Dec 2009
†2.3) MJU-49/B DECOY DEVICE		2011	ALLOY SURFACES, INC. / ASTON, PA	SS / FP	NAVSUP WSS	Mar 2011	Jul 2011	74,929	98.76	Y		Oct 2010
†2.3) MJU-49/B DECOY DEVICE	✓	2011	ALLOY SURFACES, INC. / ASTON, PA	SS / FP	NAVSUP WSS	Jun 2011	Mar 2012	122,056	94.62	Y		Oct 2010
†2.3) MJU-49/B DECOY DEVICE		2012	ALLOY SURFACES, INC. / ASTON, PA	SS / FP	NAVSUP WSS	Dec 2011	May 2012	54,294	103.33	Y		Oct 2011
†2.3) MJU-49/B DECOY DEVICE	✓	2012	ALLOY SURFACES, INC. / ASTON, PA	SS / FP	NAVSUP WSS	Dec 2011	May 2012	90,274	103.33	Y		Oct 2011
†2.3) MJU-49/B DECOY DEVICE		2013	ALLOY SURFACES, INC. / ASTON, PA	SS / FP	NAVSUP WSS	Dec 2012	Apr 2013	56,688	97.11	Y		Oct 2012
†2.3) MJU-49/B DECOY DEVICE	✓	2013	ALLOY SURFACES, INC. / ASTON, PA	SS / FP	NAVSUP WSS	Dec 2012	Apr 2013	107,311	97.11	Y		Oct 2012
2.4) MJU-55 COMPANION		2008	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Mar 2008	Jul 2010	36,450	121.63	Y		Dec 2007
†2.5) MJU-57 KINEMATIC		2008	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Apr 2008	Apr 2010	40,000	197.08	Y		Jan 2008
†2.5) MJU-57 KINEMATIC		2009	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Jun 2010	Sep 2011	5,653	176.90	Y		Jan 2009
†2.5) MJU-57 KINEMATIC		2010	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Feb 2010	Nov 2010	37,421	176.88	Y		Dec 2009
†2.5) MJU-57 KINEMATIC		2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Jan 2011	Nov 2011	42,857	147.00	Y		Dec 2010
†2.5) MJU-57 KINEMATIC	✓	2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Jun 2011	Apr 2012	31,293	147.00	Y		Dec 2010
†2.5) MJU-57 KINEMATIC		2012	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Jan 2012	Jul 2012	42,284	182.77	Y		Dec 2011
†2.5) MJU-57 KINEMATIC	✓	2012	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Jan 2012	Jul 2012	13,640	182.77	Y		Dec 2011
†2.5) MJU-57 KINEMATIC		2013	TBD / TBD	C / TBD	NAVSUP WSS	Apr 2013	Aug 2013	42,410	185.87	N	Dec 2012	Dec 2012
†2.5) MJU-57 KINEMATIC	✓	2013	TBD / TBD	C / TBD	NAVSUP WSS	Apr 2013	Aug 2013	9,630	185.88	N	Dec 2012	Dec 2012
2.6) MJU-61		2012	TBD / TBD	C / FP	NAVSUP WSS	Mar 2012	Nov 2012	19,048	21.00	Y		Jan 2012
2.6) MJU-61		2013	TBD / TBD	C / TBD	NAVSUP WSS	Mar 2013	Nov 2013	19,000	21.37	N	Dec 2012	Jan 2013
2.6) MJU-61	✓	2013	TBD / TBD	C / TBD	NAVSUP WSS	Mar 2013	Nov 2013	1,029	21.38	N	Dec 2012	Jan 2013

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0182 - Air Expendable Countermeasures						Aggregated Item Name: Air Expendable Countermeasures		
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) MJU-64	✓	2013	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Dec 2012	Jun 2013	4,582	85.33	N	Oct 2012	Oct 2012
2.8) M216 KJ/MJU-66		2012	ALLOY SURFACES, INC. / ASTON, PA	C / FP	NAVSUP WSS	Mar 2012	Nov 2012	12,575	198.33	Y		Jan 2012
2.8) M216 KJ/MJU-66		2013	TBD / TBD	TBD	NAVSUP WSS	Mar 2013	Nov 2013	12,107	201.70	Y		Jan 2013
†2.9) MJU-67		2012	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Mar 2012	Aug 2012	12,532	207.47	N	Oct 2011	Jan 2012
†2.9) MJU-67		2013	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Mar 2013	Aug 2013	25,148	210.99	N	Oct 2011	Jan 2013
†2.10) SM875B (TRAINING FLARE)		2009	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVICP	Feb 2009	Sep 2010	204,000	14.45	Y		Jan 2009
†2.10) SM875B (TRAINING FLARE)		2010	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVICP	Aug 2010	Sep 2011	70,000	25.71	Y		Jan 2010
†2.10) SM875B (TRAINING FLARE)		2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVSUP WSS	Nov 2010	Oct 2011	23,309	25.18	Y		Oct 2010
†2.10) SM875B (TRAINING FLARE)	✓	2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVSUP WSS	Sep 2011	Apr 2012	259,728	27.11	Y		Jul 2011
†2.10) SM875B (TRAINING FLARE)		2012	TBD / TBD	C / FP	NAVSUP WSS	May 2012	Nov 2012	94,188	26.56	Y		Jan 2012
†2.10) SM875B (TRAINING FLARE)		2013	TBD / TBD	C / TBD	NAVSUP WSS	Mar 2013	Jul 2013	96,833	27.02	Y		Dec 2012
†2.10) SM875B (TRAINING FLARE)	✓	2013	TBD / TBD	C / TBD	NAVSUP WSS	Mar 2013	Jul 2013	111,029	27.02	Y		Dec 2012
3) IMPULSE CARTRIDGES												
3.1) CCU-136A/A		2007	CAPCO, INC / GRAND JUNCTION, CO	C / FP	NAVICP	May 2009	Mar 2010	545,983	3.76	Y		Dec 2006
3.1) CCU-136A/A		2009	CAPCO, INC / GRAND JUNCTION, CO	C / FP	NAVICP	May 2009	Mar 2010	54,017	3.76	Y		Dec 2008
3.1) CCU-136A/A	✓	2009	CAPCO, INC / GRAND JUNCTION, CO	C / FP	NAVICP	Aug 2009	Dec 2010	99,246	3.76	Y		Jul 2009
3.1) CCU-136A/A		2010	CAPCO, INC / GRAND JUNCTION, CO	C / FP	NAVICP	Mar 2010	Apr 2011	262,552	3.92	Y		Dec 2009
3.1) CCU-136A/A	✓	2010	CAPCO, INC / GRAND JUNCTION, CO	C / FP	NAVICP	Mar 2010	Aug 2011	70,407	3.92	Y		Dec 2009
3.1) CCU-136A/A		2011	CAPCO, INC / GRAND JUNCTION, CO	C / FP	NAVSUP WSS	Jun 2011	Nov 2011	423,893	3.39	Y		Dec 2010
3.1) CCU-136A/A	✓	2011	CAPCO, INC / GRAND JUNCTION, CO	C / FP	NAVSUP WSS	Jun 2011	Oct 2011	602,292	3.39	Y		Dec 2010
†3.1) CCU-136A/A		2012	TBD / TBD	C / FP	NAVSUP WSS	May 2012	Sep 2012	498,065	4.05	Y		Dec 2011
†3.1) CCU-136A/A	✓	2012	TBD / TBD	C / FP	NAVSUP WSS	May 2012	Sep 2012	933,333	4.05	Y		Dec 2011
3.1) CCU-136A/A		2013	TBD / TBD	C / TBD	NAVSUP WSS	Jun 2013	Oct 2013	499,267	4.12	Y		Dec 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 1 / BSA 1	P-1 Line Item Nomenclature: 0182 - Air Expendable Countermeasures	Aggregated Item Name: Air Expendable Countermeasures
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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) CCU-136A/A	✓	2013	TBD / TBD	C / TBD	NAVSUP WSS	Jun 2013	Oct 2013	280,097	4.12	Y		Dec 2012
3.2) CCU-145A		2009	CAPCO, INC / GRAND JUNCTION, CO	C / FP	NAVICP	Oct 2009	Nov 2009	166,000	10.00	Y		Jan 2009
3.2) CCU-145A		2012	TBD / TBD	C / FP	NAVSUP WSS	May 2012	Oct 2012	199,607	6.10	Y		Jan 2012
3.2) CCU-145A		2013	TBD / TBD	C / TBD	NAVSUP WSS	May 2013	Oct 2013	200,000	6.21	Y		Jan 2013
3.2) CCU-145A	✓	2013	TBD / TBD	C / TBD	NAVSUP WSS	May 2013	Oct 2013	4,831	6.21	Y		Jan 2013
4) CHAFF COUNTERMEASURES												
4.1) RR-144A (TRAINING CHAFF)		2010	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVICP	Feb 2010	Jun 2010	84,615	12.76	Y		Jan 2010
4.1) RR-144A (TRAINING CHAFF)		2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVSUP WSS	Feb 2011	Apr 2011	106,276	13.77	Y		Jan 2011
4.1) RR-144A (TRAINING CHAFF)		2012	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVSUP WSS	Apr 2012	Dec 2012	88,769	13.18	Y		Jan 2012
4.1) RR-144A (TRAINING CHAFF)		2013	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / TBD	NAVSUP WSS	Apr 2013	Jun 2013	99,744	13.40	Y		Jan 2013
4.2) RR-170A (CHAFF 1X1)		2012	TBD / TBD	C / FP	NAVSUP WSS	May 2012	Mar 2013	38,239	2.93	Y		Nov 2011
4.2) RR-170A (CHAFF 1X1)		2013	TBD / TBD	C / TBD	NAVSUP WSS	May 2013	Mar 2013	38,271	2.98	Y		Nov 2012
4.3) RR-188 (CHAFF)		2010	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FP	NAVICP	Mar 2010	Apr 2010	21,328	2.86	Y		Jan 2010
5) CONFIGURATION ITEMS												
†5.1) CI-3		2010	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVSUP WSS	Aug 2011	Aug 2012	200	67,500.00	Y		Mar 2011

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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0182 - Air Expendable Countermeasures **Aggregated Item Name:** Air Expendable Countermeasures

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														
							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) ACTIVE JAMMERS																															
1.2) ALE-55 (FOTD)																															
	26	2008	NAVY	.15	114	.036	.025	.011																							
	26	2009	NAVY	.251	0	.251	-	.008	.04	.018	.028	.013	.019	.019	.02	.02	.033	.033													
	26	2010	NAVY	.334	0	.334	-	-	-	-	-	-	-	-	-	-	-	.028	.034	.034	.034	.034	.034	.034	.034	.034	.034				
	26	2011	NAVY	.282	0	.282	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	.023	.023	0.236		
	26	2012	NAVY	.343	0	.343	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	0.343			
	26	2013	NAVY	.324	0	.324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.324			
2) IR DECOYS																															
2.1) MJU-32 DECOY DEVICE																															
	27	2009	NAVY	182.3	108000	74.31	-	-	-	15	15	15	8	7.31	7	7															
✓	27	2009	NAVY	24.91	0	24.91	-	-	-	-	-	-	-	-	-	11	13.91														
	27	2010	NAVY	26.84	0	26.84	-	-	-	-	-	-	-	-	4	-	5	5	5	7.836											
✓	27	2010	NAVY	34	0	34	-	-	-	-	-	-	-	-	-	1	6	6	5.997	8	7										
	27	2011	NAVY	72.66	0	72.66	-	-	-	-	A	-	-	-	-	-	-	-	-	14.7	14.7	14.7	14.7	13.86							
✓	27	2011	NAVY	92.61	0	92.61	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	14.7	14.7	14.7	14.7	19.11		
	27	2012	NAVY	81.32	0	81.32	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	7.35	7.35	7.35	51.92			
✓	27	2012	NAVY	50.72	0	50.72	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	7.35	7.35	7.35	21.32			
	27	2013	NAVY	84.77	0	84.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84.77			
✓	27	2013	NAVY	33.9	0	33.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.9			
2.2) MJU-38 DECOY DEVICE																															
	28	2009	NAVY	153.5	134000	19.54	10	9.541																							
	28	2010	NAVY	12.9	0	12.9	-	-	1	1	1	1	1	1	1	1	2	2.901													
✓	28	2010	NAVY	86.02	0	86.02	-	-	-	9.5	9.5	9.5	9.5	9.5	9.5	9.5	10.02														
	28	2011	NAVY	46.04	0	46.04	-	-	-	-	-	A	-	-	-	-	-	8.664	-	14.7	-	14.7	-	7.972							
✓	28	2011	NAVY	82.17	0	82.17	-	-	-	-	-	-	-	-	A	-	-	4.095	20.58	-	20.58	-	20.58	-	16.33						
	28	2012	NAVY	43.79	0	43.79	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	5	5	5	23.79			
✓	28	2012	NAVY	43.49	0	43.49	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	5	5	5	23.49			
	28	2013	NAVY	18.02	0	18.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.02			
							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

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1	P-1 Line Item Nomenclature: 0182 - Air Expendable Countermeasures	Aggregated Item Name: Air Expendable Countermeasures
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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														
							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		
✓	28	2013	NAVY	18.26	0	18.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.26	
2.3) MJU-49/B DECOY DEVICE																																	
✓	29	2009	NAVY	158.9	10000	48.94	17	17	8	6.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	29	2010	NAVY	107.1	0	107.1	-	-	12	13	20	20	20	18	4.059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	29	2011	NAVY	74.93	0	74.93	-	-	-	-	-	A	-	-	-	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	5.809	-	-	-	-	-	-
✓	29	2011	NAVY	122.1	0	122.1	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	11.47	17.28	17.28	17.28	17.28	17.28	17.28	6.905
	29	2012	NAVY	54.29	0	54.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	5	5	9	9	9	17.29
✓	29	2012	NAVY	90.27	0	90.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	5	8	9	9	9	50.27	
	29	2013	NAVY	56.69	0	56.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56.69	
✓	29	2013	NAVY	107.3	0	107.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	107.3	
2.5) MJU-57 KINEMATIC																																	
	30	2013	NAVY	42.41	0	42.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.41	
✓	30	2013	NAVY	9.63	0	9.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.63	
	31	2008	NAVY	40	31000	9	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	31	2009	NAVY	5.653	0	5.653	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.653	-	-	-	-	-	-	-
	31	2010	NAVY	37.42	0	37.42	-	2.421	5	5	5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	-	-	-	-	-	-	-	-	-	-	-	-	
	31	2011	NAVY	42.86	0	42.86	-	-	-	A	-	-	-	-	-	-	-	-	-	-	7.2	7.2	7.2	7.2	7.2	2.5	2.5	1.857	-	-	-	-	
✓	31	2011	NAVY	31.29	0	31.29	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	7.2	7.2	7.2	2	2	2	2	3.693	
	31	2012	NAVY	42.28	0	42.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	24.28		
✓	31	2012	NAVY	13.64	0	13.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	7.64	-	-	
2.9) MJU-67																																	
	32	2012	NAVY	12.53	0	12.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	6.532	
	32	2013	NAVY	25.15	0	25.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.15	
2.10) SM875B (TRAINING FLARE)																																	
	33	2012	NAVY	94.19	0	94.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	94.19	
	33	2013	NAVY	96.83	0	96.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96.83	
✓	33	2013	NAVY	111	0	111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	111	
	34	2009	NAVY	204	22000	182	22	22	22	22	22	22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	-	-	-	-	-	
	34	2010	NAVY	70	0	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	10	10	10	10	10	-	-	-	-	-	-
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0182 - Air Expendable Countermeasures **Aggregated Item Name:** Air Expendable Countermeasures

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) ACTIVE JAMMERS																																
1.2) ALE-55 (FOTD)																																
	26	2008	NAVY	.15	114	0																										
	26	2009	NAVY	.251	.251	0																										
	26	2010	NAVY	.334	.334	0																										
	26	2011	NAVY	.282	.046	.236	.023	.024	.024	.024	.024	.024	.024	.023	.023	.023																
	26	2012	NAVY	.343	0	.343	-	-	-	-	-	-	-	.027	.027	.028	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029				
	26	2013	NAVY	.324	0	.324	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	.027	.027	.027	.027	.027	.027	.189
2) IR DECOYS																																
2.1) MJU-32 DECOY DEVICE																																
	27	2009	NAVY	182.3	108074	0																										
✓	27	2009	NAVY	24.91	24.91	0																										
	27	2010	NAVY	26.84	26.84	0																										
✓	27	2010	NAVY	34	34	0																										
	27	2011	NAVY	72.66	72.66	0																										
✓	27	2011	NAVY	92.61	73.5	19.11	14.7	4.412																								
	27	2012	NAVY	81.32	29.4	51.92	7.35	7.35	7.35	14.7	14.7	.47																				
✓	27	2012	NAVY	50.72	29.4	21.32	7.35	7.35	6.623																							
	27	2013	NAVY	84.77	0	84.77	-	-	A -	-	-	7.115	7.35	7.35	7.35	10.2	14.7	14.7	14.7	1.305												
✓	27	2013	NAVY	33.9	0	33.9	-	-	A -	-	-	7.115	7.35	7.35	7.35	4.735																
2.2) MJU-38 DECOY DEVICE																																
	28	2009	NAVY	153.5	34020	0																										
	28	2010	NAVY	12.9	12.9	0																										
✓	28	2010	NAVY	86.02	86.02	0																										
	28	2011	NAVY	46.04	46.04	0																										
✓	28	2011	NAVY	82.17	82.17	0																										
	28	2012	NAVY	43.79	20	23.79	5	5	5	5	3.792																					
✓	28	2012	NAVY	43.49	20	23.49	5	5	5	5	3.49																					
	28	2013	NAVY	18.02	0	18.02	-	-	-	A -	-	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5					
							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	

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0182 - Air Expendable Countermeasures **Aggregated Item Name:** Air Expendable Countermeasures

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	
✓	28	2013	NAVY	18.26	0	18.26	-	-	-	A -	-	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.758			
2.3) MJU-49/B DECOY DEVICE																																
✓	29	2009	NAVY	158.9	10049	0																										
	29	2010	NAVY	107.1	107.1	0																										
	29	2011	NAVY	74.93	74.93	0																										
✓	29	2011	NAVY	122.1	115.2	6.905	6.905																									
	29	2012	NAVY	54.29	37	17.29	9	8.294																								
✓	29	2012	NAVY	90.27	40	50.27	9	9.706	8.64	8.64	8.64	5.648																				
	29	2013	NAVY	56.69	0	56.69	-	-	A -	-	-	-	8.64	8.64	8.64	8.64	8.64	8.64	4.848													
✓	29	2013	NAVY	107.3	0	107.3	-	-	A -	-	-	-	8.64	8.64	8.64	8.64	8.64	8.64	3.792	17.28	17.28	17.12										
2.5) MJU-57 KINEMATIC																																
	30	2013	NAVY	42.41	0	42.41	-	-	-	-	-	-	A -	-	-	-	3.6	3.6	4.77	7.2	7.2	7.2	7.2	1.64								
✓	30	2013	NAVY	9.63	0	9.63	-	-	-	-	-	-	A -	-	-	-	3.6	3.6	2.43													
	31	2008	NAVY	40	31009	0																										
	31	2009	NAVY	5.653	5.653	0																										
	31	2010	NAVY	37.42	37.42	0																										
	31	2011	NAVY	42.86	42.86	0																										
✓	31	2011	NAVY	31.29	27.6	3.693	2	1.693																								
	31	2012	NAVY	42.28	18	24.28	6	6	6	6.284																						
✓	31	2012	NAVY	13.64	6	7.64	2	2	2	1.64																						
2.9) MJU-67																																
	32	2012	NAVY	12.53	6	6.532	3	3.532																								
	32	2013	NAVY	25.15	0	25.15	-	-	-	-	-	-	A -	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	1.148		
2.10) SM875B (TRAINING FLARE)																																
	33	2012	NAVY	94.19	0	94.19	-	8	8	8	8	8	18	18	18.19																	
	33	2013	NAVY	96.83	0	96.83	-	-	-	-	-	A -	-	-	-	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8.833		
✓	33	2013	NAVY	111	0	111	-	-	-	-	-	A -	-	-	-	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1.029		
	34	2009	NAVY	204	22182	0																										
	34	2010	NAVY	70	70	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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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0182 - Air Expendable Countermeasures **Aggregated Item Name:** Air Expendable Countermeasures

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
	34	2011	NAVY	23.31	23.31	0																								
✓	34	2011	NAVY	259.7	129.9	129.9	21.64	21.64	21.64	21.64	21.64	21.64																		
3) IMPULSE CARTRIDGES																														
3.1) CCU-136A/A																														
	35	2012	NAVY	498.1	41.6	456.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6													
✓	35	2012	NAVY	933.3	78	855.3	78	78	78	78	78	78	78	78	78	78	78	75.33												
5) CONFIGURATION ITEMS																														
5.1) CI-3																														
	36	2010	NAVY	.2	.04	.16	.02	.02	.02	.02	.02	.02	.02	.02																
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0182 - Air Expendable Countermeasures **Aggregated Item Name:** Air Expendable Countermeasures

COST ELEMENTS Units in Thousands							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												
							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) ACTIVE JAMMERS																															
1.2) ALE-55 (FOTD)																															
	26	2008	NAVY	.15	114	0																									
	26	2009	NAVY	.251	.251	0																									
	26	2010	NAVY	.334	.334	0																									
	26	2011	NAVY	.282	.282	0																									
	26	2012	NAVY	.343	.343	0																									
	26	2013	NAVY	.324	.135	.189	.027	.027	.027	.027	.027	.027	.027																		
2) IR DECOYS																															
2.1) MJU-32 DECOY DEVICE																															
	27	2009	NAVY	182.3	108074	0																									
✓	27	2009	NAVY	24.91	24.91	0																									
	27	2010	NAVY	26.84	26.84	0																									
✓	27	2010	NAVY	34	34	0																									
	27	2011	NAVY	72.66	72.66	0																									
✓	27	2011	NAVY	92.61	92.61	0																									
	27	2012	NAVY	81.32	81.32	0																									
✓	27	2012	NAVY	50.72	50.72	0																									
	27	2013	NAVY	84.77	84.77	0																									
✓	27	2013	NAVY	33.9	33.9	0																									
2.2) MJU-38 DECOY DEVICE																															
	28	2009	NAVY	153.5	34020	0																									
	28	2010	NAVY	12.9	12.9	0																									
✓	28	2010	NAVY	86.02	86.02	0																									
	28	2011	NAVY	46.04	46.04	0																									
✓	28	2011	NAVY	82.17	82.17	0																									
	28	2012	NAVY	43.79	43.79	0																									
✓	28	2012	NAVY	43.49	43.49	0																									
	28	2013	NAVY	18.02	18.02	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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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0182 - Air Expendable Countermeasures **Aggregated Item Name:** Air Expendable Countermeasures

COST ELEMENTS Units in Thousands							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
✓	28	2013	NAVY	18.26	18.26	0																									
2.3) MJU-49/B DECOY DEVICE																															
✓	29	2009	NAVY	158.9	10049	0																									
	29	2010	NAVY	107.1	107.1	0																									
	29	2011	NAVY	74.93	74.93	0																									
✓	29	2011	NAVY	122.1	122.1	0																									
	29	2012	NAVY	54.29	54.29	0																									
✓	29	2012	NAVY	90.27	90.27	0																									
	29	2013	NAVY	56.69	56.69	0																									
✓	29	2013	NAVY	107.3	107.3	0																									
2.5) MJU-57 KINEMATIC																															
	30	2013	NAVY	42.41	42.41	0																									
✓	30	2013	NAVY	9.63	9.63	0																									
	31	2008	NAVY	40	31009	0																									
	31	2009	NAVY	5.653	5.653	0																									
	31	2010	NAVY	37.42	37.42	0																									
	31	2011	NAVY	42.86	42.86	0																									
✓	31	2011	NAVY	31.29	31.29	0																									
	31	2012	NAVY	42.28	42.28	0																									
✓	31	2012	NAVY	13.64	13.64	0																									
2.9) MJU-67																															
	32	2012	NAVY	12.53	12.53	0																									
	32	2013	NAVY	25.15	25.15	0																									
2.10) SM875B (TRAINING FLARE)																															
	33	2012	NAVY	94.19	94.19	0																									
	33	2013	NAVY	96.83	96.83	0																									
✓	33	2013	NAVY	111	111	0																									
	34	2009	NAVY	204	22182	0																									
	34	2010	NAVY	70	70	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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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0182 - Air Expendable Countermeasures **Aggregated Item Name:** Air Expendable Countermeasures

COST ELEMENTS Units in Thousands							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													
							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
	34	2011	NAVY	23.31	23.31	0																								
✓	34	2011	NAVY	259.7	259.7	0																								
3) IMPULSE CARTRIDGES																														
3.1) CCU-136A/A																														
	35	2012	NAVY	498.1	498.1	0																								
✓	35	2012	NAVY	933.3	933.3	0																								
5) CONFIGURATION ITEMS																														
5.1) CI-3																														
	36	2010	NAVY	.2	.2	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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Exhibit P-21, Budget Production Schedule: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1	P-1 Line Item Nomenclature: 0182 - Air Expendable Countermeasures	Aggregated Item Name: Air Expendable Countermeasures

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	BAE SYSTEMS - NASHUA, NH	.072	.36	.6	0	0	18	18	4	6	14	20
2	KILGORE FLARES - TOONE, TN	.066	.176	.353	0	0	10	10	0	3	3	6
3	ARMTEC DEFENSE, INC. - COACHELLA, CA	.066	.176	.24	0	0	7	7	0	4	2	6
4	ALLOY SURFACES, INC. - ASTON, PA	.12	.216	.24	0	0	6	6	0	3	4	7
5	TBD - TBD	0	0	0	0	6	0	6	0	7	4	11
6	CRANE ARMY AMMUNITION ACTIVITY - CRANE, IND	.012	.036	.12	0	0	24	24	0	4	6	10
7	CRANE ARMY AMMUNITION ACTIVITY - CRANE, IND	.012	.036	.12	0	6	5	11	0	6	5	11
8	TBD - TBD	.066	.26	.36	0	0	3	3	0	6	4	10
9	ARMTEC DEFENSE, INC. - COACHELLA, CA	.066	.26	.36	0	0	13	13	0	6	4	10
10	TBD - TBD	.022	.065	1.296	0	8	4	12	0	0	4	4
11	BAE SYSTEMS - NASHUA, NH	0	0	0	0	8	12	20	6	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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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition

P-1 Line Item Nomenclature:
0194 - Jet Assisted Take Off (JATOs)

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)	50.786	2.854	2.766	2.776	-	2.776	2.793	2.847	2.901	2.957	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	50.786	2.854	2.766	2.776	-	2.776	2.793	2.847	2.901	2.957	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	50.786	2.854	2.766	2.776	-	2.776	2.793	2.847	2.901	2.957	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:

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

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

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

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

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)
Jet Assisted Take Off (JATOs) (See enclosed P-40A)	P40A				50.786			2.854			2.766			2.776			0.000			2.776
Total Gross/Weapon System Cost				50.786			2.854			2.766			2.776			-			2.776	

*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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0194 - Jet Assisted Take Off (JATOs) **Aggregated Item Name:** Jet Assisted Take Off (JATOs)

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) JATO																			
1.1) Mk 117 MOD O ROCKET MOTORS	A	-	-	37.583	4,974.09	402	2.000	5,314.69	429	2.280	5,615.93	427	2.398	-	-	-	5,615.93	427	2.398
<i>Subtotal 1) JATO</i>				37.583			2.000			2.280			2.398			0.000			2.398
2) Support																			
2.1) OTHER COSTS	A	-	-	13.203	-	-	0.854	-	-	0.486	-	-	0.378	-	-	-	-	-	0.378
<i>Subtotal 2) Support</i>				13.203			0.854			0.486			0.378			0.000			0.378
Total				50.786			2.854			2.766			2.776			0.000			2.776

Remarks:

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition

P-1 Line Item Nomenclature:
0198 - LRLAP 6" Long Range Attack Projectile

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)	-	-	-	7.102	-	7.102	18.611	30.031	42.015	55.038	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	7.102	-	7.102	18.611	30.031	42.015	55.038	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	7.102	-	7.102	18.611	30.031	42.015	55.038	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:

Procurement of the Long Range Land Attack Projectile (LRLAP) to support DDG-1000 Class destroyer munitions requirements. LRLAP is a gun launched rocket assisted guided projectile that uses a GPS-based guidance system and a unitary warhead. Propelling charges are used to launch LRLAP's shapes, and propelling charges. LRLAP is an integral part of the Advanced Gun System (AGS).

[P40A / AM100 HARDWARE]: Initial year funding supports tooling fabrication and production to establish cost effective production processes. Four (4) hardware items will be procured: LRLAP (EX-187 guided projectile), LRLAP Propelling charges, pallets (EX-813 Container), and LRLAP Shapes.

[P40A / AM830 PRODUCTION ENGINEERING]: Funds requested support fabrication of hardware tooling that support production and assembly, support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

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)
LONG RANGE ATTACK PROJECTILE (LRLAP) (See enclosed P-40A)	P40A				0.000			0.000			0.000			7.102			0.000			7.102
Total Gross/Weapon System Cost					-			-			-			7.102			-			7.102

*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 1 / BSA 1

P-1 Line Item Nomenclature:
0198 - LRLAP 6" Long Range Attack Projectile

Aggregated Item Name:
LONG RANGE ATTACK PROJECTILE
(LRLAP)

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) AM100 HARDWARE																			
1.1) LRLAP PRODUCTION NON-RECURRING	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.102
1.2) LRLAP (EX-187)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) LRLAP SHAPES (1)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) PALLETS (EX-813)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) PROPELLING CHARGE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) AM100 HARDWARE</i>				<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>7.102</i>			<i>0.000</i>			<i>7.102</i>
2) AM830 PRODUCTION ENGINEERING																			
2.1) PRODUCTION ENGINEERING	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) AM830 PRODUCTION ENGINEERING</i>				<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>
Total				0.000			0.000			0.000			7.102			0.000			7.102

Remarks:
(1) Propelling Charges and LRLAP Shapes will be procured in a single lot to achieve economies of scale. Additionally, the Propelling Charge unit cost includes lot acceptance test costs.

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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 1 : Proc Ammo, Navy / BSA 1 :
Navy Ammunition

P-1 Line Item Nomenclature:
0250 - 5 Inch/54 Gun Ammunition

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)	129.115	33.308	10.901	48.320	-	48.320	24.604	25.081	54.547	55.351	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	129.115	33.308	10.901	48.320	-	48.320	24.604	25.081	54.547	55.351	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	129.115	33.308	10.901	48.320	-	48.320	24.604	25.081	54.547	55.351	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:

PROGRAM DESCRIPTION/JUSTIFICATION:

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

AC100 - PROCUREMENT

The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items. Unit costs and quantities will be adjusted during year of execution.

AC830 - PRODUCTION ENGINEERING

Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering functions which are integral to an item's manufacture.

AC850 - PRODUCT IMPROVEMENT

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

AC893 - RENOVATION COMPONENTS

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

AC894 - GAUGE REQUIREMENTS

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

AC895 - NON-STANDARD ITEMS

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

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition

P-1 Line Item Nomenclature:
0250 - 5 Inch/54 Gun Ammunition

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

ACG86 - OVERSEAS CONTINGENCY OPERATIONS (OCO)
Ammunition being procured with OCO funding.

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)
5 Inch/54 Gun Ammunition (See enclosed P-40A)	P40A, P5A, P21				129.115			33.308			10.901			48.320			0.000			48.320
Total Gross/Weapon System Cost				129.115			33.308			10.901			48.320			-			48.320	

*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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0250 - 5 Inch/54 Gun Ammunition **Aggregated Item Name:** 5 Inch/54 Gun 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) AC100 5"/54 AMMUNITION HARDWARE																			
1.1) 5"54 CHG, PROP, CLEARING, MK65 (D296)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) 5/54 CHG, PROP, FULL (D326)	A	-	-	31.515	1,052.17	2,300	2,420	855.52	8,970	7,674	872.51	20,504	17,890	-	-	-	872.51	20,504	17,890
1.3) PROJ, 5"/54 KE-ET (DA15)	A	-	-	16.092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.4) 5"54 PROJ, BLP/T (D349)	A	-	-	-	-	-	-	-	-	-	416.99	3,072	1,281	-	-	-	416.99	3,072	1,281
† 1.5) 5"/54 PROJ, MULTI OPTION FUZE (DA48) (1)	A	-	-	33.925	1,882.78	13,488	25,395	-	-	-	1,954.46	12,362	24,161	-	-	-	1,954.46	12,362	24,161
1.6) MK 9 CARTRIDGE CASE (DDCC)	A	-	-	1.489	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) MK45 PRIMERS (N641)	A	-	-	7.381	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) TRANSPORTATION ACCT CODE	A	-	-	0.696	-	-	0.246	-	-	0.433	-	-	0.443	-	-	-	-	-	0.443
1.9) PE/QA SMCA (2)	A	-	-	0.148	-	-	0.069	-	-	0.062	-	-	0.463	-	-	-	-	-	0.463
<i>Subtotal 1) AC100 5"/54 AMMUNITION HARDWARE</i>				91.246			28.130			8.169			44.238			0.000			44.238
2) AC830 PRODUCTION ENGINEERING																			
2.1) PRODUCTION ENGINEERING	A	-	-	12.566	-	-	3.512	-	-	1.844	-	-	2.942	-	-	-	-	-	2.942
<i>Subtotal 2) AC830 PRODUCTION ENGINEERING</i>				12.566			3.512			1.844			2.942			0.000			2.942
3) AC850 PRODUCT IMPROVEMENT																			
3.1) PRODUCT IMPROVEMENT (3)	A	-	-	11.103	-	-	1.316	-	-	0.483	-	-	0.740	-	-	-	-	-	0.740

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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 1 / BSA 1							P-1 Line Item Nomenclature: 0250 - 5 Inch/54 Gun Ammunition								Aggregated Item Name: 5 Inch/54 Gun 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)
Subtotal 3) AC850 PRODUCT IMPROVEMENT				11.103			1.316			0.483			0.740			0.000			0.740
4) AC893 RENOVATION COMPONENTS																			
4.1) RENOVATION COMPONENTS	A	-	-	12.294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) AC893 RENOVATION COMPONENTS				12.294			0.000			0.000			0.000			0.000			0.000
5) AC894 GAUGE REQUIREMENTS																			
5.1) GAUGE REQUIREMENTS	A	-	-	1.480	-	-	0.350	-	-	0.405	-	-	0.400	-	-	-	-	-	0.400
Subtotal 5) AC894 GAUGE REQUIREMENTS				1.480			0.350			0.405			0.400			0.000			0.400
6) AC895 NON- STANDARD																			
6.1) NON- STANDARD	A	-	-	0.426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) AC895 NON-STANDARD				0.426			0.000			0.000			0.000			0.000			0.000
Total				129.115			33.308			10.901			48.320			0.000			48.320

Remarks:
 (1)FY11 DA48 cost based on independent government cost estimates provided by the procuring agent.
 (2)FY13 additional funds are provided for DA48 procurement support.
 (3)FY13 and beyond will address obsolescence of electric components in DA48 fuze.

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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 1 / BSA 1	P-1 Line Item Nomenclature: 0250 - 5 Inch/54 Gun Ammunition	Aggregated Item Name: 5 Inch/54 Gun Ammunition
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) AC100 5"/54 AMMUNITION HARDWARE												
†1.2) 5/54 CHG, PROP, FULL (D326)		2011	MCALESTER AAP / MCALESTER, OK	C / TBD	JMC ROCK ISLAND	Oct 2010	Sep 2012	2,300	1,052.17	N		
†1.2) 5/54 CHG, PROP, FULL (D326)		2012	MCALESTER AAP / MCALESTER, OK	C / FFP	JMC ROCK ISLAND	Mar 2012	Feb 2014	8,970	855.52	N	Sep 2011	Nov 2011
†1.2) 5/54 CHG, PROP, FULL (D326)		2013	MCALESTER AAP / MCALESTER, OK	C / FFP	JMC ROCK ISLAND	Mar 2013	Feb 2015	20,504	872.51	N	Sep 2011	Nov 2012
1.4) 5"54 PROJ, BLP/T (D349)		2013	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	C / FFP	JMC ROCK ISLAND	Mar 2013	Jan 2015	3,072	416.99	N	Sep 2012	Nov 2012
†1.5) 5"/54 PROJ, MULTI OPTION FUZE (DA48)		2011	VARIOUS / VARIOUS	C / FFP	JMC ROCK ISLAND	Aug 2011	Sep 2013	13,488	1,882.78	Y		Jun 2011
†1.5) 5"/54 PROJ, MULTI OPTION FUZE (DA48)		2013	TBD / TBD	C / FFP	TBD	Mar 2013	Feb 2015	12,362	1,954.46	Y		Nov 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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0250 - 5 Inch/54 Gun Ammunition **Aggregated Item Name:** 5 Inch/54 Gun Ammunition

COST ELEMENTS Units in Each							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	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
1) AC100 5"/54 AMMUNITION HARDWARE																														
1.2) 5/54 CHG, PROP, FULL (D326)																														
	37	2011	NAVY	2300	0	2300	-	-	-	-	-	-	-	-	-	-	-	-	1300	1000										
	37	2012	NAVY	8970	0	8970	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8970	
	37	2013	NAVY	20504	0	20504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	20504	
1.5) 5"/54 PROJ, MULTI OPTION FUZE (DA48)																														
	38	2011	NAVY	13488	0	13488	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3000	10488
	39	2013	NAVY	12362	0	12362	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	12362
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0250 - 5 Inch/54 Gun Ammunition **Aggregated Item Name:** 5 Inch/54 Gun Ammunition

COST ELEMENTS Units in Each							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) AC100 5"/54 AMMUNITION HARDWARE																															
1.2) 5/54 CHG, PROP, FULL (D326)																															
	37	2011	NAVY	2300	2300	0																									
	37	2012	NAVY	8970	0	8970	-	-	-	-	8970																				
	37	2013	NAVY	20504	0	20504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4000	4000	4000	4000	4504						
1.5) 5"/54 PROJ, MULTI OPTION FUZE (DA48)																															
	38	2011	NAVY	13488	3000	10488	3000	3000	3000	1488																					
	39	2013	NAVY	12362	0	12362	-	-	-	-	-	-	-	-	-	-	-	-	-	4000	4000	4000	362								
							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 1 / BSA 1	P-1 Line Item Nomenclature: 0250 - 5 Inch/54 Gun Ammunition	Aggregated Item Name: 5 Inch/54 Gun Ammunition

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	MCALESTER AAP - MCALESTER, OK	10000	15000	20000	6	6	23	29	6	6	23	29
2	VARIOUS - VARIOUS	4500	20000	60000	6	6	23	29	6	6	23	29
3	TBD - TBD	4500	20000	60000	6	6	23	29	6	6	23	29

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

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

P-1 Line Item Nomenclature:
0266 - Intermediate Caliber Gun Ammo

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)	56.313	17.386	1.112	25.544	-	25.544	26.701	37.617	45.856	46.790	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	56.313	17.386	1.112	25.544	-	25.544	26.701	37.617	45.856	46.790	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	56.313	17.386	1.112	25.544	-	25.544	26.701	37.617	45.856	46.790	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:

PROGRAM DESCRIPTION/JUSTIFICATION:

The intermediate caliber cartridge is a family of fixed rounds of ammunition for use in shipboard intermediate caliber gun weapon systems (GWS). The Navy's primary use for an intermediate caliber GWS is to engage both surface and air targets. United States Coast Guard's (USCG) primary use is drug interdiction, homeland defense, and Visit, Board, Search and Seize (VBSS). Intermediate caliber GWS are currently employed on US Navy guided missile frigates (FFGs), US Coast Guard Cutters, the Littoral Combat Ship (LCS), the DDG1000 class of US Navy ships and the USCG National Security Cutter. The program procures High Explosive service rounds as well as Target Practice and dummy rounds for this GWS.

AL100 - PROCUREMENT

The funds are required to procure complete rounds and conduct acceptance tests. Cost associated with Transportation Account Code (TAC) are for first destination of delivery of production items. Unit costs and quantities will be adjusted during year of execution.

AL830 - PRODUCTION ENGINEERING

Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering functions which are integral to an item's manufacture.

AL850 - PRODUCT IMPROVEMENT

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

AL894 - GAUGE REQUIREMENTS

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

AL895 - NON -STANDARD ITEMS

The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items. Ammo procured with these funds is procured both through Single Manager for Conventional Ammunition (SMCA) and Naval Surface Warfare Centers. The most recent SMCA standard/non-standard price list has been used in pricing the SMCA-procured ammo. Pricing Non-SMCA items has been developed using engineering estimates and recent contract pricing.

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0266 - Intermediate Caliber Gun Ammo **Aggregated Item Name:** Intermediate Caliber Gun Ammo

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) AL100 TRANSPORTATION ACCOUNT CODE																			
1.1) TRANSPORTATION ACCOUNT CODE	A	-	-	0.051	-	-	0.012	-	-	0.052	-	-	0.055	-	-	-	-	-	0.055
<i>Subtotal 1) AL100 TRANSPORTATION ACCOUNT CODE</i>				0.051			0.012			0.052			0.055			0.000			0.055
2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE																			
† 2.1) CART., 57MM DUMMY, RAMMABLE (BA31)	A	-	-	-	-	-	-	-	-	-	1,721.05	380	0.654	-	-	-	1,721.05	380	0.654
† 2.2) CART., 57MM, 3P MK295 (BA22) (†)	A	-	-	34.846	6,287.50	800	5.030	-	-	-	6,528.91	3,615	23.602	-	-	-	6,528.91	3,615	23.602
† 2.3) CART., 57MM TP MK296 (BA23)	A	-	-	16.820	2,744.36	4,076	11.186	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE</i>				51.666			16.216			0.000			24.256			0.000			24.256
3) AL830 PRODUCTION ENGINEERING																			
3.1) PRODUCTION ENGINEERING	A	-	-	4.283	-	-	1.105	-	-	1.005	-	-	1.180	-	-	-	-	-	1.180
<i>Subtotal 3) AL830 PRODUCTION ENGINEERING</i>				4.283			1.105			1.005			1.180			0.000			1.180
4) AL894 GAUGE REQUIREMENTS																			
4.1) GAUGE REQUIREMENTS	A	-	-	0.313	-	-	0.053	-	-	0.055	-	-	0.053	-	-	-	-	-	0.053
<i>Subtotal 4) AL894 GAUGE REQUIREMENTS</i>				0.313			0.053			0.055			0.053			0.000			0.053
Total				56.313			17.386			1.112			25.544			0.000			25.544

Remarks:

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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 1 / BSA 1

P-1 Line Item Nomenclature:
0266 - Intermediate Caliber Gun Ammo

Aggregated Item Name:
Intermediate Caliber Gun Ammo

⁽¹⁾FY11 unit price is based on FY10 contract.

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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 1 / BSA 1	P-1 Line Item Nomenclature: 0266 - Intermediate Caliber Gun Ammo	Aggregated Item Name: Intermediate Caliber Gun Ammo
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE												
†2.1) CART., 57MM DUMMY, RAMMABLE (BA31)		2013	TBD / TBD	C / FFP	NSWC-IH	Dec 2012	Jan 2014	380	1,721.05	Y		Oct 2012
†2.2) CART., 57MM, 3P MK295 (BA22)		2010	BAE SYSTEMS / MINNESOTA	SS / FFP	NSWC-IH	Jul 2011	Nov 2013	2,400	6,055.00	Y		Jul 2010
†2.2) CART., 57MM, 3P MK295 (BA22)		2011	BAE SYSTEMS / MINNESOTA	SS / FFP	NSWC-IH	Mar 2012	Jun 2014	800	6,287.50	Y		Jul 2010
†2.2) CART., 57MM, 3P MK295 (BA22)		2013	BAE SYSTEMS / MN	SS / FFP	NSWC-IH	Mar 2013	Sep 2015	3,615	6,528.91	Y		Aug 2012
†2.3) CART., 57MM TP MK296 (BA23)		2010	BAE SYSTEMS / MINNESOTA	SS / FFP	NSWC-IH	Jul 2011	Feb 2013	3,000	2,938.00	Y		Jul 2010
†2.3) CART., 57MM TP MK296 (BA23)		2011	BAE SYSTEMS / MINNESOTA	SS / FFP	NSWC-IH	Mar 2012	Nov 2013	4,076	2,744.36	Y		Jul 2010

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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0266 - Intermediate Caliber Gun Ammo **Aggregated Item Name:** Intermediate Caliber Gun Ammo

COST ELEMENTS Units in Each							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) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE																															
2.1) CART., 57MM DUMMY, RAMMABLE (BA31)																															
40		2013	NAVY	380	0	380	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	380			
2.2) CART., 57MM, 3P MK295 (BA22)																															
41		2010	NAVY	2400	0	2400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2400			
41		2011	NAVY	800	0	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	800			
42		2013	NAVY	3615	0	3615	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3615			
2.3) CART., 57MM TP MK296 (BA23)																															
43		2010	NAVY	3000	0	3000	-	-	-	-	3000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
43		2011	NAVY	4076	0	4076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4076				
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0266 - Intermediate Caliber Gun Ammo **Aggregated Item Name:** Intermediate Caliber Gun Ammo

COST ELEMENTS Units in Each							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											
							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) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE																															
2.1) CART., 57MM DUMMY, RAMMABLE (BA31)																															
	40	2013	NAVY	380	380	0																									
2.2) CART., 57MM, 3P MK295 (BA22)																															
	41	2010	NAVY	2400	2400	0																									
	41	2011	NAVY	800	800	0																									
	42	2013	NAVY	3615	0	3615	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3615			
2.3) CART., 57MM TP MK296 (BA23)																															
	43	2010	NAVY	3000	3000	0																									
	43	2011	NAVY	4076	4076	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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Exhibit P-21, Budget Production Schedule: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1	P-1 Line Item Nomenclature: 0266 - Intermediate Caliber Gun Ammo	Aggregated Item Name: Intermediate Caliber Gun Ammo

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	TBD - TBD	2300	7500	15000	6	12	12	24	6	6	13	19
2	BAE SYSTEMS - MINNESOTA	10000	12600	35280	6	6	27	33	6	6	28	34
3	BAE SYSTEMS - MN	0	0	0	0	0	0	0	6	6	30	36
4	BAE SYSTEMS - MINNESOTA	2300	7500	15000	12	12	20	32	6	6	19	25

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition	P-1 Line Item Nomenclature: 0270 - Other Ship Gun Ammunition
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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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)	38.658	41.837	19.200	41.624	0.532	42.156	40.920	45.299	47.834	48.937	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	38.658	41.837	19.200	41.624	0.532	42.156	40.920	45.299	47.834	48.937	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	38.658	41.837	19.200	41.624	0.532	42.156	40.920	45.299	47.834	48.937	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:

PROGRAM DESCRIPTION/JUSTIFICATION:

The OSGA program consists of 40 medium caliber types of gun ammunition (20MM, 25MM, 30MM, 40MM). This supports active Navy ships, and active and reserve ashore warfare forces including mobile construction battalions (MCB), Naval Expeditionary Combat Command (NECC), mobile security forces (MSF), fleet combat readiness groups, inshore undersea warfare groups and several other type of operational units. Program includes support for emergent anti-terrorism/force protection and homeland defense requirements.

AG100/AG200 - PROCUREMENT

The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items. Unit costs and quantities will be adjusted during year of execution.

AG830 - PRODUCTION ENGINEERING

Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering functions which are integral to an item's manufacture.

AG850 - PRODUCT IMPROVEMENT

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

AG894 - GAUGE REQUIREMENTS

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

AG895 - NON-STANDARD ITEMS

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

AGNSW - PROCUREMENT

The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items for Naval Special Warfare Navy common items. Unit costs and quantities will be adjusted during year of execution.

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition	P-1 Line Item Nomenclature: 0270 - Other Ship Gun Ammunition
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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NS830 - PRODUCTION ENGINEERING
 Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering functions which are integral to an item's manufacture.

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

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)
Other Ship Gun Ammunition (See enclosed P-40A)	P40A, P5A, P21				38.658			41.837			19.200			41.624			0.532			42.156
Total Gross/Weapon System Cost					38.658			41.837			19.200			41.624			0.532			42.156

*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 1 / BSA 1					P-1 Line Item Nomenclature: 0270 - Other Ship Gun Ammunition										Aggregated Item Name: Other Ship Gun 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) (AG100) 25MM CARTRIDGES																			
1.1) CART., 25MM HEI-T/SAPHEI-T (AA98)	A	-	-	0.399	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) CART., 25MM LONG ROD (25LR)	A	-	-	-	353.33	15,000	5.300	-	-	-	-	-	-	-	-	-	-	-	-
1.3) CTG, 25MM, TP-T, M793 (A976)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) (AG100) 25MM CARTRIDGES				0.399			5.300			0.000			0.000			0.000			0.000
2) (AG100) 30MM CARTRIDGES																			
† 2.1) CART., 30MM APFSDS-T (AB51)	A	-	-	1.226	351.31	19,800	6.956	-	-	-	325.00	38,461	12.500	-	-	-	325.00	38,461	12.500
† 2.2) CART., 30MM TP-T LKD (AA90)	A	-	-	-	25.66	19,800	0.508	25.00	35,520	0.888	26.90	20,000	0.538	-	-	-	26.90	20,000	0.538
† 2.3) CARTRIDGE, 30MM X 173, LINKED (AB44)	A	-	-	4.555	126.94	55,200	7.007	-	-	-	137.00	20,000	2.740	-	-	-	137.00	20,000	2.740
Subtotal 2) (AG100) 30MM CARTRIDGES				5.781			14.471			0.888			15.778			0.000			15.778
3) (AG100) 40MM GRENADE CARTRIDGES																			
† 3.1) CTG., 40MM, GREEN STAR PARACH (B504)	A	-	-	-	-	-	-	32.00	9,938	0.318	-	-	-	-	-	-	-	-	-
† 3.2) CTG., 40MM PRAC., M79 F/M203 (B519)	A	-	-	0.204	3.20	45,300	0.145	5.00	55,200	0.276	4.97	40,000	0.199	-	-	-	4.97	40,000	0.199
† 3.3) CTG 40MM M583A1 (B535)	A	-	-	0.666	43.21	19,624	0.848	51.00	12,098	0.617	54.50	10,000	0.545	-	-	-	54.50	10,000	0.545
† 3.4) CTG, 40MM, FIXED, HE (B542)	A	-	-	3.012	-	-	-	40.14	55,175	2.215	42.00	40,000	1.680	42.00	10,000	0.420	42.00	50,000	2.100
† 3.5) CTG 40MM HEDP (B546)	A	-	-	-	-	-	-	56.00	13,375	0.749	56.68	40,260	2.282	56.68	1,976	0.112	56.68	42,236	2.394
† 3.6) CTG, 40MM, FIXED,	A	-	-	5.214	14.70	432,228	6.355	17.21	111,795	1.924	17.88	150,000	2.682	-	-	-	17.88	150,000	2.682

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0270 - Other Ship Gun Ammunition										Aggregated Item Name: Other Ship Gun 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)
PRAC., F/MK (B576)																			
† 3.7) CTG, 40MM, BLANK, SAL 200 GRAMS BRASS (B650)	A	-	-	-	-	-	-	-	-	-	65.00	14,000	0.910	-	-	-	65.00	14,000	0.910
† 3.8) CTG, 40MM BLANK SAL 50 GRAMS STEEL (B550)	A	-	-	-	-	-	-	-	-	-	65.00	5,000	0.325	-	-	-	65.00	5,000	0.325
† 3.9) CTG 40MM, 300M NLWM (BA26)	A	-	-	1.368	-	-	-	27.90	10,000	0.279	50.35	20,000	1.007	-	-	-	50.35	20,000	1.007
<i>Subtotal 3) (AG100) 40MM GRENADE CARTRIDGES</i>				<i>10.464</i>				<i>7.348</i>					<i>9.630</i>			<i>0.532</i>			<i>10.162</i>
4) (AG100) OTHER SHIP GUN AMMUNITION MAT.																			
4.1) TRANSPORTATION ACCT CODE	A	-	-	0.356	-	-	0.385	-	-	0.385	-	-	0.415	-	-	-	-	-	0.415
4.2) PE/QA SMCA	A	-	-	0.316	-	-	0.207	-	-	0.240	-	-	0.881	-	-	-	-	-	0.881
<i>Subtotal 4) (AG100) OTHER SHIP GUN AMMUNITION MAT.</i>				<i>0.672</i>			<i>0.592</i>			<i>0.625</i>			<i>1.296</i>			<i>0.000</i>			<i>1.296</i>
5) (AG200) 20MM CARTRIDGES																			
† 5.1) CART., 20MM DUMMY, M51A4N (AA20)	A	-	-	-	10.00	98,400	0.984	-	-	-	9.75	60,000	0.585	-	-	-	9.75	60,000	0.585
† 5.2) CART., 20MM MK 244 ELC (AA61)	A	-	-	19.215	33.88	331,200	11.221	27.93	212,833	5.944	37.42	300,000	11.226	-	-	-	37.42	300,000	11.226
<i>Subtotal 5) (AG200) 20MM CARTRIDGES</i>				<i>19.215</i>			<i>12.205</i>			<i>5.944</i>			<i>11.811</i>			<i>0.000</i>			<i>11.811</i>
6) (AG200) OTHER SHIP GUN AMMUNITION MAT.																			
6.1) PE/QA SMCA-AG200	A	-	-	-	-	-	0.110	-	-	0.015	-	-	0.142	-	-	-	-	-	0.142
<i>Subtotal 6) (AG200) OTHER SHIP GUN AMMUNITION MAT.</i>				<i>0.000</i>			<i>0.110</i>			<i>0.015</i>			<i>0.142</i>			<i>0.000</i>			<i>0.142</i>
7) (AG830) PRODUCTION ENGINEERING																			

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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 1 / BSA 1					P-1 Line Item Nomenclature: 0270 - Other Ship Gun Ammunition										Aggregated Item Name: Other Ship Gun 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)
7.1) PRODUCTION ENGINEERING	A	-	-	2.098	-	-	1.781	-	-	1.388	-	-	1.732	-	-	-	-	-	1.732
<i>Subtotal 7) (AG830) PRODUCTION ENGINEERING</i>				2.098			1.781			1.388			1.732			0.000			1.732
8) (AG850) PRODUCT IMPROVEMENT																			
8.1) PRODUCT IMPROVEMENT	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 8) (AG850) PRODUCT IMPROVEMENT</i>				0.000			0.000			0.000			0.000			0.000			0.000
9) (AG893) RENOVATION COMPONENTS																			
9.1) RENOVATION COMPONENTS	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 9) (AG893) RENOVATION COMPONENTS</i>				0.000			0.000			0.000			0.000			0.000			0.000
10) (AG894) GAUGE REQUIREMENTS																			
10.1) GAUGE REQUIREMENTS	A	-	-	0.029	-	-	0.030	-	-	0.025	-	-	0.032	-	-	-	-	-	0.032
<i>Subtotal 10) (AG894) GAUGE REQUIREMENTS</i>				0.029			0.030			0.025			0.032			0.000			0.032
11) (AG895) NON-STANDARD																			
11.1) Non-Standard	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 11) (AG895) NON-STANDARD</i>				0.000			0.000			0.000			0.000			0.000			0.000
12) (AGNSW) GRENADE CARTRIDGES																			
† 12.1) CTG., 40MM, FIXED, PRAC., F/MK (B576)	A	-	-	-	-	-	-	-	-	-	17.86	44,350	0.792	-	-	-	17.86	44,350	0.792
† 12.2) CTG., 40MM PRAC., M79/F/M203 (B519)	A	-	-	-	-	-	-	5.00	67,200	0.336	4.97	60,000	0.298	-	-	-	4.97	60,000	0.298

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0270 - Other Ship Gun Ammunition **Aggregated Item Name:** Other Ship Gun 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)
† 12.3) CTG., 40MM HIGH VELOCITY TP MK 281 MOD 0 (BA12)	A	-	-	-	-	-	-	29.35	40,000	1.174	-	-	-	-	-	-	-	-	-
† 12.4) CTG., 40MM PRAC., DAY/NIGHT MARKING MK (BA21)	A	-	-	-	-	-	-	48.54	50,000	2.427	-	-	-	-	-	-	-	-	-
12.5) CTG., 40MM ILLUMINATION, WHITE STAR CLUST (B536)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 12) (AGNSW) GRENADE CARTRIDGES</i>				0.000			0.000			3.937			1.090			0.000			1.090
13) (NS830) PRODUCTION ENGINEERING																			
13.1) Production Engineering	A	-	-	-	-	-	-	-	-	-	-	-	0.113	-	-	-	-	-	0.113
<i>Subtotal 13) (NS830) PRODUCTION ENGINEERING</i>				0.000			0.000			0.000			0.113			0.000			0.113
Total				38.658			41.837			19.200			41.624			0.532			42.156

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 1 / BSA 1				P-1 Line Item Nomenclature: 0270 - Other Ship Gun Ammunition						Aggregated Item Name: Other Ship Gun 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
1) (AG100) 25MM CARTRIDGES												
1.2) CART., 25MM LONG ROD (25LR)		2011	TBD / TBD	C / FFP	JMC ROCK ISLAND	Jun 2012	Sep 2013	15,000	353.33	Y		Mar 2012
2) (AG100) 30MM CARTRIDGES												
†2.1) CART., 30MM APFSDS-T (AB51)		2011	TBD / TBD	C / FFP	JMC ROCK ISLAND	Jun 2012	Sep 2013	19,800	351.31	Y		Mar 2012
†2.1) CART., 30MM APFSDS-T (AB51)		2013	TBD / TBD	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	38,461	325.00	Y		Oct 2012
†2.2) CART., 30MM TP-T LKD (AA90)		2011	TBD / TBD	C / FFP	JMC ROCK ISLAND	Feb 2012	Aug 2013	19,800	25.66	Y		Nov 2011
†2.2) CART., 30MM TP-T LKD (AA90)		2012	TBD / TBD	C / FFP	JMC ROCK ISLAND	Feb 2012	Aug 2013	35,520	25.00	Y		Nov 2011
†2.2) CART., 30MM TP-T LKD (AA90)		2013	TBD / TBD	C / FFP	JMC ROCK ISLAND	Dec 2012	Sep 2014	20,000	26.90	Y		Oct 2012
†2.3) CARTRIDGE, 30MM X 173, LINKED (AB44)		2010	TBD / TBD	C / FFP	JMC ROCK ISLAND	May 2012	Oct 2013	36,440	125.00	Y		Dec 2011
†2.3) CARTRIDGE, 30MM X 173, LINKED (AB44)		2011	TBD / TBD	C / FFP	JMC ROCK ISLAND	May 2012	Oct 2013	55,200	126.94	Y		Dec 2011
†2.3) CARTRIDGE, 30MM X 173, LINKED (AB44)		2013	TBD / TBD	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	20,000	137.00	Y		Dec 2012
3) (AG100) 40MM GRENADE CARTRIDGES												
†3.1) CTG., 40MM, GREEN STAR PARACH (B504)		2012	DSE INC / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	9,938	32.00	Y		Dec 2011
†3.2) CTG., 40MM PRAC., M79 F/ M203 (B519)		2010	AMTEC CORP / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Dec 2009	Apr 2012	60,300	3.38	Y		Nov 2009
†3.2) CTG., 40MM PRAC., M79 F/ M203 (B519)		2011	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2011	Sep 2012	45,300	3.20	Y		Oct 2010
†3.2) CTG., 40MM PRAC., M79 F/ M203 (B519)		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	55,200	5.00	Y		Dec 2011
†3.2) CTG., 40MM PRAC., M79 F/ M203 (B519)		2013	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	40,000	4.97	Y		Nov 2012
†3.3) CTG 40MM M583A1 (B535)		2010	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Dec 2009	Apr 2012	16,544	40.26	Y		Oct 2009
†3.3) CTG 40MM M583A1 (B535)		2011	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2011	Sep 2012	19,624	43.21	Y		Oct 2010
†3.3) CTG 40MM M583A1 (B535)		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	12,098	51.00	Y		Dec 2011

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0270 - Other Ship Gun Ammunition						Aggregated Item Name: Other Ship Gun 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
†3.3) CTG 40MM M583A1 (B535)		2013	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	10,000	54.50	Y		Nov 2012
†3.4) CTG, 40MM, FIXED, HE (B542)		2010	DSE INC. / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Nov 2009	Nov 2011	66,400	35.00	Y		Oct 2009
†3.4) CTG, 40MM, FIXED, HE (B542)	✓	2010	DSE INCORPORATED / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Mar 2010	Nov 2011	20,128	35.00	Y		Feb 2010
†3.4) CTG, 40MM, FIXED, HE (B542)		2012	DSE INC / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	55,175	40.14	Y		Dec 2011
†3.4) CTG, 40MM, FIXED, HE (B542)		2013	DSE INC / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	40,000	42.00	Y		Nov 2012
†3.4) CTG, 40MM, FIXED, HE (B542)	✓	2013	DSE INC / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	10,000	42.00	Y		Feb 2013
†3.5) CTG 40MM HEDP (B546)		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	13,375	56.00	Y		Dec 2011
†3.5) CTG 40MM HEDP (B546)		2013	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	40,260	56.68	Y		Nov 2012
†3.5) CTG 40MM HEDP (B546)	✓	2013	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	1,976	56.68	Y		Feb 2013
†3.6) CTG, 40MM, FIXED, PRAC., F/ MK (B576)		2010	DSE INC. / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Nov 2009	Jan 2012	298,464	15.00	Y		Oct 2009
†3.6) CTG, 40MM, FIXED, PRAC., F/ MK (B576)	✓	2010	DSE INCORPORATED / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Mar 2010	Jan 2012	50,496	15.00	Y		Feb 2010
†3.6) CTG, 40MM, FIXED, PRAC., F/ MK (B576)		2011	DSE INC / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Mar 2011	Sep 2012	401,280	14.70	Y		Oct 2010
†3.6) CTG, 40MM, FIXED, PRAC., F/ MK (B576)	✓	2011	DSE INC / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Mar 2011	Sep 2012	30,948	14.70	Y		Oct 2010
†3.6) CTG, 40MM, FIXED, PRAC., F/ MK (B576)		2012	DSE INC / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	101,218	17.21	Y		Dec 2011
†3.6) CTG, 40MM, FIXED, PRAC., F/ MK (B576)	✓	2012	DSE INC / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	10,577	17.21	Y		Dec 2011
†3.6) CTG, 40MM, FIXED, PRAC., F/ MK (B576)		2013	DSE INC / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	150,000	17.88	Y		Nov 2012
†3.7) CTG, 40MM, BLANK, SAL 200 GRAMS BRASS (B650)		2013	TBD / TBD	TBD	JMC ROCK ISLAND	Nov 2012	May 2014	14,000	65.00	Y		Aug 2012
†3.8) CTG, 40MM BLANK SAL 50 GRAMS STEEL (B550)		2013	TBD / TBD	C / TBD	JMC ROCK ISLAND	Nov 2012	May 2014	5,000	65.00	Y		Aug 2012
†3.9) CTG 40MM, 300M NLWM (BA26)	✓	2010	COMBINED SYSTEMS INC. / JAMESTOWN, NY	C / FFP	NSWC CRANE	Mar 2010	Mar 2011	50,018	27.35	Y		Oct 2009
†3.9) CTG 40MM, 300M NLWM (BA26)		2012	TBD / TBD	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	10,000	27.90	Y		Dec 2011

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0270 - Other Ship Gun Ammunition						Aggregated Item Name: Other Ship Gun 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
†3.9) CTG 40MM, 300M NLWM (BA26)		2013	TBD / TBD	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	20,000	50.35	Y		Nov 2012
5) (AG200) 20MM CARTRIDGES												
†5.1) CART., 20MM DUMMY, M51A4N (AA20)		2011	ATK / Mesa, AZ	C / FFP	NSWC IHD	Aug 2011	Feb 2012	98,400	10.00	Y		Jun 2011
†5.1) CART., 20MM DUMMY, M51A4N (AA20) (1)		2013	TBD / TBD	C / FFP	NSWC IHD	Nov 2012	May 2013	60,000	9.75	Y		Jul 2012
†5.2) CART., 20MM MK 244 ELC (AA61)		2010	VARIOUS MFGS / VARIOUS	C / FFP	JMC ROCK ISLAND	Mar 2010	Jul 2011	663,751	28.95	Y		Feb 2010
†5.2) CART., 20MM MK 244 ELC (AA61)		2011	VARIOUS / VARIOUS	C / FFP	JMC ROCK ISLAND	Jul 2011	Jan 2013	331,200	33.88	Y		May 2011
†5.2) CART., 20MM MK 244 ELC (AA61)		2012	VARIOUS / VARIOUS	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	212,833	27.93	Y		Dec 2011
†5.2) CART., 20MM MK 244 ELC (AA61) (2)		2013	VARIOUS MFG / VARIOUS	C / FFP	JMC ROCK ISLAND	Mar 2013	Apr 2014	300,000	37.42	Y		Dec 2012
12) (AGNSW) GRENADE CARTRIDGES												
†12.1) CTG, 40MM, FIXED, PRAC., F/ MK (B576)		2013	DSE INC / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	44,350	17.86	Y		Nov 2012
†12.2) CTG., 40MM PRAC., M79/F/ M203 (B519)		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	67,200	5.00	Y		Oct 2011
†12.2) CTG., 40MM PRAC., M79/F/ M203 (B519)		2013	AMTEC CORPORATION / JANESVILLE, WI	C / TBD	JMC ROCK ISLAND	Oct 2012	Apr 2014	60,000	4.97	N		Oct 2012
†12.3) CTG., 40MM HIGH VELOCITY TP MK 281 MOD 0 (BA12)		2012	VARIOUS / VARIOUS	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	40,000	29.35	Y		Oct 2011
†12.4) CTG., 40MM PRAC., DAY/ NIGHT MARKING MK (BA21)		2012	VARIOUS / VARIOUS	MIPR	USMC Quantico	Mar 2012	Sep 2013	50,000	48.54	Y		Oct 2011
Remarks: (1)FY11 (AA20) funds will be added to an existing contract. FY13 (AA20) funds will be placed on a new contract. (2)MK244 CONTRACT IS A SPLIT AWARD BETWEEN ATK, LAKE CITY, MO AND GD-OTS, MARION, ILL												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012							
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1							P-1 Line Item Nomenclature: 0270 - Other Ship Gun Ammunition										Aggregated Item Name: Other Ship Gun Ammunition													
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													
							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) (AG100) 30MM CARTRIDGES																														
2.1) CART., 30MM APFSDS-T (AB51)																														
44	2011	NAVY	19.8	0	19.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.8	
44	2013	NAVY	38.46	0	38.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.46		
2.2) CART., 30MM TP-T LKD (AA90)																														
45	2011	NAVY	19.8	0	19.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.8		
45	2012	NAVY	35.52	0	35.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.52		
45	2013	NAVY	20	0	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
2.3) CARTRIDGE, 30MM X 173, LINKED (AB44)																														
46	2010	NAVY	36.44	0	36.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.44		
46	2011	NAVY	55.2	0	55.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55.2		
46	2013	NAVY	20	0	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
3) (AG100) 40MM GRENADE CARTRIDGES																														
3.1) CTG., 40MM, GREEN STAR PARACH (B504)																														
47	2012	NAVY	9.938	0	9.938	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.938		
3.2) CTG., 40MM PRAC., M79 F/M203 (B519)																														
48	2011	NAVY	45.3	0	45.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 35.3		
48	2012	NAVY	55.2	0	55.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55.2		
48	2013	NAVY	40	0	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40		
49	2010	NAVY	60.3	0	60.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 0.3		
3.3) CTG 40MM M583A1 (B535)																														
50	2011	NAVY	19.62	0	19.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5 14.62		
50	2012	NAVY	12.1	0	12.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.1		
50	2013	NAVY	10	0	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
51	2010	NAVY	16.54	0	16.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4 4 4 4 .544		
3.4) CTG, 40MM, FIXED, HE (B542)																														
52	2012	NAVY	55.18	0	55.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55.18		
52	2013	NAVY	40	0	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40		
✓ 52	2013	NAVY	10	0	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
						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 1 / BSA 1	P-1 Line Item Nomenclature: 0270 - Other Ship Gun Ammunition	Aggregated Item Name: Other Ship Gun Ammunition
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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																		
							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							
	53	2010	NAVY	66.4	0	66.4	-	-	-	-	-	-	-	-	-	-	-	-	-	20	20	20	6.4															
✓	54	2010	NAVY	20.13	0	20.13	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	5	5	.128														
3.5) CTG 40MM HEDP (B546)																																						
	55	2012	NAVY	13.38	0	13.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.38										
	55	2013	NAVY	40.26	0	40.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.26										
✓	55	2013	NAVY	1.976	0	1.976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.976										
3.6) CTG, 40MM, FIXED, PRAC., F/MK (B576)																																						
	56	2011	NAVY	401.3	0	401.3	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	301.3									
✓	56	2011	NAVY	30.95	0	30.95	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	23.95									
	56	2012	NAVY	101.2	0	101.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	101.2									
✓	56	2012	NAVY	10.58	0	10.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	10.58									
	56	2013	NAVY	150	0	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150										
	57	2010	NAVY	298.5	0	298.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	98.46														
✓	58	2010	NAVY	50.5	0	50.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	20	20	.496													
3.7) CTG, 40MM, BLANK, SAL 200 GRAMS BRASS (B650)																																						
	59	2013	NAVY	14	0	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14									
3.8) CTG, 40MM BLANK SAL 50 GRAMS STEEL (B550)																																						
	60	2013	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5									
3.9) CTG 40MM, 300M NLWM (BA26)																																						
	61	2012	NAVY	10	0	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	10									
	61	2013	NAVY	20	0	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20									
✓	62	2010	NAVY	50.02	0	50.02	-	-	-	-	-	-	20	20	10.02																							
5) (AG200) 20MM CARTRIDGES																																						
5.1) CART., 20MM DUMMY, M51A4N (AA20)																																						
	63	2011	NAVY	98.4	0	98.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98.4										
	64	2013	NAVY	60	0	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60										
5.2) CART., 20MM MK 244 ELC (AA61)																																						
	65	2011	NAVY	331.2	0	331.2	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	331.2									
	65	2012	NAVY	212.8	0	212.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	212.8									
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0270 - Other Ship Gun Ammunition **Aggregated Item Name:** Other Ship Gun Ammunition

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											
							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
	66	2013	NAVY	300	0	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300	
	67	2010	NAVY	663.8	0	663.8	-	-	-	-	-	-	-	-	-	75	75	75	75	75	75	75	75	75	75	63.75					
12) (AGNSW) GRENADE CARTRIDGES																															
12.1) CTG, 40MM, FIXED, PRAC., F/MK (B576)																															
	68	2013	NAVY	44.35	0	44.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.35	
12.2) CTG., 40MM PRAC., M79/F/M203 (B519)																															
	69	2012	NAVY	67.2	0	67.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	67.2	
	69	2013	NAVY	60	0	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60		
12.3) CTG., 40MM HIGH VELOCITY TP MK 281 MOD 0 (BA12)																															
	70	2012	NAVY	40	0	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	40	
12.4) CTG., 40MM PRAC., DAY/NIGHT MARKING MK (BA21)																															
	71	2012	NAVY	50	0	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	50	
							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 1 / BSA 1

P-1 Line Item Nomenclature:
0270 - Other Ship Gun Ammunition

Aggregated Item Name:
Other Ship Gun Ammunition

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) (AG100) 30MM CARTRIDGES																															
2.1) CART., 30MM APFSDS-T (AB51)																															
	44	2011	NAVY	19.8	0	19.8	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	3	.8							
	44	2013	NAVY	38.46	0	38.46	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	28.46		
2.2) CART., 30MM TP-T LKD (AA90)																															
	45	2011	NAVY	19.8	0	19.8	-	-	-	-	-	-	-	-	-	-	5	5	5	4.8											
	45	2012	NAVY	35.52	0	35.52	-	-	-	-	-	-	-	-	-	10	10	10	5.52												
	45	2013	NAVY	20	0	20	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	15		
2.3) CARTRIDGE, 30MM X 173, LINKED (AB44)																															
	46	2010	NAVY	36.44	0	36.44	-	-	-	-	-	-	-	-	-	-	-	10	10	10	6	.44									
	46	2011	NAVY	55.2	0	55.2	-	-	-	-	-	-	-	-	-	-	-	10	10	10	10	10	5	.2							
	46	2013	NAVY	20	0	20	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	15		
3) (AG100) 40MM GRENADE CARTRIDGES																															
3.1) CTG., 40MM, GREEN STAR PARACH (B504)																															
	47	2012	NAVY	9.938	0	9.938	-	-	-	-	-	-	-	-	-	-	3	3	3	.938											
3.2) CTG., 40MM PRAC., M79 F/M203 (B519)																															
	48	2011	NAVY	45.3	10	35.3	10	10	6.776	8.524																					
	48	2012	NAVY	55.2	0	55.2	-	-	-	-	-	-	-	-	-	10	10	10	10	10	5	.2									
	48	2013	NAVY	40	0	40	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	30		
	49	2010	NAVY	60.3	60	.3	.3																								
3.3) CTG 40MM M583A1 (B535)																															
	50	2011	NAVY	19.62	5	14.62	5	5	3	1.624																					
	50	2012	NAVY	12.1	0	12.1	-	-	-	-	-	-	-	-	-	4	4	4	.098												
	50	2013	NAVY	10	0	10	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	7		
	51	2010	NAVY	16.54	16.54	0																									
3.4) CTG, 40MM, FIXED, HE (B542)																															
	52	2012	NAVY	55.18	0	55.18	-	-	-	-	-	-	-	-	-	10	10	10	10	10	5.175										
	52	2013	NAVY	40	0	40	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	30		
✓	52	2013	NAVY	10	0	10	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	7		
							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

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0270 - Other Ship Gun Ammunition **Aggregated Item Name:** Other Ship Gun Ammunition

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		
	53	2010	NAVY	66.4	66.4	0																											
✓	54	2010	NAVY	20.13	20.13	0																											
3.5) CTG 40MM HEDP (B546)																																	
	55	2012	NAVY	13.38	0	13.38	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	1.375											
	55	2013	NAVY	40.26	0	40.26	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	25.26			
✓	55	2013	NAVY	1.976	0	1.976	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.5	1.476		
3.6) CTG, 40MM, FIXED, PRAC., F/MK (B576)																																	
	56	2011	NAVY	401.3	100	301.3	100	100	70	31.28																							
✓	56	2011	NAVY	30.95	7	23.95	7	7	7	2.948																							
	56	2012	NAVY	101.2	0	101.2	-	-	-	-	-	-	-	-	-	-	-	30	30	30	10	1.218											
✓	56	2012	NAVY	10.58	0	10.58	-	-	-	-	-	-	-	-	-	-	-	3	3	3	1.577												
	56	2013	NAVY	150	0	150	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	50			
	57	2010	NAVY	298.5	298.5	0																											
✓	58	2010	NAVY	50.5	50.5	0																											
3.7) CTG, 40MM, BLANK, SAL 200 GRAMS BRASS (B650)																																	
	59	2013	NAVY	14	0	14	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	2			
3.8) CTG, 40MM BLANK SAL 50 GRAMS STEEL (B550)																																	
	60	2013	NAVY	5	0	5	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2				
3.9) CTG 40MM, 300M NLWM (BA26)																																	
	61	2012	NAVY	10	0	10	-	-	-	-	-	-	-	-	-	-	-	5	5														
	61	2013	NAVY	20	0	20	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	15		
✓	62	2010	NAVY	50.02	50.02	0																											
5) (AG200) 20MM CARTRIDGES																																	
5.1) CART., 20MM DUMMY, M51A4N (AA20)																																	
	63	2011	NAVY	98.4	98.4	0																											
	64	2013	NAVY	60	0	60	-	A	-	-	-	-	-	-	-	-	60																
5.2) CART., 20MM MK 244 ELC (AA61)																																	
	65	2011	NAVY	331.2	0	331.2	-	-	-	71	71	71	71	47.16	.04																		
	65	2012	NAVY	212.8	0	212.8	-	-	-	-	-	-	-	-	-	-	54	54	54	50.83													
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0270 - Other Ship Gun Ammunition **Aggregated Item Name:** Other Ship Gun Ammunition

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								
	66	2013	NAVY	300	0	300	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300			
	67	2010	NAVY	663.8	663.8	0																																	
12) (AGNSW) GRENADE CARTRIDGES																																							
12.1) CTG, 40MM, FIXED, PRAC., F/MK (B576)																																							
	68	2013	NAVY	44.35	0	44.35	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	34.35		
12.2) CTG., 40MM PRAC., M79/F/M203 (B519)																																							
	69	2012	NAVY	67.2	0	67.2	-	-	-	-	-	-	-	-	-	-	-	-	50	17.2																			
	69	2013	NAVY	60	0	60	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	10				
12.3) CTG., 40MM HIGH VELOCITY TP MK 281 MOD 0 (BA12)																																							
	70	2012	NAVY	40	0	40	-	-	-	-	-	-	-	-	-	-	-	-	20	20																			
12.4) CTG., 40MM PRAC., DAY/NIGHT MARKING MK (BA21)																																							
	71	2012	NAVY	50	0	50	-	-	-	-	-	-	-	-	-	-	-	-	20	20	10																		
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0270 - Other Ship Gun Ammunition **Aggregated Item Name:** Other Ship Gun Ammunition

COST ELEMENTS Units in Thousands						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													
							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) (AG100) 30MM CARTRIDGES																															
2.1) CART., 30MM APFSDS-T (AB51)																															
	44	2011	NAVY	19.8	19.8	0																									
	44	2013	NAVY	38.46	10	28.46	10	10	8	.461																					
2.2) CART., 30MM TP-T LKD (AA90)																															
	45	2011	NAVY	19.8	19.8	0																									
	45	2012	NAVY	35.52	35.52	0																									
	45	2013	NAVY	20	5	15	5	5	5																						
2.3) CARTRIDGE, 30MM X 173, LINKED (AB44)																															
	46	2010	NAVY	36.44	36.44	0																									
	46	2011	NAVY	55.2	55.2	0																									
	46	2013	NAVY	20	5	15	5	5	5																						
3) (AG100) 40MM GRENADE CARTRIDGES																															
3.1) CTG., 40MM, GREEN STAR PARACH (B504)																															
	47	2012	NAVY	9.938	9.938	0																									
3.2) CTG., 40MM PRAC., M79 F/M203 (B519)																															
	48	2011	NAVY	45.3	45.3	0																									
	48	2012	NAVY	55.2	55.2	0																									
	48	2013	NAVY	40	10	30	10	10	10																						
	49	2010	NAVY	60.3	60.3	0																									
3.3) CTG 40MM M583A1 (B535)																															
	50	2011	NAVY	19.62	19.62	0																									
	50	2012	NAVY	12.1	12.1	0																									
	50	2013	NAVY	10	3	7	3	3	1																						
	51	2010	NAVY	16.54	16.54	0																									
3.4) CTG, 40MM, FIXED, HE (B542)																															
	52	2012	NAVY	55.18	55.18	0																									
	52	2013	NAVY	40	10	30	10	10	10																						
✓	52	2013	NAVY	10	3	7	3	3	1																						
							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

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1	P-1 Line Item Nomenclature: 0270 - Other Ship Gun Ammunition	Aggregated Item Name: Other Ship Gun Ammunition
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COST ELEMENTS Units in Thousands							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															
							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			
	66	2013	NAVY	300	300	0																												
	67	2010	NAVY	663.8	663.8	0																												
12) (AGNSW) GRENADE CARTRIDGES																																		
12.1) CTG, 40MM, FIXED, PRAC., F/MK (B576)																																		
	68	2013	NAVY	44.35	10	34.35	10	10	14.35																									
12.2) CTG., 40MM PRAC., M79/F/M203 (B519)																																		
	69	2012	NAVY	67.2	67.2	0																												
	69	2013	NAVY	60	60	0																												
12.3) CTG., 40MM HIGH VELOCITY TP MK 281 MOD 0 (BA12)																																		
	70	2012	NAVY	40	40	0																												
12.4) CTG., 40MM PRAC., DAY/NIGHT MARKING MK (BA21)																																		
	71	2012	NAVY	50	50	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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Exhibit P-21, Budget Production Schedule: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1	P-1 Line Item Nomenclature: 0270 - Other Ship Gun Ammunition	Aggregated Item Name: Other Ship Gun Ammunition

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	TBD - TBD	.07	.84	1700	6	6	18	24	6	6	15	21
2	TBD - TBD	.07	840	1700	6	6	21	27	6	6	18	24
3	TBD - TBD	.07	840	1700	6	6	18	24	6	6	17	23
4	DSE INC - TAMPA, FL	.07	840	1700	6	6	18	24	6	6	18	24
5	AMTEC CORPORATION - JANESVILLE, WI	.07	840	1700	6	6	18	24	6	6	18	24
6	AMTEC CORP - JANESVILLE, WI	.07	840	1700	6	6	28	34	6	6	28	34
7	AMTEC CORPORATION - JANESVILLE, WI	.07	840	1700	6	6	18	24	6	6	18	24
8	AMTEC CORPORATION - JANESVILLE, WI	.07	840	1700	6	6	28	34	6	6	28	34
9	DSE INC - TAMPA, FL	.07	840	1700	6	6	18	24	6	6	18	24
10	DSE INC. - TAMPA, FL	.07	840	1700	6	6	24	30	6	6	24	30
11	DSE INCORPORATED - TAMPA, FL	.07	84	1700	6	6	20	26	6	6	20	26
12	AMTEC CORPORATION - JANESVILLE, WI	.07	840	1700	6	6	18	24	6	6	18	24
13	DSE INC - TAMPA, FL	.07	840	1700	6	6	18	24	6	6	18	24
14	DSE INC. - TAMPA, FL	.07	840	1700	6	6	26	32	6	6	24	30
15	DSE INCORPORATED - TAMPA, FL	.07	840	1700	6	6	22	28	6	6	20	26
16	TBD - TBD	.08	70	1640	6	6	18	24	6	6	18	24
17	TBD - TBD	.08	70	1640	6	6	18	24	6	6	18	24
18	TBD - TBD	.07	840	1700	6	6	18	24	6	6	18	24
19	COMBINED SYSTEMS INC. - JAMESTOWN, NY	.07	840	1700	6	6	12	18	6	6	12	18
20	ATK - Mesa, AZ	.08	70	1640	6	6	6	12	6	6	6	12
21	TBD - TBD	.08	70	1640	6	6	6	12	6	6	6	12
22	VARIOUS - VARIOUS	.07	840	1700	6	6	18	24	6	6	18	24
23	VARIOUS MFG - VARIOUS	.07	840	1700	6	6	13	19	6	6	13	19
24	VARIOUS MFGS - VARIOUS	.07	840	1700	6	6	16	22	6	6	18	24
25	DSE INC - TAMPA, FL	.07	84	1700	6	6	18	24	6	6	18	24

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1	P-1 Line Item Nomenclature: 0270 - Other Ship Gun Ammunition	Aggregated Item Name: Other Ship Gun Ammunition
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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
26	AMTEC CORPORATION - JANESVILLE, WI	.08	70	1640	6	6	18	24	6	6	18	24
27	VARIOUS - VARIOUS	.08	70	1640	6	6	18	24	6	6	18	24
28	VARIOUS - VARIOUS	.08	70	1640	6	6	18	24	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.

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition

P-1 Line Item Nomenclature:
 0335 - Small Arms & Lndg Party Ammo

ID Code (A=Service Ready, B=Not Service Ready) : B **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)	54.630	53.700	50.584	65.893	2.643	68.536	62.151	55.598	57.278	58.540	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	54.630	53.700	50.584	65.893	2.643	68.536	62.151	55.598	57.278	58.540	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	54.630	53.700	50.584	65.893	2.643	68.536	62.151	55.598	57.278	58.540	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:

PROGRAM DESCRIPTION/JUSTIFICATION:

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

AH100 - PROCUREMENT

Procure components, load and assemble complete rounds and conduct acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items. Unit costs and quantities will be adjusted during year of execution.

AH830 - PRODUCTION ENGINEERING

Provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of {tab}engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

AH895 - NON-STANDARD ITEMS

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

AH350 - MATCH AMMUNITION

Special Ammunition required to support Navy approved marksmanship competition matches.

AHG86 - OVERSEAS CONTINGENCY OPERATIONS (OCO) SUPPLEMENTAL

Ammunition being procured with OCO funding.

AH893 - RENOVATION COMPONENTS

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

AHNSW - PROCUREMENT

Procure components, load and assemble complete rounds and conduct acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items for Naval Special Warfare navy common items. Unit costs and quantities will be adjusted during year of execution.

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition

P-1 Line Item Nomenclature:
 0335 - Small Arms & Lndg Party Ammo

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

NS830 - PRODUCTION ENGINEERING
 Provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of {tab}engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

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 & Lndg Party Ammo (See enclosed P-40A)	P40A, P5A, P21				54.630			53.700			50.584			65.893			2.643			68.536
Total Gross/Weapon System Cost				54.630			53.700			50.584			65.893			2.643			68.536	

*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 restored 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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0335 - Small Arms & Lndg Party Ammo **Aggregated Item Name:** Small Arms & Lndg Party Ammo

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) (AH100) PE/QA SMCA																			
1.1) PE/QA SMCA	A	-	-	0.885	-	-	1.170	-	-	1.230	-	-	1.470	-	-	-	-	-	1.470
<i>Subtotal 1) (AH100) PE/QA SMCA</i>				0.885			1.170			1.230			1.470			0.000			1.470
2) (AH100) TRANSPORTATION ACCOUNT CODE (TAC)																			
2.1) TRANSPORTATION ACCOUNT CODE (TAC)	A	-	-	1.058	-	-	1.153	-	-	1.200	-	-	1.500	-	-	-	-	-	1.500
<i>Subtotal 2) (AH100) TRANSPORTATION ACCOUNT CODE (TAC)</i>				1.058			1.153			1.200			1.500			0.000			1.500
3) (AH100) .40 CAL CARTRIDGES																			
† 3.1) CARTRIDGE, MK 308 MOD 0, .40 (DWGW)	A	-	-	-	0.26	400,000	0.104	0.26	100,000	0.026	0.27	1,000,000	0.270	-	-	-	0.27	1,000,000	0.270
† 3.2) CTG. 40 CALS&W (DWGX)	A	-	-	-	0.25	80,000	0.020	-	-	-	0.25	100,000	0.025	-	-	-	0.25	100,000	0.025
<i>Subtotal 3) (AH100) .40 CAL CARTRIDGES</i>				0.000			0.124			0.026			0.295			0.000			0.295
4) (AH100) 50 CAL CARTRIDGES																			
4.1) CTG. 50 CAL (AA50)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.2) .50 CAL BLANK (A598)	A	-	-	1.137	1.78	580,758	1.034	-	-	-	2.01	400,000	0.804	-	-	-	2.01	400,000	0.804
† 4.3) CTG. .50 LINKED (A576)	A	-	-	-	2.79	1,579,316	4.406	-	-	-	3.16	1,044,300	3.300	-	-	-	3.16	1,044,300	3.300
† 4.4) CTG. .50 211-0 (A606)	A	-	-	0.159	12.76	11,204	0.143	-	-	-	-	-	-	-	-	-	-	-	-
† 4.5) CTG. 50 CAL, MK 211, APIT, M (AA06)	A	-	-	5.987	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.6) CTG. .50 CAL, AP, MK 263 MOD 0 (AA58)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.7) CTG. 50 CAL, LKD, BALL (A555)	A	-	-	1.783	-	-	-	2.88	735,000	2.117	2.80	1,074,200	3.008	-	-	-	2.80	1,074,200	3.008

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0335 - Small Arms & Lndg Party Ammo **Aggregated Item Name:** Small Arms & Lndg Party Ammo

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)
† 4.8) CTG, 50 CAL, LKD & TRACER (A557)	A	-	-	8.223	2.56	4,676,172	11.979	3.00	1,871,600	5.615	2.91	3,802,100	11.064	2.91	171,821	0.500	2.91	3,973,921	11.564
<i>Subtotal 4) (AH100) 50 CAL CARTRIDGES</i>				17.289			17.562			7.732			18.176			0.500			18.676
5) (AH100) 5.56MM CARTRIDGES																			
† 5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)	A	-	-	3.847	0.57	6,138,290	3.499	0.58	7,500,000	4.350	0.59	4,500,000	2.655	-	-	-	0.59	4,500,000	2.655
† 5.2) CTG., 5.56MM, LKD 4 BALL/1 TR (A064)	A	-	-	-	-	-	-	0.56	1,000,000	0.560	-	-	-	-	-	-	-	-	-
† 5.3) CTG, 5.56MM M855 (A059)	A	-	-	3.603	0.32	5,558,350	1.779	0.39	4,500,000	1.755	0.40	14,200,000	5.680	0.40	1,250,000	0.500	0.40	15,450,000	6.180
† 5.4) CTG., 5.56MM, BLANK (A080)	A	-	-	0.704	0.25	2,541,800	0.635	0.32	2,979,000	0.953	-	-	-	-	-	-	-	-	-
† 5.5) CTG, 5.56MM, SRTR AMMO (AA68)	A	-	-	-	0.39	509,105	0.199	1.00	373,000	0.373	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) (AH100) 5.56MM CARTRIDGES</i>				8.154			6.112			7.991			8.335			0.500			8.835
6) (AH100) 7.62MM CARTRIDGES																			
† 6.1) CTG. 7.62MM (A257)	A	-	-	-	-	-	-	0.93	250,000	0.233	0.93	250,000	0.233	-	-	-	0.93	250,000	0.233
† 6.2) CARTR, 7.62MM (AA11)	A	-	-	0.209	1.21	1,105,100	1.337	1.23	65,000	0.080	1.14	100,000	0.114	-	-	-	1.14	100,000	0.114
† 6.3) CTG., 7.62MM X 39MM BLANK (NNSN)	A	-	-	0.025	-	-	-	0.17	150,000	0.025	-	-	-	-	-	-	-	-	-
6.4) CTG, 7.62MM, LKD, 9 AP TO 1 (AA36)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 6.5) CTG, 7.62MM, SHORT RANGE TRAINING (AA39)	A	-	-	-	-	-	-	0.95	60,000	0.057	-	-	-	-	-	-	-	-	-
† 6.6) CTG., 7.62MM (AA04)	A	-	-	-	-	-	-	2.28	295,100	0.673	-	-	-	-	-	-	-	-	-
6.7) CTG, 7.62MM, LKD	A	-	-	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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0335 - Small Arms & Lndg Party Ammo **Aggregated Item Name:** Small Arms & Lndg Party Ammo

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 AP TO 1 DI (AA34)																			
† 6.8) CTG, 7.62MM, BLANK (A111)	A	-	-	5.723	0.65	5,907,907	3.840	-	-	-	-	-	-	-	-	-	-	-	-
† 6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)	A	-	-	8.031	0.88	9,968,477	8.772	-	-	-	1.01	6,000,000	6.060	1.01	495,000	0.500	1.01	6,495,000	6.560
† 6.10) CTG, 7.62MM, BALL, M80, LKD (A143)	A	-	-	1.033	0.77	2,156,623	1.661	0.92	916,300	0.843	-	-	-	-	-	-	-	-	-
† 6.11) CTG, 7.62MM, LKD (A165)	A	-	-	5.632	0.77	5,449,765	4.196	0.94	3,395,744	3.192	-	-	0.000	0.97	515,463	0.500	0.97	515,463	0.500
† 6.12) CTG, 7.62MM, DUMMY AMMO (A162)	A	-	-	-	-	-	-	-	-	-	3.36	11,000	0.037	-	-	-	3.36	11,000	0.037
<i>Subtotal 6) (AH100) 7.62MM CARTRIDGES</i>				20.653			19.806			5.103			6.444			1.000			7.444
7) (AH100) 38CAL CARTRIDGES																			
† 7.1) CTG, .38 BLANK (A403)	A	-	-	-	-	-	-	0.50	10,000	0.005	0.49	10,204	0.005	-	-	-	0.49	10,204	0.005
<i>Subtotal 7) (AH100) 38CAL CARTRIDGES</i>				0.000			0.000			0.005			0.005			0.000			0.005
8) (AH100) 45 CAL CARTRIDGES																			
† 8.1) CTG, .45 CAL BALL (A475)	A	-	-	-	-	-	-	0.50	10,000	0.005	0.51	130,000	0.066	-	-	-	0.51	130,000	0.066
<i>Subtotal 8) (AH100) 45 CAL CARTRIDGES</i>				0.000			0.000			0.005			0.066			0.000			0.066
9) (AH100) 9MM CARTRIDGES																			
† 9.1) CTG, 9MM, BALL (A363)	A	-	-	1.154	0.17	15,610,967	2.654	0.20	14,000,000	2.800	0.20	8,920,000	1.784	0.20	3,215,000	0.643	0.20	12,135,000	2.427
† 9.2) CTG, 9MM, FX, MARKING, RED (AA12)	A	-	-	0.136	0.38	773,684	0.294	1.00	309,000	0.309	0.39	1,000,000	0.390	-	-	-	0.39	1,000,000	0.390
† 9.3) CTG, 9MM, FRANGIBLE (AA16)	A	-	-	1.167	0.30	1,860,000	0.558	0.31	4,800,000	1.488	0.31	1,000,000	0.310	-	-	-	0.31	1,000,000	0.310
† 9.4) CTG, 9MM, FX, MARKING, BLUE (AA21)	A	-	-	0.096	0.48	204,167	0.098	1.00	448,000	0.448	0.50	800,000	0.400	-	-	-	0.50	800,000	0.400

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0335 - Small Arms & Lndg Party Ammo **Aggregated Item Name:** Small Arms & Lndg Party Ammo

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)
† 9.5) CTG, 9MM DUMMY AMMO (A359)	A	-	-	-	-	-	-	-	-	-	2.00	19,000	0.038	-	-	-	2.00	19,000	0.038
† 9.6) CTG, 9MM JKTD HOLLOW PT (A260)	A	-	-	-	-	-	-	-	-	-	0.71	300,000	0.213	-	-	-	0.71	300,000	0.213
<i>Subtotal 9) (AH100) 9MM CARTRIDGES</i>				2.553			3.604			5.045			3.135			0.643			3.778
10) (AH100) GRENADES																			
† 10.1) FUZE, DELAY M228 (G878)	A	-	-	0.029	-	-	-	7.52	6,120	0.046	-	-	-	-	-	-	-	-	-
† 10.2) GREN, LAUNCHER, SMK, IR SCREEN (G826)	A	-	-	-	-	-	-	295.60	10,000	2.956	-	-	-	-	-	-	-	-	-
† 10.3) GRENADE, HND, SMK, GREEN (G940)	A	-	-	-	-	-	-	53.00	10,000	0.530	-	-	-	-	-	-	-	-	-
10.4) GRENADE, HND, SMK, VIOLET (G955)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.5) GRENADE, LAUNCHER, SMK, M82 (G978)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 10.6) GRENADE, HND, SMK, YELLOW (G945)	A	-	-	-	39.60	4,646	0.184	-	-	-	49.60	10,000	0.496	-	-	-	49.60	10,000	0.496
† 10.7) GRENADE, HND, NON-LETHAL (GG04)	A	-	-	-	-	-	-	-	-	-	27.78	2,700	0.075	-	-	-	27.78	2,700	0.075
<i>Subtotal 10) (AH100) GRENADES</i>				0.029			0.184			3.532			0.571			0.000			0.571
11) (AH100) MINES																			
11.1) MINE, AP, M18A1/T48E3 W/ ACCESSORIES (K143)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 11.2) MINE AP M18A1 WITH SHOCK TUBE (J007)	A	-	-	-	-	-	-	261.00	1,400	0.365	466.88	3,200	1.494	-	-	-	466.88	3,200	1.494

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0335 - Small Arms & Lndg Party Ammo **Aggregated Item Name:** Small Arms & Lndg Party Ammo

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)
† 11.3) RIOT CNTRL, CS (K765)	A	-	-	-	0.73	2,740	0.002	0.33	3,000	0.001	0.33	3,000	0.001	-	-	-	0.33	3,000	0.001
<i>Subtotal 11) (AH100) MINES</i>				0.000			0.002			0.366			1.495			0.000			1.495
12) (AH100) SHOTGUN CARTRIDGES																			
† 12.1) CTG., 12 GA, RUBBER, FIN STAB (AA31)	A	-	-	-	-	-	-	3.87	15,000	0.058	4.00	2,500	0.010	-	-	-	4.00	2,500	0.010
† 12.2) CTG, 12 GA NO.9 (A017)	A	-	-	-	-	-	-	0.33	75,000	0.025	-	-	-	-	-	-	-	-	-
† 12.3) CTG, 12 GA NO. 00 (A011)	A	-	-	0.089	0.39	2,098,879	0.819	-	-	-	-	-	-	-	-	-	-	-	-
† 12.4) CTG, 12 GA, FRANGIBLE (AA86)	A	-	-	-	-	-	-	0.60	295,100	0.177	-	-	-	-	-	-	-	-	-
† 12.5) CTG, 12 GA WARNING MUNITION (LA51)	A	-	-	0.394	-	-	-	-	-	-	14.20	30,000	0.426	-	-	-	14.20	30,000	0.426
† 12.6) CTG, 12 GA WARNING MUNITION (LA52)	A	-	-	0.419	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 12.7) (AA55) CTG, 12 GA DUMMY AMMUNITION (AA55)	A	-	-	-	-	-	-	-	-	-	0.75	4,000	0.003	-	-	-	0.75	4,000	0.003
<i>Subtotal 12) (AH100) SHOTGUN CARTRIDGES</i>				0.902			0.819			0.260			0.439			0.000			0.439
13) (AH350) MATCH AMMO																			
† 13.1) CTG, .22 CAL, BALL, LR, MATCH (A091)	A	-	-	0.209	0.10	50,000	0.005	0.10	145,000	0.015	0.12	400,000	0.048	-	-	-	0.12	400,000	0.048
† 13.2) CTG, 5.56MM, SPECIAL BALL, MK 262 MOD 1 (AA53)	A	-	-	0.168	0.57	324,561	0.185	0.58	160,000	0.093	0.59	1,000,000	0.590	-	-	-	0.59	1,000,000	0.590
† 13.3) CTG., 45 CAL, BALL, M1911, M (A483)	A	-	-	-	-	-	-	1.00	45,000	0.045	1.00	59,000	0.059	-	-	-	1.00	59,000	0.059
† 13.4) CTG., 28 GAGE SKEET LOAD, PLASTIC	A	-	-	0.031	0.25	125,737	0.031	0.26	125,000	0.033	0.26	125,000	0.033	-	-	-	0.26	125,000	0.033

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0335 - Small Arms & Lndg Party Ammo **Aggregated Item Name:** Small Arms & Lndg Party Ammo

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)
CASE 2 DRAMS (A057)																			
† 13.5) CTG., 20 GAGE SHOTGUN, SKEET LOAD 2 1/2 DRAMS POWDER (A046)	A	-	-	0.031	0.26	125,000	0.033	0.26	125,000	0.033	0.26	200,000	0.052	-	-	-	0.26	200,000	0.052
† 13.6) 12 GA CARTRIDGE SKEET DRAM PAPER (LL0003348)	A	-	-	-	3.50	1,444	0.005	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 13) (AH350) MATCH AMMO</i>				0.439			0.259			0.219			0.782			0.000			0.782
14) (AH830) PRODUCTION ENGINEERING																			
14.1) PRODUCTION ENGINEERING	A	-	-	2.256	-	-	2.905	-	-	0.955	-	-	2.354	-	-	-	-	-	2.354
<i>Subtotal 14) (AH830) PRODUCTION ENGINEERING</i>				2.256			2.905			0.955			2.354			0.000			2.354
15) (AH893) RENOVATION COMPONENTS																			
15.1) RENOVATION COMPONENTS	A	-	-	0.412	-	-	-	-	-	-	-	-	0.352	-	-	-	-	-	0.352
<i>Subtotal 15) (AH893) RENOVATION COMPONENTS</i>				0.412			0.000			0.000			0.352			0.000			0.352
16) (AH895) NON-STANDARD																			
16.1) NON-STANDARD	A	-	-	-	-	-	-	-	-	-	-	-	0.022	-	-	-	-	-	0.022
<i>Subtotal 16) (AH895) NON-STANDARD</i>				0.000			0.000			0.000			0.022			0.000			0.022
17) (AHNSW) GRENADES																			
† 17.1) FUZE, DELAY M228, F/M 68 HAND GRND (G878)	A	-	-	-	-	-	-	7.44	10,080	0.075	-	-	-	-	-	-	-	-	-
† 17.2) GRENADE,	A	-	-	-	-	-	-	-	-	-	36.41	6,000	0.218	-	-	-	36.41	6,000	0.218

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0335 - Small Arms & Lndg Party Ammo **Aggregated Item Name:** Small Arms & Lndg Party Ammo

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)
HAND, FRAG (G881)																			
17.3) GRENADE, HAND, SMOKE, GREEN (G940)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.4) GRENADE, HAND, SMOKE, YELLOW (G945)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 17.5) GRENADE, HAND, SMOKE, RED (G950)	A	-	-	-	-	-	-	41.73	12,000	0.500	-	-	-	-	-	-	-	-	-
<i>Subtotal 17) (AHNSW) GRENADES</i>				<i>0.000</i>				<i>0.000</i>		<i>0.575</i>			<i>0.218</i>				<i>0.000</i>		<i>0.218</i>
18) (AHNSW) 9MM CARTRIDGES																			
† 18.1) CTG, 9MM BALL (A363)	A	-	-	-	-	-	-	0.20	8,000,000	1.600	0.20	5,500,100	1.100	-	-	-	0.20	5,500,100	1.100
18.2) CTG, 9MM REDUCED RICOCHETTE, LOW PEN (AA16)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 18) (AHNSW) 9MM CARTRIDGES</i>				<i>0.000</i>				<i>0.000</i>		<i>1.600</i>			<i>1.100</i>				<i>0.000</i>		<i>1.100</i>
19) (AHNSW) 7.62MM CARTRIDGES																			
† 19.1) CTG, 7.62MM BLANK, LINKED (A111)	A	-	-	-	-	-	-	0.71	2,968,000	2.119	0.77	1,500,000	1.159	-	-	-	0.77	1,500,000	1.159
† 19.2) CTG, 7.62MM BALL LINKED (NO TRACER) (A143)	A	-	-	-	-	-	-	0.92	600,000	0.552	0.91	1,400,000	1.276	-	-	-	0.91	1,400,000	1.276
† 19.3) CTG, 7.62MM LINKED 9.1 DIM TRACED F/ MK 44 (A257)	A	-	-	-	-	-	-	0.93	1,000,500	0.930	0.93	2,001,000	1.860	-	-	-	0.93	2,001,000	1.860
19.4) CTG, 7.62MM BALL (SOST) (AB50)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 19.5) CTG, 7.62MM LNKD, BALL AND TRACER (A131)	A	-	-	-	-	-	-	0.90	8,583,200	7.718	1.01	4,000,000	4.040	-	-	-	1.01	4,000,000	4.040
<i>Subtotal 19) (AHNSW) 7.62MM CARTRIDGES</i>				<i>0.000</i>				<i>0.000</i>		<i>11.319</i>			<i>8.335</i>				<i>0.000</i>		<i>8.335</i>

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0335 - Small Arms & Lndg Party Ammo **Aggregated Item Name:** Small Arms & Lndg Party Ammo

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)
20) (AHNSW) 5.56MM CARTRIDGES																			
† 20.1) CTG, 5.56MM BALL, CARBINE, BARRIER, MK	A	-	-	-	-	-	-	0.80	1,180,800	0.940	-	-	-	-	-	-	-	-	-
20.2) CTG, 5.56MM BAL F/M4A1 RIFLE (A059)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20.3) CTG, 5.56MM CTG BALL B855 LKD F/SAW (A062)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 20.4) CTG, 5.56MM BLANK, LDD M27 LINK (A075)	A	-	-	-	-	-	-	-	-	-	0.45	3,300,000	1.479	-	-	-	0.45	3,300,000	1.479
† 20.5) CTG, 5.56MM BLANK (TRAINING ITEM) (A080)	A	-	-	-	-	-	-	0.32	1,295,040	0.414	0.32	1,500,250	0.483	-	-	-	0.32	1,500,250	0.483
20.6) CTG, 5.56MM 77 GRAIN, MK 262 MOD 0/1, LONG (AA53)	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20.7) CTG, 5.56MM BALL, CARBINE, BARRIER MK 318 (AB49)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 20.8) CTG, 5.56MM MARKING, RED (AA12)	A	-	-	-	-	-	-	1.00	275,000	0.275	-	-	-	-	-	-	-	-	-
20.9) CTG, 9/5.56MM MARKING, BLUE (AA21)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20.10) CTG, 5.56MM LINKED (A064)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 20) (AHNSW) 5.56MM CARTRIDGES</i>				<i>0.000</i>			<i>0.000</i>			<i>1.629</i>			<i>1.962</i>			<i>0.000</i>			<i>1.962</i>

21) (AHNSW) .50 CAL CARTRIDGES

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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 1 / BSA 1

P-1 Line Item Nomenclature:
0335 - Small Arms & Lndg Party Ammo

Aggregated Item Name:
Small Arms & Lndg Party Ammo

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)
† 21.1) CTG, CAL .50 LINKED BALL (NO TRACER) (A555)	A	-	-	-	-	-	-	2.88	500,000	1.440	2.80	710,000	1.988	-	-	-	2.80	710,000	1.988
21.2) CTG, CAL .50 LINKED, BALL/TRACER (A557)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.3) CTG, CAL .50 APL MK 211 MIULTI PURPOSE (A606)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 21.4) CTG, CAL .50 LINKED, M2 APL, M8/APK-T M20 (A576)	A	-	-	-	-	-	-	-	-	-	3.16	1,500,000	4.740	-	-	-	3.16	1,500,000	4.740
† 21.5) CTG, CAL .50 LINKED, BLANK, M1A1 (A598)	A	-	-	-	-	-	-	-	-	-	2.01	700,000	1.407	-	-	-	2.01	700,000	1.407
<i>Subtotal 21) (AHNSW) .50 CAL CARTRIDGES</i>				0.000			0.000			1.440			8.135			0.000			8.135
22) (AHNSW) SHOTGUN CARTRIDGES																			
22.1) CTG, 12 GAUGE SHOTGUN 00 BUCK (A011)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 22) (AHNSW) SHOTGUN CARTRIDGES</i>				0.000			0.000			0.000			0.000			0.000			0.000
23) (AHNSW) MATCH AMMO																			
23.1) CTG, CAL 45 MATCH (A483)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 23) (AHNSW) MATCH AMMO</i>				0.000			0.000			0.000			0.000			0.000			0.000
24) (NS830) PRODUCTION ENGINEERING																			
24.1) (NS830) PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.352	-	-	0.702	-	-	-	-	-	0.702
<i>Subtotal 24) (NS830) PRODUCTION ENGINEERING</i>				0.000			0.000			0.352			0.702			0.000			0.702

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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 1 / BSA 1					P-1 Line Item Nomenclature: 0335 - Small Arms & Lndg Party Ammo									Aggregated Item Name: Small Arms & Lndg Party Ammo					
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)
Total				54.630			53.700			50.584			65.893			2.643			68.536

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 1 / BSA 1				P-1 Line Item Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo		
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) (AH100) .40 CAL CARTRIDGES												
3.1) CARTRIDGE, MK 308 MOD 0, .40 (DWGW)		2011	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Mar 2011	Apr 2011	400,000	0.26	Y		Oct 2010
3.1) CARTRIDGE, MK 308 MOD 0, .40 (DWGW)		2012	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Dec 2012	Oct 2013	100,000	0.26	Y		Apr 2012
3.1) CARTRIDGE, MK 308 MOD 0, .40 (DWGW)		2013	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Dec 2012	Oct 2013	1,000,000	0.27	Y		Apr 2012
3.2) CTG .40 CALS&W (DWGX)		2011	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Mar 2011	Apr 2011	80,000	0.25	Y		Oct 2010
3.2) CTG .40 CALS&W (DWGX)		2013	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Dec 2012	Mar 2013	100,000	0.25	Y		Apr 2012
4) (AH100) 50 CAL CARTRIDGES												
4.2) .50 CAL BLANK (A598)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	588,000	1.93	Y		Oct 2009
4.2) .50 CAL BLANK (A598)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	580,758	1.78	Y		Oct 2010
4.2) .50 CAL BLANK (A598)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	400,000	2.01	Y		Dec 2012
4.3) CTG, .50 LINKED (A576)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Oct 2011	1,579,316	2.79	Y		Oct 2010
4.3) CTG, .50 LINKED (A576)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Apr 2014	1,044,300	3.16	Y		Dec 2012
4.4) CTG, .50 211-0 (A606)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	12,720	12.50	Y		Oct 2009
4.4) CTG, .50 211-0 (A606)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	11,204	12.76	Y		Oct 2010
4.5) CTG, 50 CAL, MK 211, APIT, M (AA06)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2010	Feb 2011	617,600	9.69	Y		Oct 2009
4.7) CTG, 50 CAL, LKD, BALL (A555)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Oct 2010	678,800	2.63	Y		Oct 2009
4.7) CTG, 50 CAL, LKD, BALL (A555)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2012	Oct 2012	735,000	2.88	Y		Oct 2011
4.7) CTG, 50 CAL, LKD, BALL (A555)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Apr 2014	1,074,200	2.80	Y		Oct 2012
†4.8) CTG, 50 CAL, LKD & TRACER (A557)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jun 2010	Jul 2011	3,017,400	2.73	Y		Oct 2009
†4.8) CTG, 50 CAL, LKD & TRACER (A557)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jun 2011	Jul 2012	4,676,172	2.56	Y		Oct 2010
†4.8) CTG, 50 CAL, LKD & TRACER (A557)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2012	Dec 2012	1,871,600	3.00	Y		Oct 2011

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo		
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
†4.8) CTG, 50 CAL, LKD & TRACER (A557)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Apr 2014	3,802,100	2.91	Y		Dec 2012
†4.8) CTG, 50 CAL, LKD & TRACER (A557)	✓	2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Apr 2014	171,821	2.91	Y		Dec 2012
5) (AH100) 5.56MM CARTRIDGES												
†5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40) ⁽¹⁾		2010	OLIN CORPORATION / ILLINOIS	SS / FFP	NSWC CRANE	Jan 2010	Apr 2012	2,715,000	0.40	Y		Oct 2009
†5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)	✓	2010	OLIN CORPORATION / ILLINOIS	SS / FFP	NSWC CRANE	Jan 2010	Apr 2012	6,275,000	0.00	Y		Oct 2009
†5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)		2011	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Sep 2011	Jul 2012	3,780,396	0.57	Y		Mar 2011
†5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)	✓	2011	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Sep 2011	Jul 2012	2,357,894	0.57	Y		Mar 2011
†5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)		2012	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Oct 2011	Aug 2012	4,500,000	0.58	Y		Mar 2011
†5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)	✓	2012	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Oct 2011	Aug 2012	3,000,000	0.58	Y		Mar 2011
†5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)		2013	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Mar 2013	Sep 2014	4,500,000	0.59	Y		Oct 2012
5.2) CTG., 5.55MM, LKD 4 BALL/1 TR (A064)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2012	Sep 2012	1,000,000	0.56	Y		Oct 2011
†5.3) CTG, 5.56MM M855 (A059)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	7,134,960	0.00	Y		Oct 2009
†5.3) CTG, 5.56MM M855 (A059)	✓	2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	2,884,560	0.00	Y		Oct 2009
†5.3) CTG, 5.56MM M855 (A059)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	5,558,350	0.32	Y		Oct 2010
†5.3) CTG, 5.56MM M855 (A059)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	4,500,000	0.39	Y		Oct 2011
†5.3) CTG, 5.56MM M855 (A059)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	14,200,000	0.40	Y		Oct 2012
†5.3) CTG, 5.56MM M855 (A059)	✓	2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	1,250,000	0.40	Y		Oct 2012
5.4) CTG., 5.56MM, BLANK (A080)		2010	ATK LAKE CITY / LAKE CITY, MI	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	2,207,040	0.00	Y		Oct 2009
5.4) CTG., 5.56MM, BLANK (A080)	✓	2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	383,040	0.00	Y		Oct 2009
5.4) CTG., 5.56MM, BLANK (A080)		2011	ATK LAKE CITY / LAKE CITY, MI	C / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	2,541,800	0.25	Y		Oct 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 1 / BSA 1				P-1 Line Item Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo		
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
5.4) CTG., 5.56MM, BLANK (A080)		2012	ATK LAKE CITY / LAKE CITY, MI	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	2,979,000	0.32	Y		Oct 2011
5.5) CTG, 5.56MM, SRTR AMMO (AA68)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2011	Sep 2011	509,105	0.39	Y		Oct 2010
5.5) CTG, 5.56MM, SRTR AMMO (AA68)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2013	373,000	1.00	Y		Oct 2012
6) (AH100) 7.62MM CARTRIDGES												
6.1) CTG. 7.62MM (A257)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	250,000	0.93	Y		Oct 2011
6.1) CTG. 7.62MM (A257)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	250,000	0.93	Y		Oct 2012
6.2) CARTR, 7.62MM (AA11)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	199,640	1.05	Y		Oct 2009
6.2) CARTR, 7.62MM (AA11)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	1,105,100	1.21	Y		Oct 2010
6.2) CARTR, 7.62MM (AA11)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	65,000	1.23	Y		Oct 2011
6.2) CARTR, 7.62MM (AA11)		2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	100,000	1.14	Y		Oct 2010
6.3) CTG., 7.62MM X 39MM BLANK (NNSN)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2010	Sep 2011	153,000	0.16	Y		Oct 2009
6.3) CTG., 7.62MM X 39MM BLANK (NNSN)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	150,000	0.17	Y		Oct 2011
6.5) CTG, 7.62MM, SHORT RANGE TRAINING (AA39)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	60,000	0.95	Y		Oct 2011
6.6) CTG., 7.62MM (AA04)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	295,100	2.28	Y		Oct 2011
†6.8) CTG, 7.62MM, BLANK (A111)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Oct 2010	3,400,800	1.00	Y		Oct 2009
†6.8) CTG, 7.62MM, BLANK (A111)	✓	2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Oct 2010	5,058,400	1.00	Y		Oct 2009
†6.8) CTG, 7.62MM, BLANK (A111)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jul 2011	Apr 2012	3,260,215	0.65	Y		Oct 2010
†6.8) CTG, 7.62MM, BLANK (A111)	✓	2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jul 2011	Apr 2012	2,647,692	0.65	Y		Oct 2010
†6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Oct 2011	7,042,341	0.88	Y		Oct 2010
†6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)	✓	2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Oct 2011	2,926,136	0.88	Y		Oct 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 1 / BSA 1				P-1 Line Item Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo		
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
†6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)		2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2013	Apr 2014	6,000,000	1.01	Y		Oct 2012
†6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)	✓	2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2013	Apr 2014	495,000	1.01	Y		Oct 2012
6.10) CTG, 7.62MM, BALL, M80, LKD (A143)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Oct 2010	1,300,000	0.79	Y		Oct 2009
6.10) CTG, 7.62MM, BALL, M80, LKD (A143)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Oct 2011	2,156,623	0.77	Y		Oct 2010
6.10) CTG, 7.62MM, BALL, M80, LKD (A143)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2012	Dec 2012	400,000	0.92	Y		Oct 2011
6.10) CTG, 7.62MM, BALL, M80, LKD (A143)	✓	2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2012	Dec 2012	516,300	0.92	Y		Oct 2011
6.11) CTG, 7.62MM, LKD (A165)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	3,078,000	1.00	Y		Oct 2009
6.11) CTG, 7.62MM, LKD (A165)	✓	2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	3,714,000	1.00	Y		Oct 2009
6.11) CTG, 7.62MM, LKD (A165)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	3,301,714	0.77	Y		Oct 2010
6.11) CTG, 7.62MM, LKD (A165)	✓	2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	2,148,051	0.77	Y		Oct 2010
6.11) CTG, 7.62MM, LKD (A165)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	2,300,000	0.94	Y		Oct 2011
6.11) CTG, 7.62MM, LKD (A165)	✓	2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	1,095,744	0.94	Y		Oct 2011
6.11) CTG, 7.62MM, LKD (A165)	✓	2013	UNKNOWN / UNKNOWN	C / TBD	JMC ROCK ISLAND	Mar 2013	Sep 2014	515,463	0.97	Y		Dec 2012
6.12) CTG, 7.62MM, DUMMY AMMO (A162)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Apr 2013	Oct 2014	11,000	3.36	Y		Oct 2012
7) (AH100) 38CAL CARTRIDGES												
7.1) CTG, .38 BLANK (A403)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	10,000	0.50	Y		Oct 2011
7.1) CTG, .38 BLANK (A403)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	10,204	0.49	Y		Oct 2012
8) (AH100) 45 CAL CARTRIDGES												
8.1) CTG, .45 CAL BALL (A475)		2012	UNKNOWN / UNKNOWN	C / FFP	ROCK ISLAND	Mar 2012	Sep 2013	10,000	0.50	Y		Dec 2011
8.1) CTG, .45 CAL BALL (A475)		2013	UNKNOWN / UNKNOWN	C / FFP	ROCK ISLAND	Mar 2013	Sep 2014	130,000	0.51	Y		Dec 2012
9) (AH100) 9MM CARTRIDGES												
†9.1) CTG, 9MM, BALL (A363)	✓	2010	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	1,447,058	0.17	Y		Oct 2009

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo		
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) CTG, 9MM, BALL (A363)		2011	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	12,887,438	0.17	Y		Oct 2010
†9.1) CTG, 9MM, BALL (A363)	✓	2011	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	2,723,529	0.17	Y		Oct 2010
†9.1) CTG, 9MM, BALL (A363)		2012	UNKNOWN / UNKNOWN	SS / FFP	JMC ROCK ISLAND	Jan 2012	Jul 2013	7,500,000	0.20	Y		Oct 2011
†9.1) CTG, 9MM, BALL (A363)	✓	2012	UNKNOWN / UNKNOWN	SS / FFP	JMC ROCK ISLAND	Jan 2012	Jul 2013	6,500,000	0.20	Y		Oct 2011
†9.1) CTG, 9MM, BALL (A363)		2013	UNKNOWN / UNKNOWN	SS / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	8,920,000	0.20	Y		Oct 2012
†9.1) CTG, 9MM, BALL (A363)	✓	2013	UNKNOWN / UNKNOWN	SS / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	3,215,000	0.20	Y		Oct 2012
†9.2) CTG, 9MM, FX, MARKING, RED (AA12)		2010	GDOTS CANADA / CANADA	SS / FFP	MARINE CORP, QUANTICO	Jan 2010	Jul 2011	136,000	1.00	Y		Oct 2009
†9.2) CTG, 9MM, FX, MARKING, RED (AA12)		2011	GDOTS CANADA / CANADA	SS / FFP	MARINE CORP QUANTICO	Jan 2011	Jul 2012	773,684	0.38	Y		Oct 2010
†9.2) CTG, 9MM, FX, MARKING, RED (AA12)		2012	GDOTS CANADA / CANADA	SS / FFP	MARINE CORP QUANTICO	Jan 2012	Jul 2013	309,000	1.00	Y		Oct 2011
†9.2) CTG, 9MM, FX, MARKING, RED (AA12)		2013	GDOTS CANADA / CANADA	SS / FFP	MARINE CORP QUANTICO	Apr 2013	Oct 2014	1,000,000	0.39	Y		Oct 2010
†9.3) CTG, 9MM, FRANGIBLE (AA16)		2010	OLIN CORPORATION / ILLINOIS	C / FFP	NSWC CRANE	May 2010	Apr 2012	4,023,603	0.29	Y		Oct 2009
†9.3) CTG, 9MM, FRANGIBLE (AA16)		2011	OLIN CORPORATION / ILLINOIS	C / FFP	NSWC CRANE	Jun 2011	Oct 2012	1,860,000	0.30	Y		Oct 2010
†9.3) CTG, 9MM, FRANGIBLE (AA16)		2012	OLIN CORP / ILLINOIS	C / FFP	NSWC CRANE	Mar 2012	Oct 2012	4,800,000	0.31	Y		Oct 2011
†9.3) CTG, 9MM, FRANGIBLE (AA16)		2013	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Apr 2013	Oct 2014	1,000,000	0.31	Y		Oct 2012
†9.4) CTG, 9MM, FX, MARKING, BLUE (AA21)		2010	GDOTS CANADA / CANADA	C / FFP	MARINE CORP	Jan 2010	Dec 2010	96,000	1.00	Y		Oct 2009
†9.4) CTG, 9MM, FX, MARKING, BLUE (AA21)		2011	GDOTS CANADA / CANADA	C / FFP	MARINE CORP	Jan 2011	Dec 2011	204,167	0.48	Y		Oct 2010
†9.4) CTG, 9MM, FX, MARKING, BLUE (AA21)		2012	UNKNOWN / UNKNOWN	C / FFP	MARINE CORP	Jan 2012	Sep 2012	448,000	1.00	Y		Oct 2011
†9.4) CTG, 9MM, FX, MARKING, BLUE (AA21)		2013	UNKNOWN / UNKNOWN	C / FFP	MARINE CORP QUANTICO	Mar 2013	Nov 2013	800,000	0.50	Y		Oct 2012
9.5) CTG, 9MM DUMMY AMMO (A359)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	19,000	2.00	Y		Oct 2012
9.6) CTG, 9MM JKTD HOLLOW PT (A260)		2013	UNKNOWN / UNKNOWN	TBD	JMC ROCK ISLAND	Jan 2013	Jul 2014	300,000	0.71	Y		Oct 2012
10) (AH100) GRENADES												

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo		
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) FUZE, DELAY M228 (G878)		2010	MARTIN ELECTRONICS, INC. / PERRY, FL	C / FFP	JMC ROCK ISLAND	Mar 2010	Sep 2011	6,384	4.54	Y		Oct 2009
10.1) FUZE, DELAY M228 (G878)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jan 2012	Jul 2013	6,120	7.52	Y		Oct 2011
10.2) GREN, LAUNCHER, SMK, IR SCREEN (G826)		2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	MIPR	JMC ROCK ISLAND	Jan 2012	Sep 2012	10,000	295.60	Y		Oct 2011
10.3) GRENADE, HND, SMK, GREEN (G940)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jan 2012	Sep 2012	10,000	53.00	Y		Oct 2011
10.6) GRENADE, HND, SMK, YELLOW (G945)		2011	PINE BLUFF ARSENAL / PINE BLUFF, AR	MIPR	JMC ROCK ISLAND	Mar 2011	Apr 2012	4,646	39.60	Y		Oct 2010
10.7) GRENADE, HND, NON-LETHAL (GG04)		2013	UNKNOWN / UNKNOWN	TBD	JMC ROCK ISLAND	Mar 2013	Sep 2014	2,700	27.78	Y		Oct 2012
11) (AH100) MINES												
11.2) MINE AP M18A1WITH SHOCK TUBE (J007)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jan 2012	Jul 2013	1,400	261.00	Y		Oct 2011
11.2) MINE AP M18A1WITH SHOCK TUBE (J007)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jan 2013	Jul 2014	3,200	466.88	Y		Oct 2012
11.3) RIOT CNTRL, CS (K765)		2011	NON-LETHAL TECH / HOMER, PA	C / FFP	JMC ROCK ISLAND	Mar 2011	Sep 2012	2,740	0.73	Y		Oct 2010
11.3) RIOT CNTRL, CS (K765)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jan 2012	Jul 2013	3,000	0.33	Y		Oct 2011
11.3) RIOT CNTRL, CS (K765)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jan 2013	Jul 2014	3,000	0.33	Y		Oct 2012
12) (AH100) SHOTGUN CARTRIDGES												
12.1) CTG., 12 GA, RUBBER, FIN STAB (AA31)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jan 2012	Jul 2013	15,000	3.87	Y		Oct 2011
12.1) CTG., 12 GA, RUBBER, FIN STAB (AA31)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jan 2013	Jul 2014	2,500	4.00	Y		Oct 2012
12.2) CTG, 12 GA NO.9 (A017)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jan 2012	Sep 2012	75,000	0.33	Y		Oct 2011
12.3) CTG, 12 GA NO. 00 (A011)	✓	2010	OLIN CORPORATION / ILLINOIS	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2010	173,760	0.51	Y		Oct 2009
12.3) CTG, 12 GA NO. 00 (A011)		2011	OLIN CORPORATION / ILLINOIS	C / FFP	JMC ROCK ISLAND	Jun 2011	Dec 2011	2,098,879	0.39	Y		Oct 2010
12.4) CTG, 12 GA, FRANGIBLE (AA86)		2012	UNKNOWN / UNKNOWN	C / FFP	TBD	Jul 2012	Jun 2013	295,100	0.60	Y		Mar 2012
12.5) CTG, 12 GA WARNING MUNITION (LA51)		2010	COMBINED SYSTEMS INC. / JAMESTOWN, NY	C / FFP	NSWC CRANE	Jan 2010	Oct 2010	50,000	7.88	Y		Oct 2009

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo		
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
12.5) CTG, 12 GA WARNING MUNITION (LA51)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Oct 2014	30,000	14.20	N		Oct 2012
12.6) CTG, 12 GA WARNING MUNITION (LA52)		2010	COMBINED SYSTEMS INC. / JAMESTOWN, NY	C / FFP	NSWC CRANE	Jan 2010	Oct 2010	50,000	8.38	Y		Oct 2009
12.7) (AA55) CTG, 12 GA DUMMY AMMUNITION (AA55)		2013	UNKNOWN / UNKNOWN	C / FFP	TBD	Mar 2013	Sep 2014	4,000	0.75	Y		Dec 2012
13) (AH350) MATCH AMMO												
13.1) CTG, .22 CAL, BALL, LR, MATCH (A091)		2010	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Sep 2010	Mar 2012	517,000	0.40	Y		Oct 2009
13.1) CTG, .22 CAL, BALL, LR, MATCH (A091)		2011	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Aug 2011	Feb 2013	50,000	0.10	Y		Oct 2010
13.1) CTG, .22 CAL, BALL, LR, MATCH (A091)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jul 2012	Jan 2014	145,000	0.10	Y		Jan 2012
13.1) CTG, .22 CAL, BALL, LR, MATCH (A091)		2013	UNKNOWN / UNKNOWN	C / TBD	JMC ROCK ISLAND	Mar 2013	Sep 2014	400,000	0.12	Y		Oct 2012
13.2) CTG, 5.56MM, SPECIAL BALL, MK 262 MOD 1 (AA53)		2010	BLACK HILLS AMMUNITION / RAPID CITY, SD	C / TBD	NSWC CRANE	Mar 2010	Sep 2011	300,000	0.56	Y		Oct 2009
13.2) CTG, 5.56MM, SPECIAL BALL, MK 262 MOD 1 (AA53)		2011	BLACK HILLS AMMUNITION / RAPID CITY, SD	C / TBD	NSWC CRANE	Mar 2011	Sep 2012	324,561	0.57	Y		Oct 2010
13.2) CTG, 5.56MM, SPECIAL BALL, MK 262 MOD 1 (AA53)		2012	BLACK HILLS AMMUNITION / RAPID CITY, SD	C / TBD	NSWC CRANE	Jul 2012	Jan 2014	160,000	0.58	Y		Jan 2012
13.2) CTG, 5.56MM, SPECIAL BALL, MK 262 MOD 1 (AA53)		2013	BLACK HILLS AMMUNITION / RAPID CITY, SD	C / TBD	TBD	Apr 2013	Oct 2014	1,000,000	0.59	Y		Oct 2012
13.3) CTG., 45 CAL, BALL, M1911, M (A483)		2012	UNKNOWN / UNKNOWN	C / TBD	TBD	Jul 2012	Aug 2012	45,000	1.00	Y		Jan 2012
13.3) CTG., 45 CAL, BALL, M1911, M (A483)		2013	UNKNOWN / UNKNOWN	C / TBD	TBD	Jul 2013	Aug 2013	59,000	1.00	Y		Jan 2013
13.4) CTG., 28 GAGE SKEET LOAD, PLASTIC CASE 2 DRAMS (A057)		2010	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Sep 2010	Mar 2012	125,000	0.25	Y		Jul 2010
13.4) CTG., 28 GAGE SKEET LOAD, PLASTIC CASE 2 DRAMS (A057)		2011	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Apr 2011	Oct 2012	125,737	0.25	Y		Jan 2011
13.4) CTG., 28 GAGE SKEET LOAD, PLASTIC CASE 2 DRAMS (A057)		2012	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	TBD	Apr 2012	Oct 2013	125,000	0.26	Y		Oct 2011
13.4) CTG., 28 GAGE SKEET LOAD, PLASTIC CASE 2 DRAMS (A057)		2013	FEDERAL CARTRIDGE / MINNESOTA	C / TBD	TBD	Apr 2013	Oct 2014	125,000	0.26	Y		Oct 2012
13.5) CTG., 20 GAGE SHOTGUN, SKEET LOAD 2 1/2 DRAMS POWDER (A046)		2010	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Sep 2010	Mar 2012	125,000	0.25	Y		Jul 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 1 / BSA 1				P-1 Line Item Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo		
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
13.5) CTG., 20 GAGE SHOTGUN, SKEET LOAD 2 1/2 DRAMS POWDER (A046)		2011	FEDERAL CARTRIDGE / MINNESOTA	C / CPFF	TBD	Apr 2011	Oct 2012	125,000	0.26	Y		Jan 2011
13.5) CTG., 20 GAGE SHOTGUN, SKEET LOAD 2 1/2 DRAMS POWDER (A046)		2012	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC Indian Head	Apr 2012	Oct 2013	125,000	0.26	Y		Jan 2012
13.5) CTG., 20 GAGE SHOTGUN, SKEET LOAD 2 1/2 DRAMS POWDER (A046)		2013	UNKNOWN / UNKNOWN	C / TBD	TBD	Apr 2013	Oct 2014	200,000	0.26	Y		Oct 2012
13.6) 12 GA CARTRIDGE SKEET DRAM PAPER (LL0003348)		2011	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Sep 2011	Mar 2013	1,444	3.50	Y		Jul 2011
17) (AHNSW) GRENADES												
17.1) FUZE, DELAY M228, F/M 68 HAND GRND (G878)		2012	MARTIN ELECTRONICS, INC. / PERRY,FL	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	10,080	7.44	Y		Oct 2011
17.2) GRENADE, HAND, FRAG (G881)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	6,000	36.41	N	Dec 2012	Oct 2012
17.5) GRENADE, HAND, SMOKE, RED (G950)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	12,000	41.73	Y		Oct 2011
18) (AHNSW) 9MM CARTRIDGES												
18.1) CTG, 9MM BALL (A363)		2012	OLIN CORPORATION / ILLINOIS	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	8,000,000	0.20	Y		Oct 2011
18.1) CTG, 9MM BALL (A363)		2013	OLIN CORPORATION / ILLINOIS	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	5,500,100	0.20	Y		Oct 2012
19) (AHNSW) 7.62MM CARTRIDGES												
19.1) CTG, 7.62MM BLANK, LINKED (A111)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	2,968,000	0.71	Y		Jul 2011
19.1) CTG, 7.62MM BLANK, LINKED (A111)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	1,500,000	0.77	Y		Oct 2012
19.2) CTG, 7.62MM BALL LINKED (NO TRACER) (A143)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	600,000	0.92	Y		Oct 2011
19.2) CTG, 7.62MM BALL LINKED (NO TRACER) (A143)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	1,400,000	0.91	Y		Oct 2012
19.3) CTG, 7.62MM LINKED 9.1 DIM TRACED F/MK 44 (A257)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	1,000,500	0.93	Y		Oct 2011
19.3) CTG, 7.62MM LINKED 9.1 DIM TRACED F/MK 44 (A257)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	2,001,000	0.93	Y		Oct 2012
†19.5) CTG, 7.62MM LNKD, BALL AND TRACER (A131)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	8,583,200	0.90	Y		Oct 2011

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo		
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
†19.5) CTG, 7.62MM LNKD, BALL AND TRACER (A131)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	4,000,000	1.01	Y		Jan 2013
20) (AHNSW) 5.56MM CARTRIDGES												
20.1) CTG, 5.56MM BALL, CARBINE, BARRIER, MK		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	1,180,800	0.80	N		Oct 2012
20.4) CTG, 5.56MM BLANK, LDD M27 LINK (A075)		2013	ATK LAKE CITY / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	3,300,000	0.45	Y		Oct 2012
20.5) CTG, 5.56MM BLANK (TRAINING ITEM) (A080)		2012	ATK LAKE CITY / UNKNOWN	C / TBD	** NO PCO **	Oct 2011	Apr 2013	1,295,040	0.32	N		
20.5) CTG, 5.56MM BLANK (TRAINING ITEM) (A080)		2013	ATK LAKE CITY / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	1,500,250	0.32	Y		Oct 2012
20.8) CTG, 5.56MM MARKING, RED (AA12)		2012	ATK LAKE CITY / UNKNOWN	MIPR	MARINE CORP QUANTICO	Jan 2012	Jul 2013	275,000	1.00	Y		Oct 2011
21) (AHNSW) .50 CAL CARTRIDGES												
21.1) CTG, CAL .50 LINKED BALL (NO TRACER) (A555)		2012	ATK LAKE CITY / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	500,000	2.88	Y		Oct 2011
21.1) CTG, CAL .50 LINKED BALL (NO TRACER) (A555)		2013	ATK LAKE CITY / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	710,000	2.80	Y		Oct 2012
†21.4) CTG, CAL .50 LINKED, M2 APL, M8/APK-T M20 (A576)		2013	ATK LAKE CITY / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jun 2013	Dec 2014	1,500,000	3.16	Y		Oct 2012
21.5) CTG, CAL .50 LINKED, BLANK, M1A1 (A598)		2013	ATK LAKE CITY / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	700,000	2.01	Y		Oct 2012
Remarks: (1)The production line is operating at maximum capacity. Production of FY10 orders will begin February 2012.												

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012								
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1										P-1 Line Item Nomenclature: 0335 - Small Arms & Lndg Party Ammo										Aggregated Item Name: Small Arms & Lndg Party Ammo											
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														
							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) (AH100) 50 CAL CARTRIDGES																															
4.8) CTG, 50 CAL, LKD & TRACER (A557)																															
	72	2010	NAVY (2)	3017	0	3017	-	-	-	-	-	-	-	-	-	1000	1000	1000	17.4												
	72	2011	NAVY	4676	0	4676	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	1000	1000	1000	1676	
	72	2012	NAVY (3)	1872	0	1872	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	1872	
	73	2013	NAVY	3802	0	3802	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3802	
✓	73	2013	NAVY	171.8	0	171.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	171.8	
5) (AH100) 5.56MM CARTRIDGES																															
5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)																															
	74	2010	NAVY	2715	0	2715	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000	1000	715			
✓	74	2010	NAVY	6275	0	6275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000	1000	1000	1000	1000	1275
	75	2013	NAVY	4500	0	4500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4500	
	76	2011	NAVY	3780	0	3780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000	1000	1000	780.4		
✓	76	2011	NAVY	2358	0	2358	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000	1000	300	57.89		
	76	2012	NAVY	4500	0	4500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000	1000	2500		
✓	76	2012	NAVY	3000	0	3000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000	1000	1000	1000		
5.3) CTG, 5.56MM M855 (A059)																															
	77	2010	NAVY	7135	0	7135	-	-	-	-	-	-	-	-	1000	1000	1000	1000	1000	1000	1135										
✓	77	2010	NAVY	2885	0	2885	-	-	-	-	-	-	-	-	1000	1000	884.6														
	77	2011	NAVY	5558	0	5558	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2558		
	77	2012	NAVY	4500	0	4500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4500		
	78	2013	NAVY	14200	0	14200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14200		
✓	78	2013	NAVY	1250	0	1250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1250		
6) (AH100) 7.62MM CARTRIDGES																															
6.8) CTG, 7.62MM, BLANK (A111)																															
	79	2010	NAVY	3401	0	3401	1000	1000	1000	400.8																					
✓	79	2010	NAVY	5058	0	5058	1000	1000	1000	1000	1058																				
	79	2011	NAVY	3260	0	3260	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	1000	1000	1000	260.2		
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0335 - Small Arms & Lndg Party Ammo **Aggregated Item Name:** Small Arms & Lndg Party Ammo

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
88	2013	NAVY	800	0	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	800
19) (AHNSW) 7.62MM CARTRIDGES																														
19.5) CTG, 7.62MM LNKD, BALL AND TRACER (A131)																														
89	2012	NAVY	8583	0	8583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8583	
89	2013	NAVY	4000	0	4000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4000	
21) (AHNSW) .50 CAL CARTRIDGES																														
21.4) CTG, CAL .50 LINKED, M2 APL, M8/APK-T M20 (A576)																														
90	2013	NAVY	1500	0	1500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1500	
						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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0335 - Small Arms & Lndg Party Ammo **Aggregated Item Name:** Small Arms & Lndg Party Ammo

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
4) (AH100) 50 CAL CARTRIDGES																															
4.8) CTG, 50 CAL, LKD & TRACER (A557)																															
	72	2010	NAVY (2)	3017	3017	0																									
	72	2011	NAVY	4676	3000	1676	1000	75.09	601.1	.01																					
	72	2012	NAVY (3)	1872	0	1872	-	-	1000	871.6																					
	73	2013	NAVY	3802	0	3802	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000	1000	1000	750	52.1
✓	73	2013	NAVY	171.8	0	171.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	162.9	8.955			
5) (AH100) 5.56MM CARTRIDGES																															
5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)																															
	74	2010	NAVY	2715	2715	0																									
✓	74	2010	NAVY	6275	6275	0																									
	75	2013	NAVY	4500	0	4500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000	3500
	76	2011	NAVY	3780	3000	780.4	780.4																								
✓	76	2011	NAVY	2358	2300	57.89	57.89																								
	76	2012	NAVY	4500	2000	2500	1000	1000	500																						
✓	76	2012	NAVY	3000	2000	1000	1000																								
5.3) CTG, 5.56MM M855 (A059)																															
	77	2010	NAVY	7135	7135	0																									
✓	77	2010	NAVY	2885	2885	0																									
	77	2011	NAVY	5558	3000	2558	1000	1000	558.4																						
	77	2012	NAVY	4500	0	4500	-	-	-	-	-	-	-	-	-	-	-	1000	1000	1000	1000	500									
	78	2013	NAVY	14200	0	14200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2000	12200
✓	78	2013	NAVY	1250	0	1250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500	750
6) (AH100) 7.62MM CARTRIDGES																															
6.8) CTG, 7.62MM, BLANK (A111)																															
	79	2010	NAVY	3401	3401	0																									
✓	79	2010	NAVY	5058	5058	0																									
	79	2011	NAVY	3260	3260	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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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																	Date: February 2012															
Appropriation / Budget Activity / Budget Sub Activity:							P-1 Line Item Nomenclature:										Aggregated Item Name:															
1508N / BA 1 / BSA 1							0335 - Small Arms & Lndg Party Ammo										Small Arms & Lndg Party Ammo															
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	
✓	79	2011	NAVY	2648	2648	0																										
6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)																																
	80	2011	NAVY	7042	7042	0																										
✓	80	2011	NAVY	2926	2926	0																										
	80	2013	NAVY	6000	0	6000	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	1000	1000	1000	1000	1000	1000	
✓	80	2013	NAVY	495	0	495	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	100	100	95		
9) (AH100) 9MM CARTRIDGES																																
9.1) CTG, 9MM, BALL (A363)																																
✓	81	2010	NAVY	1447	1447	0																										
	81	2011	NAVY	12887	9000	3887	3000	887.4																								
✓	81	2011	NAVY	2724	2724	0																										
	82	2012	NAVY	7500	0	7500	-	-	-	-	-	-	-	-	1500	1500	1500	1500	1500													
✓	82	2012	NAVY	6500	0	6500	-	-	-	-	-	-	-	-	2000	2000	2000	500														
	82	2013	NAVY	8920	0	8920	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2000	6920	
✓	82	2013	NAVY	3215	0	3215	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000	2215	
9.2) CTG, 9MM, FX, MARKING, RED (AA12)																																
	83	2010	NAVY	136	136	0																										
	83	2011	NAVY	773.7	600	173.7	173.7																									
	83	2012	NAVY	309	0	309	-	-	-	-	-	-	-	-	100	100	100	9														
	83	2013	NAVY	1000	0	1000	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000	
9.3) CTG, 9MM, FRANGIBLE (AA16)																																
	84	2010	NAVY	4024	4024	0																										
	84	2011	NAVY	1860	0	1860	500	500	860																							
	85	2012	NAVY	4800	0	4800	1000	1000	1000	1000	800																					
	86	2013	NAVY	1000	0	1000	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1000	
9.4) CTG, 9MM, FX, MARKING, BLUE (AA21)																																
	87	2010	NAVY	96	96	0																										
	87	2011	NAVY	204.2	204.2	0																										
	88	2012	NAVY	448	100	348	100	100	100	48																						
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0335 - Small Arms & Lndg Party Ammo **Aggregated Item Name:** Small Arms & Lndg Party Ammo

COST ELEMENTS Units in Thousands							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														
							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) (AH100) 50 CAL CARTRIDGES																															
4.8) CTG, 50 CAL, LKD & TRACER (A557)																															
	72	2010	NAVY (2)	3017	3017	0																									
	72	2011	NAVY	4676	4676	0																									
	72	2012	NAVY (3)	1872	1872	0																									
	73	2013	NAVY	3802	3802	0																									
✓	73	2013	NAVY	171.8	171.8	0																									
5) (AH100) 5.56MM CARTRIDGES																															
5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)																															
	74	2010	NAVY	2715	2715	0																									
✓	74	2010	NAVY	6275	6275	0																									
	75	2013	NAVY	4500	1000	3500	1000	1000	1000	500																					
	76	2011	NAVY	3780	3780	0																									
✓	76	2011	NAVY	2358	2358	0																									
	76	2012	NAVY	4500	4500	0																									
✓	76	2012	NAVY	3000	3000	0																									
5.3) CTG, 5.56MM M855 (A059)																															
	77	2010	NAVY	7135	7135	0																									
✓	77	2010	NAVY	2885	2885	0																									
	77	2011	NAVY	5558	5558	0																									
	77	2012	NAVY	4500	4500	0																									
	78	2013	NAVY	14200	2000	12200	2000	2000	2000	2000	2200																				
✓	78	2013	NAVY	1250	500	750	500	250																							
6) (AH100) 7.62MM CARTRIDGES																															
6.8) CTG, 7.62MM, BLANK (A111)																															
	79	2010	NAVY	3401	3401	0																									
✓	79	2010	NAVY	5058	5058	0																									
	79	2011	NAVY	3260	3260	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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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0335 - Small Arms & Lndg Party Ammo **Aggregated Item Name:** Small Arms & Lndg Party Ammo

COST ELEMENTS Units in Thousands							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														
							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
✓	79	2011	NAVY	2648	2648	0																									
6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)																															
	80	2011	NAVY	7042	7042	0																									
✓	80	2011	NAVY	2926	2926	0																									
	80	2013	NAVY	6000	6000	0																									
✓	80	2013	NAVY	495	495	0																									
9) (AH100) 9MM CARTRIDGES																															
9.1) CTG, 9MM, BALL (A363)																															
✓	81	2010	NAVY	1447	1447	0																									
	81	2011	NAVY	12887	12887	0																									
✓	81	2011	NAVY	2724	2724	0																									
	82	2012	NAVY	7500	7500	0																									
✓	82	2012	NAVY	6500	6500	0																									
	82	2013	NAVY	8920	2000	6920	2000	2000	2000	920																					
✓	82	2013	NAVY	3215	1000	2215	1000	1000	215																						
9.2) CTG, 9MM, FX, MARKING, RED (AA12)																															
	83	2010	NAVY	136	136	0																									
	83	2011	NAVY	773.7	773.7	0																									
	83	2012	NAVY	309	309	0																									
	83	2013	NAVY	1000	0	1000	300	300	300	100																					
9.3) CTG, 9MM, FRANGIBLE (AA16)																															
	84	2010	NAVY	4024	4024	0																									
	84	2011	NAVY	1860	1860	0																									
	85	2012	NAVY	4800	4800	0																									
	86	2013	NAVY	1000	0	1000	500	500																							
9.4) CTG, 9MM, FX, MARKING, BLUE (AA21)																															
	87	2010	NAVY	96	96	0																									
	87	2011	NAVY	204.2	204.2	0																									
	88	2012	NAVY	448	448	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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Exhibit P-21, Budget Production Schedule: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1	P-1 Line Item Nomenclature: 0335 - Small Arms & Lndg Party Ammo	Aggregated Item Name: Small Arms & Lndg Party Ammo

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	ATK LAKE CITY - LAKE CITY	0	6	20	4	4	9	13	4	4	13	17
2	UNKNOWN - UNKNOWN	0	6	20	4	4	9	13	4	4	13	17
3	OLIN CORPORATION - ILLINOIS	.07	840	1680	6	6	27	33	6	6	27	33
4	UNKNOWN - UNKNOWN	.07	840	1680	6	6	18	24	6	6	18	24
5	FEDERAL CARTRIDGE - MINNESOTA	.07	840	1680	6	6	10	16	6	6	11	17
6	ATK LAKE CITY - LAKE CITY	.08	70	1640	6	6	18	24	6	6	18	24
7	UNKNOWN - UNKNOWN	.08	70	1640	6	6	18	24	6	6	18	24
8	ATK LAKE CITY - LAKE CITY	0	14	48	4	4	9	13	4	4	13	17
9	ATK LAKE CITY - LAKE CITY	0	6	20	4	4	9	13	4	4	13	17
10	OLIN CORPORATION - ILLINOIS	.08	700	1640	6	6	18	24	6	6	18	24
11	UNKNOWN - UNKNOWN	.08	700	1640	6	6	18	24	6	6	18	24
12	GDOTS CANADA - CANADA	.07	840	1680	6	6	18	24	6	6	18	24
13	OLIN CORPORATION - ILLINOIS	.08	70	1640	6	6	23	29	6	6	16	22
14	OLIN CORP - ILLINOIS	.08	70	1640	6	6	14	20	6	6	7	13
15	UNKNOWN - UNKNOWN	.08	70	1640	6	6	18	24	6	6	18	24
16	GDOTS CANADA - CANADA	.08	70	1640	6	6	11	17	6	6	11	17
17	UNKNOWN - UNKNOWN	.08	70	1640	6	6	8	14	6	6	8	14
18	UNKNOWN - UNKNOWN	.08	70	1640	6	6	18	24	6	6	18	24
19	ATK LAKE CITY - UNKNOWN	.08	700	1640	6	6	18	24	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.
⁽²⁾FY10 - CTG., 50 CAL, LKD & TRACER (A557) QTY 3,017,400 and deliveries begin June 2011.
⁽³⁾FY12 - CTG., 50 CAL, LKD & TRACER (A557) QTY 2,600,000 and deliveries begin September 2012.

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition	P-1 Line Item Nomenclature: 0340 - Pyrotechnic and Demolition
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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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)	57.024	11.228	11.855	11.176	2.322	13.498	10.841	12.061	11.485	11.720	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	57.024	11.228	11.855	11.176	2.322	13.498	10.841	12.061	11.485	11.720	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	57.024	11.228	11.855	11.176	2.322	13.498	10.841	12.061	11.485	11.720	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:

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

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

AJ100 - PROCUREMENT

Procure components, load and assemble complete rounds and conduct acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items. Unit costs and quantities will be adjusted during the year of execution.

AJ830 - PRODUCTION ENGINEERING

Provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

AJ850 - PRODUCT IMPROVEMENT

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

AJ893- RENOVATION COMPONENTS

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition

P-1 Line Item Nomenclature:
0340 - Pyrotechnic and Demolition

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

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

AJ894- GAUGE REQUIREMENTS

Procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and sub-assemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

AJ895- NON-STANDARD ITEMS

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

AJG86 - OVERSEAS CONTINGENCY OPERATIONS (OCO) SUPPLEMENTAL

Ammunition being procured with OCO funding.

AJNSW - PROCUREMENT

Procure components, load and assemble complete rounds and conduct acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items for Naval Special Warfare service common items. Unit costs and quantities will be adjusted during the year of execution.

NS830 - PRODUCTION ENGINEERING

Provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

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)
Pyrotechnic and Demolition (See enclosed P-40A)	P40A, P5A, P21				57.024			11.228			11.855			11.176			2.322			13.498
Total Gross/Weapon System Cost				57.024			11.228			11.855			11.176			2.322			13.498	

*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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

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) AJ100 TRANSPORTATION ACCOUNT CODE																			
1.1) TRANSPORTATION ACCOUNT CODE (N87)	A	-	-	-	-	-	0.032	-	-	0.033	-	-	0.036	-	-	-	-	-	0.036
1.2) TRANSPORTATION ACCOUNT CODE (N86)	A	-	-	0.200	-	-	0.115	-	-	0.187	-	-	0.194	-	-	-	-	-	0.194
<i>Subtotal 1) AJ100 TRANSPORTATION ACCOUNT CODE</i>				0.200			0.147			0.220			0.230			0.000			0.230
2) AJ100 PE/QA SMCA																			
2.1) PE/QA SMCA	A	-	-	2.159	-	-	0.438	-	-	0.150	-	-	0.421	-	-	-	-	-	0.421
<i>Subtotal 2) AJ100 PE/QA SMCA</i>				2.159			0.438			0.150			0.421			0.000			0.421
3) AJ100 CUTTERS & CARTRIDGES																			
† 3.1) "POPPER" BLANK CARTRIDGES (AA64)	A	-	-	0.007	1.12	4,480	0.005	-	-	-	1.30	10,000	0.013	-	-	-	1.30	10,000	0.013
† 3.2) AVON CARTRIDGES (AA63)	A	-	-	-	5.38	13,200	0.071	-	-	-	-	-	-	-	-	-	-	-	-
† 3.3) BOLT, EXPL, MK5/0 (M254)	A	-	-	0.504	-	-	-	18,604.90	100	1.860	-	-	-	-	-	-	-	-	-
3.4) CARTRIDGE ASSEMBLY (MC91)	A	-	-	0.140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.5) CLAYVON CARTRIDGES (DWER)	A	-	-	-	8.00	2,250	0.018	-	-	-	-	-	-	-	-	-	-	-	-
† 3.6) CTG, 50 CAL BLANK, ELEC, MK20 (SS01)	A	-	-	0.526	-	-	-	182.00	2,000	0.364	-	-	-	-	-	-	-	-	-
3.7) CTG, IMPULSE, MK 148 (M663)	A	-	-	0.112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.8) CTG, IMPULSE, MK 235 (MW97)	A	-	-	0.314	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

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)
† 3.9) CUTTER, MK20, NON-ELECTRIC IN (SS43)	A	-	-	-	-	-	-	1,392.00	500	0.696	-	-	-	-	-	-	-	-	-
† 3.10) MK 277 ENHANCED BLANK (DWEC)	A	-	-	-	3.75	4,800	0.018	-	-	-	3.66	5,000	0.018	-	-	-	3.66	5,000	0.018
† 3.11) MK 278 BLACK POWDER BLANK (AA66)	A	-	-	0.008	1.92	4,160	0.008	-	-	-	1.50	10,000	0.015	-	-	-	1.50	10,000	0.015
† 3.12) MK 279 STEEL SLUG (DWED)	A	-	-	-	6.25	4,800	0.030	-	-	-	-	-	-	-	-	-	-	-	-
† 3.13) MK 280 ALUMINUM SLUG (DWEE)	A	-	-	-	6.06	4,950	0.030	-	-	-	-	-	-	-	-	-	-	-	-
3.14) SWITCH, SQUIB ACTUATED, MK 11 (M853)	A	-	-	0.040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.15) TITANIUM DISRUPTER CANNON (ST02)	A	-	-	0.192	-	-	-	1,271.40	100	0.127	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) AJ100 CUTTERS & CARTRIDGES</i>				1.843				0.180		3.047				0.046			0.000		0.046
4) AJ100 DET CORDS, CAPS & FUZES																			
4.1) ACCESSORY KIT, MK 34 MOD 0 (DWGL)	A	-	-	0.390	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) BREECH PLUG ASSEMBLY, TITANIUM (DWFL)	A	-	-	0.282	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.3) CAP, BLASTING, ELEC, INERT (MP16)	A	-	-	0.220	20.59	6,021	0.124	-	-	-	-	-	-	-	-	-	-	-	-
† 4.4) CAP, BLASTING, ELECTRIC MK 18 MOD 0 (DWHH)	A	-	-	-	40.11	7,030	0.282	-	-	-	41.96	19,995	0.839	41.96	10,009	0.420	41.96	30,004	1.259
4.5) CAP, BLASTING, ELECTRIC, MK 17 MOD 1 (DWFP)	A	-	-	1.016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

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) CAP, BLASTIN, NON-ELEC, INERT (M097)	A	-	-	0.226	-	-	-	20.61	10,000	0.206	-	-	-	-	-	-	-	-	-
4.7) CAP, BLASTIN, NON-ELEC, M7 (M131)	A	-	-	0.128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.8) CONNECTOR, DET CORD, PLASTIC (MW49)	A	-	-	0.015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.9) CORD, DETONATING, PRIMACORD (M456)	A	-	-	0.717	0.57	1,068,000	0.609	0.58	589,655	0.342	2.60	185,000	0.481	2.60	123,846	0.322	2.60	308,846	0.803
† 4.10) CORD, DETONATING, REINFORCED (M458)	A	-	-	0.016	0.69	16,000	0.011	-	-	-	-	-	-	-	-	-	-	-	-
4.11) DET, NON-ELEC, 50' DUAL, MK 153 (MN51)	A	-	-	0.245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.12) DETONATOR, DEL, 175MS, MK 156 30 FT (DWEJ)	A	-	-	-	-	-	-	16.50	10,000	0.165	-	-	-	-	-	-	-	-	-
† 4.13) DETONATOR, DEL, 17MS, MK 158 (DWEL)	A	-	-	-	-	-	-	16.33	3,000	0.049	-	-	-	-	-	-	-	-	-
† 4.14) DETONATOR, DEL, 200MS, MK 157 (DWEK)	A	-	-	-	-	-	-	16.50	6,000	0.099	-	-	-	-	-	-	-	-	-
† 4.15) DETONATOR, DEL, 25MS, MK 160 (DWEN)	A	-	-	-	-	-	-	16.50	2,000	0.033	-	-	-	-	-	-	-	-	-
† 4.16) DETONATOR, DEL, 42MS, MK 159 (DWEM)	A	-	-	-	-	-	-	16.33	3,000	0.049	-	-	-	-	-	-	-	-	-
4.17) DETONATOR, NON-ELEC, MK 121 (MM58)	A	-	-	1.116	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.18) DETONATOR,	A	-	-	0.335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

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)
NON-ELEC, MK 121 (MP17)																			
† 4.19) EOD REFILL KIT-LMNS (DWGJ)	A	-	-	0.167	-	-	-	-	-	-	446.67	600	0.268	-	-	-	446.67	600	0.268
† 4.20) FIRING DEVICE BASE COUPLING (DWHB)	A	-	-	0.701	-	-	-	904.00	250	0.226	-	-	-	-	-	-	-	-	-
† 4.21) FIRING DEVICE DEMO MK 67 (MP19)	A	-	-	1.669	20,349.21	126	2.564	-	-	-	-	-	-	-	-	-	-	-	-
† 4.22) FIRING DEVICE, ACOUSTIC MK 5 (MP23)	A	-	-	1.206	-	-	-	1,510.00	300	0.453	-	-	-	-	-	-	-	-	-
† 4.23) FIRING DEVICE, MK 62 (MN81)	A	-	-	7.273	-	-	-	-	-	-	1,091.50	700	0.764	-	-	-	1,091.50	700	0.764
† 4.24) FUZE, BLASTING, TIME (M670)	A	-	-	0.215	0.51	500,000	0.255	0.44	391,477	0.172	-	-	0.000	0.37	450,000	0.166	0.37	450,000	0.166
† 4.25) IGNITIER, TIME BLASTING FUZE (MN08)	A	-	-	1.009	8.09	33,500	0.271	-	-	-	6.80	35,000	0.238	6.80	37,352	0.254	6.80	72,352	0.492
4.26) NON-EL DET W/IN-LINE INITIATION (MN52)	A	-	-	0.468	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.27) REMOTE FIRING DEVICE, MK 66 MOD (DWGZ)	A	-	-	-	-	-	-	-	-	-	65.20	5,000	0.326	-	-	-	65.20	5,000	0.326
4.28) RADIO FIRING DEVICE (RFD) MK 186 (ML06)	A	-	-	2.097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.29) REMOTE FIRING DEVICE, MK 64 MOD (DWFD)	A	-	-	0.590	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.30) SQUIB, ELECTRIC, MK 20 (MG61)	A	-	-	0.689	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.31) SQUIB, ELECTRONIC, MK 20 MOD 1 (JM94)	A	-	-	0.477	44.38	8,000	0.355	-	-	-	46.49	9,400	0.437	-	-	-	46.49	9,400	0.437

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

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)
4.32) (MN54) DET, NON-EL, 500" DUAL, MK155 (MN54)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) AJ100 DET CORDS, CAPS & FUZES				21.267			4.471			1.794			3.353			1.162			4.515
5) MINE CHARGES & CHARGE CUTTERS																			
5.1) CANINE EXPLOSIVE KIT, PART A (MN76)	A	-	-	0.008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) CANINE EXPLOSIVE KIT, PART B (MN77)	A	-	-	0.041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.3) CHG KIT, DML, MK 75 (MW84)	A	-	-	0.752	-	-	-	1,148.44	768	0.882	-	-	-	-	-	-	-	-	-
5.4) CHG, ASSY, DML, M183/37 (M757)	A	-	-	2.830	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.5) CHG, BOOSTER, 20 GM, MK 140 (MM30)	A	-	-	0.079	-	-	-	-	-	-	4.09	20,050	0.082	-	-	-	4.09	20,050	0.082
† 5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023)	A	-	-	1.591	39.86	9,960	0.397	30.82	41,042	1.265	37.76	36,255	1.369	37.76	14,989	0.566	37.76	51,244	1.935
5.7) CHG, DML, BLK, M118, PETN, 2LB (M024)	A	-	-	0.477	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.8) CHG, DML, SHAPED, M3, 40 LB (M421)	A	-	-	-	-	-	-	1,367.35	49	0.067	-	-	-	-	-	-	-	-	-
† 5.9) CHG, DEML, MK 144 MOD O LOW HAZARD FLEX (MM52)	A	-	-	-	-	-	-	-	-	-	-	-	0.000	49.50	10,000	0.495	49.50	10,000	0.495
5.10) CHG, DML, XPL ROLL, 11FT (M985)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.11) CHG, DML, XPL ROLL, 25 FT (M981)	A	-	-	-	35.70	2,577	0.092	-	-	-	-	-	-	-	-	-	-	-	-

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

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)
5.12) CHG, DML, XPL ROLL, 38 FT, 14 (M980)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.13) DEMO CHG, MK 36/1, INERT (MP01)	A	-	-	0.170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.14) MK 147 BATTERY (CWBD)	A	-	-	0.021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.15) (M474) CONTAINER, DML CHG, MK-1 (M474)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.16) (M475) CONTAINER, DML CHG, MK-2 (M475)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.17) (MN70) CUTTER, POWDER ACTUATED MK 23/1 (MN70)	A	-	-	-	-	-	-	-	-	-	405.71	700	0.284	-	-	-	405.71	700	0.284
† 5.18) CHARGE, DEMO SHEET, FLEXIBLE, 0.043 THICK (M994)	A	-	-	-	18.09	2,432	0.044	-	-	-	19.80	5,000	0.099	19.80	5,000	0.099	19.80	10,000	0.198
5.19) (MW02) VALVE, EXPLOSIVE ELECTRIC, MK 2 MOD 1 (MW02)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.20) (MN71) CUTTER, POWDER ACTUATED MK 24/1	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) MINE CHARGES & CHARGE CUTTERS</i>				5.969			0.533			2.214			1.834			1.160			2.994
6) AJ100 HARDWARE (N87 SPONSOR)																			
† 6.1) MARKER, LOCATION, SUB, MK 120/23, GREEN (L259) ⁽¹⁾	A	-	-	0.656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 6.2) MARKER, LOCATION, SUB,	A	-	-	-	-	-	-	1,145.45	275	0.315	1,554.82	301	0.468	-	-	-	1,554.82	301	0.468

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

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)
MK 121 YELLOW (L260)																			
† 6.3) SIG, SMK ILLUM, MAR, MK 117, GREEN (LA26) ⁽²⁾	A	-	-	0.306	2,768.00	250	0.692	-	-	-	1,573.53	476	0.749	-	-	-	1,573.53	476	0.749
6.4) SIG, SMK ILLUM, MAR, MK 144/118, YELLOW (LA27)	A	-	-	1.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 6.5) MARKER, LOCATION, SUB, MK 140/66, RED (LA28)	A	-	-	1.126	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) AJ100 HARDWARE (N87 SPONSOR)</i>				3.588			0.692			0.315			1.217			0.000			1.217
7) AJ100 PYRO AND DEMO MATERIAL																			
7.1) TRANSPORTATION ACCOUNT CODE	A	-	-	0.365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 7) AJ100 PYRO AND DEMO MATERIAL</i>				0.365			0.000			0.000			0.000			0.000			0.000
8) AJ100 SHOCK TEST CHARGES																			
† 8.1) CHARGE, SHOCK TEST, 60 LB (XW65)	A	-	-	3.617	1,542.69	527	0.813	-	-	-	-	-	-	-	-	-	-	-	-
8.2) (MM63) CHG, SHOCK TEST, 3500 LB (MM63)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.3) SHOCK TEST CHARGE, 320 LB (9W50)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 8) AJ100 SHOCK TEST CHARGES</i>				3.617			0.813			0.000			0.000			0.000			0.000
9) AJ100 SIGNALS																			
† 9.1) SIGNAL KIT, PERS DISTRESS, MK 79 (L118)	A	-	-	-	84.07	3,978	0.334	-	-	-	-	-	-	-	-	-	-	-	-
† 9.2) SIGNAL, ILLUM, GROUND, WHITE STAR, M127 (L312)	A	-	-	-	-	-	-	56.69	13,300	0.754	-	-	-	-	-	-	-	-	-

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

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) SIGNAL, SMOKE, MARINE, MK 145 MOD 0 (DWEF)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.4) SIG KIT MK 189, MOD 0 (L564)	A	-	-	0.103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.5) (L258) SIGNAL ILLUMINATION, L80/0 RED STAR (L258)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.6) SIG, SMK ILLUM, MAR, MK 124/13, DISTRESS (L283)	A	-	-	2.318	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 9.7) SIG, SMK ILLUM, MAR, MK 124/1, DISTRESS (LA60)	A	-	-	-	97.70	870	0.085	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 9) AJ100 SIGNALS</i>				2.421			0.419			0.754			0.000			0.000			0.000
10) TRAINING DEVICES																			
10.1) SIM, BOOBY TRAP, M118 (L599)	A	-	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.2) SIM, FLASH, ARTILLERY, M110 (L596)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 10.3) SIM, HAND GRENADE, M116 (L601)	A	-	-	0.182	15.43	4,990	0.077	18.27	6,512	0.119	14.69	8,100	0.119	-	-	-	14.69	8,100	0.119
† 10.4) SIM, PROJ, GROUND BURST (L594)	A	-	-	0.166	14.77	6,500	0.096	-	-	-	-	-	-	-	-	-	-	-	-
10.5) (L495) FLARE, SURFACE, TRIP, M49 (L495)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.6) (L598) SIM, BOOBY TRAP, M117 (L598)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 10) TRAINING DEVICES</i>				0.365			0.173			0.119			0.119			0.000			0.119
11) AJ101 SUPPLEMENTAL																			
11.1) NON-EL DET W/IN-LINE	A	-	-	0.274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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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 1 / BSA 1					P-1 Line Item Nomenclature: 0340 - Pyrotechnic and Demolition					Aggregated Item Name: Pyrotechnic and Demolition									
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)
INITIATION (MN52)																			
<i>Subtotal 11) AJ101 SUPPLEMENTAL</i>				0.274			0.000			0.000			0.000			0.000			0.000
12) AJ830 PRODUCTION ENGINEERING																			
12.1) PRODUCTION ENGINEERING (N86)	A	-	-	8.363	-	-	1.097	-	-	0.127	-	-	1.267	-	-	-	-	-	1.267
12.2) PRODUCTION ENGINEERING (N87)	A	-	-	0.774	-	-	0.958	-	-	1.897	-	-	0.840	-	-	-	-	-	0.840
12.3) PRODUCTION ENGINEERING (N85)	A	-	-	0.009	-	-	0.009	-	-	0.008	-	-	0.010	-	-	-	-	-	0.010
<i>Subtotal 12) AJ830 PRODUCTION ENGINEERING</i>				9.146			2.064			2.032			2.117			0.000			2.117
13) AJ850 PRODUCT IMPROVEMENT																			
13.1) PRODUCT IMPROVEMENT (N87)	A	-	-	-	-	-	0.662	-	-	0.101	-	-	-	-	-	-	-	-	-
13.2) PRODUCT IMPROVEMENT (N86)	A	-	-	4.946	-	-	-	-	-	0.097	-	-	0.548	-	-	-	-	-	0.548
<i>Subtotal 13) AJ850 PRODUCT IMPROVEMENT</i>				4.946			0.662			0.198			0.548			0.000			0.548
14) AJ893 RENOVATION COMPONENTS																			
14.1) RENOVATION COMPONENTS	A	-	-	0.551	-	-	0.600	-	-	0.050	-	-	0.261	-	-	-	-	-	0.261
<i>Subtotal 14) AJ893 RENOVATION COMPONENTS</i>				0.551			0.600			0.050			0.261			0.000			0.261
15) AJ894 GAUGE REQUIREMENTS																			
15.1) GAUGE REQUIREMENTS	A	-	-	0.096	-	-	0.023	-	-	0.003	-	-	0.003	-	-	-	-	-	0.003

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

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)
<i>Subtotal 15</i> AJ894 GAUGE REQUIREMENTS				0.096			0.023			0.003			0.003			0.000			0.003
16) AJ895 NON-STANDARD																			
† 16.1) NON-STANDARD	A	-	-	0.044	-	-	0.013	-	-	0.006	-	-	0.130	-	-	-	-	-	0.130
<i>Subtotal 16) AJ895 NON-STANDARD</i>				0.044			0.013			0.006			0.130			0.000			0.130
17) AJG86 OVERSEAS CONTINGENCY OPERATIONS																			
† 17.1) CHG, DEML, MK 149 MOD 0 LOW HAZARD FLEX LIN SHP	A	-	-	-	-	-	-	82.00	2,500	0.205	-	-	-	-	-	-	-	-	-
<i>Subtotal 17) AJG86 OVERSEAS CONTINGENCY OPERATIONS</i>				0.000			0.000			0.205			0.000			0.000			0.000
18) AJNSW DET, CORDS, CAPS, FUZES																			
† 18.1) CHG, BOOSTER, 20 GM, MK 140 (MM30)	A	-	-	-	-	-	-	2.44	23,000	0.056	-	-	-	-	-	-	-	-	-
† 18.2) ADAPTER, PLI, MK 173, F/M60 FUSE IGNITER (DWBJ)	A	-	-	-	-	-	-	0.70	10,000	0.007	-	-	-	-	-	-	-	-	-
18.3) CHG, DEMO, COMP C-4 M112, 1.25LB (ML03)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.4) IGNITER, TIME BLASTING FUZE (MN08)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.5) DET, NON-EL, 50' DUAL, MK153 (MN51)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.6) NON-EL DET W/IN-TIME INITIATOR (MN52)	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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

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)
18.7) DET NON-EL, 500" DUAL, MK 155 (MN54)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 18) AJNSW DET, CORDS, CAPS, FUZES</i>				0.000			0.000			0.063			0.000			0.000			0.000
19) AJNSW MINE CHARGERS & CHARGE CUTTERS																			
† 19.1) CHG, DML, BLK, COMP C-4, 1.25 (M023)	A	-	-	-	-	-	-	30.82	13,000	0.400	37.76	13,800	0.521	-	-	-	37.76	13,800	0.521
<i>Subtotal 19) AJNSW MINE CHARGERS & CHARGE CUTTERS</i>				0.000			0.000			0.400			0.521			0.000			0.521
20) AJNSW TRAINING DEVICES																			
20.1) SIM, HAND GERNADE, M116 (L601)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 20.2) FLARE, SURFACE TRIP M49 (L495)	A	-	-	-	-	-	-	-	-	-	40.72	5,000	0.203	-	-	-	40.72	5,000	0.203
<i>Subtotal 20) AJNSW TRAINING DEVICES</i>				0.000			0.000			0.000			0.203			0.000			0.203
21) AJNSW SIGNALS																			
21.1) SIGNAL, ILLUMINATION, GRND RED/STR PARA (L311)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.2) SIGNAL, ILLUMINATION, GRND GRN/STR CL (L314)	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 21) AJNSW SIGNALS</i>				0.000			0.000			0.000			0.000			0.000			0.000
22) (NS830) PRODUCTION ENGINEERING																			
22.1) PRODUCTION ENGINEERING	A	-	-	-	-	-	-	-	-	0.285	-	-	0.173	-	-	-	-	-	0.173
<i>Subtotal 22) (NS830) PRODUCTION ENGINEERING</i>				0.000			0.000			0.285			0.173			0.000			0.173

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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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

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) GW1X1-DET CORDS, CPAS & FUZES																			
23.1) NON-EL DET WIN-LINE INITIATOR (MN52)	A	-	-	0.122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 23) GW1X1-DET CORDS, CPAS & FUZES</i>				0.122			0.000			0.000			0.000			0.000			0.000
24) WAXXX ACQUISITION WORKFORCE FUND-2009																			
24.1) ACQUISITION WORKFORCE FUND-2009	A	-	-	0.051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 24) WAXXX ACQUISITION WORKFORCE FUND-2009</i>				0.051			0.000			0.000			0.000			0.000			0.000
Total				57.024			11.228			11.855			11.176			2.322			13.498

Remarks:

- (1) A decrease in dollars/qty resulted in a different Unit Cost bracket that caused the unit cost to be significantly higher than the original dollar/qty.
- (2) LA26 - FY11 Price includes hardware and First Article Testing costs and FY13 is just includes hardware funding.

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0340 - Pyrotechnic and Demolition						Aggregated Item Name: Pyrotechnic and Demolition		
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) AJ100 CUTTERS & CARTRIDGES												
†3.1) "POPPER" BLANK CARTRIDGES (AA64)		2010	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CRANE	Sep 2011	Mar 2013	5,500	1.27	Y		Oct 2010
†3.1) "POPPER" BLANK CARTRIDGES (AA64)		2011	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CR	Sep 2011	Mar 2013	4,480	1.12	Y		Feb 2011
†3.1) "POPPER" BLANK CARTRIDGES (AA64)		2013	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CRANE	Mar 2013	Sep 2014	10,000	1.30	Y		Dec 2012
†3.2) AVON CARTRIDGES (AA63)		2011	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CR	Sep 2011	Mar 2013	10,200	5.39	Y		Jul 2011
†3.2) AVON CARTRIDGES (AA63)	✓	2011	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CRANE	Sep 2011	Mar 2013	3,000	5.33	Y		Mar 2011
3.3) BOLT, EXPL, MK5/0 (M254)		2012	UNKNOWN / UNKNOWN	C / FFP	NSWC IH	Apr 2012	Oct 2013	100	18,604.90	Y		Oct 2011
3.5) CLAYVON CARTRIDGES (DWER)		2011	YAL ARMS INTERNATIONAL / CANOGA	C / FFP	NWSC CRANE	Sep 2011	Feb 2013	2,250	8.00	Y		Jul 2011
3.6) CTG, 50 CAL BLANK, ELEC, MK20 (SS01)		2010	TBD / UNKNOWN	C / FFP	NSWC CRANE	Jun 2012	Aug 2012	1,515	173.60	Y		Mar 2012
3.6) CTG, 50 CAL BLANK, ELEC, MK20 (SS01)		2012	UNKNOWN / TBD	C / FFP	NSWC CRANE	Jun 2012	Apr 2013	2,000	182.00	Y		Mar 2012
†3.9) CUTTER, MK20, NON-ELECTRIC IN (SS43)		2012	UNKNOWN / UNKNOWN	C / FFP	NSWC IH	Apr 2012	Oct 2013	500	1,392.00	Y		Dec 2011
3.10) MK 277 ENHANCED BLANK (DWEC)		2011	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CR	Sep 2011	Sep 2012	4,800	3.75	Y		Jul 2011
3.10) MK 277 ENHANCED BLANK (DWEC)		2013	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CRANE	Mar 2013	Mar 2014	5,000	3.66	Y		Dec 2012
3.11) MK 278 BLACK POWDER BLANK (AA66)		2010	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CRANE	Aug 2011	Nov 2012	5,500	1.45	Y		Oct 2010
3.11) MK 278 BLACK POWDER BLANK (AA66)		2011	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CR	Sep 2011	Feb 2013	4,160	1.92	Y		Feb 2011
3.11) MK 278 BLACK POWDER BLANK (AA66)		2013	L-TECH ENTERPRISE / EUBANK, KY	SS / FFP	NSWC CRANE	Mar 2013	Dec 2013	10,000	1.50	Y		Oct 2012
3.12) MK 279 STEEL SLUG (DWED)		2011	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CR	Sep 2011	Feb 2013	4,800	6.25	Y		Jul 2011
3.13) MK 280 ALUMINUM SLUG (DWEE)		2011	L-TECH ENT / EUBANK, KY	SS / FFP	NWSC CRANE	Sep 2011	Feb 2013	4,950	6.06	Y		Jul 2011
3.15) TITANIUM DISRUPTER CANNON (ST02)		2012	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Apr 2012	Jan 2013	100	1,271.40	Y		Oct 2011
4) AJ100 DET CORDS, CAPS & FUZES												
4.3) CAP, BLASTING, ELEC, INERT (MP16)		2011	STRESAU LABS / Sponner, WI	C / FFP	NSWC CR	May 2011	Dec 2012	6,021	20.59	Y		Oct 2008

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0340 - Pyrotechnic and Demolition						Aggregated Item Name: Pyrotechnic and Demolition		
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
†4.4) CAP, BLASTING, ELECTRIC MK 18 MOD 0 (DWHH)		2011	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Feb 2012	Jun 2013	7,030	40.11	Y		Dec 2010
†4.4) CAP, BLASTING, ELECTRIC MK 18 MOD 0 (DWHH)		2013	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Mar 2013	Sep 2014	19,995	41.96	Y		Dec 2012
†4.4) CAP, BLASTING, ELECTRIC MK 18 MOD 0 (DWHH)	✓	2013	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Mar 2013	Sep 2014	10,009	41.96	Y		Dec 2012
4.6) CAP, BLASTIN, NON-ELEC, INERT (M097)	✓	2012	UNKNOWN / UNKNOWN	MIPR	JMC ROCK ISLAND	Mar 2012	Jan 2013	10,000	20.61	Y		Oct 2011
†4.9) CORD, DETONATING, PRIMACORD (M456)		2010	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Dec 2009	Jun 2011	852,000	0.53	Y		Oct 2009
†4.9) CORD, DETONATING, PRIMACORD (M456)	✓	2010	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Mar 2010	Sep 2011	500,000	0.53	Y		Oct 2009
†4.9) CORD, DETONATING, PRIMACORD (M456)		2011	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Jun 2011	Dec 2013	568,000	0.60	Y		Oct 2009
†4.9) CORD, DETONATING, PRIMACORD (M456)	✓	2011	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Jun 2012	Dec 2013	500,000	0.54	Y		Oct 2009
†4.9) CORD, DETONATING, PRIMACORD (M456)		2012	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	589,655	0.58	Y		Oct 2009
†4.9) CORD, DETONATING, PRIMACORD (M456)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	185,000	2.60	Y		Dec 2012
†4.9) CORD, DETONATING, PRIMACORD (M456)	✓	2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	123,846	2.60	Y		Dec 2012
4.10) CORD, DETONATING, REINFORCED (M458)		2011	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Aug 2011	Mar 2012	16,000	0.69	Y		Oct 2009
4.12) DETONATOR, DEL, 175MS, MK 156 30 FT (DWEJ)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Aug 2012	Mar 2014	10,000	16.50	Y		Mar 2012
4.13) DETONATOR, DEL, 17MS, MK 158 (DWEL)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Aug 2012	Mar 2014	3,000	16.33	Y		Mar 2012
4.14) DETONATOR, DEL, 200MS, MK 157 (DWEK)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Aug 2012	Mar 2014	6,000	16.50	Y		Mar 2012
4.15) DETONATOR, DEL, 25MS, MK 160 (DWEN)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Aug 2012	Mar 2014	2,000	16.50	Y		Mar 2012
4.16) DETONATOR, DEL, 42MS, MK 159 (DWEM)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Aug 2012	Mar 2014	3,000	16.33	Y		Mar 2012
†4.19) EOD REFILL KIT-LMNS (DWGJ)		2013	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Mar 2013	Sep 2014	600	446.67	Y		Dec 2012
4.20) FIRING DEVICE BASE COUPLING (DWHB)		2012	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Apr 2012	Apr 2013	250	904.00	Y		Oct 2011
4.21) FIRING DEVICE DEMO MK 67 (MP19)		2011	ROTHENBUHLER ENGINEERING / Spokane, WA	C / IDIQ	NSWC CRANE	Mar 2011	Mar 2012	126	20,349.21	Y		Oct 2007

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0340 - Pyrotechnic and Demolition						Aggregated Item Name: Pyrotechnic and Demolition		
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
4.22) FIRING DEVICE, ACOUSTIC MK 5 (MP23)		2012	HI-SHEAR TECH / New MFG - Loc	C / FFP	NSWC CRANE	Jan 2012	Jul 2013	300	1,510.00	Y		Oct 2008
†4.23) FIRING DEVICE, MK 62 (MN81)		2013	AMTEC CORPORATION / JANESVILLE, WI	C / TBD	NSWC CRANE	Mar 2013	Jun 2014	700	1,091.50	Y		Dec 2012
4.24) FUZE, BLASTING, TIME (M670)		2010	UNIDENTIFIED / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2012	Jun 2012	500,000	0.43	Y		Mar 2011
4.24) FUZE, BLASTING, TIME (M670)	✓	2011	UNIDENTIFIED / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2012	Jun 2012	500,000	0.51	Y		Mar 2011
4.24) FUZE, BLASTING, TIME (M670)		2012	TBD / UNIDENTIFIED	C / FFP	JMC ROCK ISLAND	Mar 2012	Jan 2013	391,477	0.44	Y		Mar 2011
4.24) FUZE, BLASTING, TIME (M670)	✓	2013	TBD / UNIDENTIFIED	C / FFP	JMC ROCK ISLAND	Mar 2013	Jan 2014	450,000	0.37	Y		Dec 2012
4.25) IGNITIER, TIME BLASTING FUZE (MN08)	✓	2011	MAST TECHNOLOGY / INDEPENDENCE MISSOURI	C / FFP	JMC ROCK ISLAND	Jun 2011	Apr 2012	33,500	8.09	Y		Oct 2009
4.25) IGNITIER, TIME BLASTING FUZE (MN08)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Jan 2014	35,000	6.80	Y		Dec 2012
4.25) IGNITIER, TIME BLASTING FUZE (MN08)	✓	2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Jan 2014	37,352	6.80	Y		Dec 2012
†4.27) REMOTE FIRING DEVICE, MK 66 MOD (DWGZ)		2013	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Mar 2013	Sep 2014	5,000	65.20	Y		Dec 2012
†4.31) SQUIB, ELECTRONIC, MK 20 MOD 1 (JM94)		2010	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Mar 2012	Sep 2013	11,000	43.36	Y		Feb 2011
†4.31) SQUIB, ELECTRONIC, MK 20 MOD 1 (JM94)		2011	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Mar 2012	Sep 2013	8,000	44.38	Y		Feb 2011
†4.31) SQUIB, ELECTRONIC, MK 20 MOD 1 (JM94)		2013	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Mar 2013	Sep 2014	9,400	46.49	Y		Dec 2012
5) MINE CHARGES & CHARGE CUTTERS												
†5.3) CHG KIT, DML, MK 75 (MW84)		2010	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Sep 2011	Jun 2012	537	1,400.37	Y		Oct 2009
†5.3) CHG KIT, DML, MK 75 (MW84)		2012	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Mar 2012	Apr 2013	550	1,149.09	Y		Oct 2009
†5.3) CHG KIT, DML, MK 75 (MW84)	✓	2012	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Mar 2012	Apr 2013	218	1,146.79	Y		Oct 2009
†5.5) CHG, BOOSTER, 20 GM, MK 140 (MM30)		2013	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	NSWC CRANE	Mar 2013	Sep 2014	20,050	4.09	Y		Dec 2012
†5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023)	✓	2011	AMERICAN ORDANCE / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Jun 2011	Jun 2012	9,960	39.86	Y		Oct 2009
†5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023)		2012	AMERICAN ORDANCE / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Mar 2012	Mar 2013	18,882	30.82	Y		Oct 2009

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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 1 / BSA 1			P-1 Line Item Nomenclature: 0340 - Pyrotechnic and Demolition						Aggregated Item Name: Pyrotechnic and Demolition			
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
†5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023)	✓	2012	AMERICAN ORDANCE / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Mar 2012	Mar 2013	22,160	30.82	Y		Oct 2009
†5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023)		2013	AMERICAN ORDANCE / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Mar 2013	Mar 2014	36,255	37.76	Y		Dec 2012
†5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023)	✓	2013	AMERICAN ORDANCE / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Mar 2013	Mar 2014	14,989	37.76	Y		Dec 2012
5.8) CHG, DML, SHAPED, M3, 40 LB (M421)		2012	AMERICAN ORDANCE / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Mar 2012	Jan 2013	49	1,367.35	Y		Oct 2010
†5.9) CHG, DEML, MK 144 MOD O LOW HAZARD FLEX (MM52)	✓	2013	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Mar 2013	Sep 2014	10,000	49.50	Y		Dec 2012
5.11) CHG, DML, XPL ROLL, 25 FT (M981)		2011	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Jun 2011	Apr 2012	2,577	35.70	Y		Oct 2008
†5.14) MK 147 BATTERY (CWBD)		2010	BREN-TRONICS INC / Commack, NY	C / FFP	NSWC CRANE	Aug 2011	Aug 2012	300	70.00	Y		Jan 2011
5.17) (MN70) CUTTER, POWDER ACTUATED MK 23/1 (MN70)		2013	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Mar 2013	Sep 2014	700	405.71	Y		Dec 2012
†5.18) CHARGE, DEMO SHEET, FLEXIBLE, 0.043 THICK (M994)		2011	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	JMC ROCK ISLAND	Apr 2011	Oct 2012	2,432	18.09	Y		Dec 2010
†5.18) CHARGE, DEMO SHEET, FLEXIBLE, 0.043 THICK (M994)		2013	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	JMC ROCK ISLAND	Apr 2013	Oct 2014	5,000	19.80	Y		Dec 2012
†5.18) CHARGE, DEMO SHEET, FLEXIBLE, 0.043 THICK (M994)	✓	2013	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	JMC ROCK ISLAND	Apr 2013	Oct 2014	5,000	19.80	Y		Dec 2012
6) AJ100 HARDWARE (N87 SPONSOR)												
6.1) MARKER, LOCATION, SUB, MK 120/23, GREEN (L259)		2010	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	NSWC CRANE	Aug 2011	Jan 2013	600	1,093.33	Y		Mar 2011
6.2) MARKER, LOCATION, SUB, MK 121 YELLOW (L260)		2012	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	NSWC CRANE	Jun 2012	Jun 2013	275	1,145.45	Y		Mar 2011
6.2) MARKER, LOCATION, SUB, MK 121 YELLOW (L260)		2013	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	NSWC CR	Jun 2013	Jun 2014	301	1,554.82	Y		Mar 2011
†6.3) SIG, SMK ILLUM, MAR, MK 117, GREEN (LA26)		2010	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	NSWC CRANE	Aug 2011	Jan 2013	139	1,625.90	Y		Mar 2011
†6.3) SIG, SMK ILLUM, MAR, MK 117, GREEN (LA26)		2011	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	NSWC CRANE	Aug 2011	Jan 2013	250	2,768.00	Y		Mar 2011
†6.3) SIG, SMK ILLUM, MAR, MK 117, GREEN (LA26)		2013	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	NSWC CRANE	Mar 2013	Mar 2014	476	1,573.53	Y		Dec 2012
6.5) MARKER, LOCATION, SUB, MK 140/66, RED (LA28)		2010	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	NSWC CRANE	Aug 2011	Jan 2013	479	1,114.82	Y		Mar 2011
8) AJ100 SHOCK TEST CHARGES												

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0340 - Pyrotechnic and Demolition						Aggregated Item Name: Pyrotechnic and Demolition		
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) CHARGE, SHOCK TEST, 60 LB (XW65)		2011	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Feb 2012	Aug 2012	527	1,542.69	Y		Oct 2010
9) AJ100 SIGNALS												
9.1) SIGNAL KIT, PERS DISTRESS, MK 79 (L118)		2011	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Feb 2012	Sep 2012	3,978	84.07	Y		Apr 2011
9.2) SIGNAL, ILLUM, GROUND, WHITE STAR, M127 (L312)		2012	SECURITY SIGNALS / CORDOVA, TN	C / FFP	JMC ROCK ISLAND	Mar 2012	Mar 2013	7,800	56.67	Y		Oct 2011
9.2) SIGNAL, ILLUM, GROUND, WHITE STAR, M127 (L312)	✓	2012	SECURITY SIGNALS / CORDOVA, TN	C / FFP	JMC ROCK ISLAND	Mar 2012	Mar 2013	5,500	56.73	Y		Oct 2011
9.7) SIG, SMK ILLUM, MAR, MK 124/1, DISTRESS (LA60)		2011	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	JMC ROCK ISLAND	Sep 2011	Mar 2013	870	97.70	Y		Apr 2011
10) TRAINING DEVICES												
10.3) SIM, HAND GRENADE, M116 (L601)		2011	GRUCCI INC / BROOKHAVEN, NY	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	4,990	15.43	Y		Oct 2011
10.3) SIM, HAND GRENADE, M116 (L601)		2012	GRUCCI INC / BROOKHAVEN, NY	C / FFP	JMC ROCK ISLAND	Mar 2012	Mar 2013	6,512	18.27	Y		Oct 2011
10.3) SIM, HAND GRENADE, M116 (L601)		2013	GRUCCI INC / BROOKHAVEN, NY	C / FFP	JMC ROCK ISLAND	Mar 2013	Mar 2014	8,100	14.69	Y		Dec 2012
10.4) SIM, PROJ, GROUND BURST (L594)		2011	GRUCCI INC / BROOKHAVEN, NY	C / FFP	JMC ROCK ISLAND	Aug 2011	Apr 2014	6,500	14.77	Y		Oct 2010
17) AJG86 OVERSEAS CONTINGENCY OPERATIONS												
17.1) CHG, DEML, MK 149 MOD 0 LOW HAZARD FLEX LIN SHP	✓	2012	DONOVAN INDUSTRIES / Graham, KY	SS / IDIQ	NSWC CRANE	Mar 2012	Jun 2013	2,500	82.00	Y		Oct 2008
18) AJNSW DET, CORDS, CAPS, FUZES												
18.1) CHG, BOOSTER, 20 GM, MK 140 (MM30)		2012	ENSIGN BICKFORD / SIMSBURY, CT	C / TBD	NSWC CRANE	Mar 2013	Sep 2014	23,000	2.44	Y		Dec 2012
18.2) ADAPTER, PLI, MK 173, F/M60 FUSE IGNITER (DWBJ)		2012	UNKNOWN / UNKNOWN	C / TBD	JMC ROCK ISLAND	Mar 2013	Sep 2014	10,000	0.70	Y		Mar 2012
19) AJNSW MINE CHARGERS & CHARGE CUTTERS												
19.1) CHG, DML, BLK, COMP C-4, 1.25 (M023)		2012	AMERICAN ORDANCE / MIDDLETOWN, IA	C / TBD	** NO PCO **	Oct 2011	Oct 2012	13,000	30.82	N		
19.1) CHG, DML, BLK, COMP C-4, 1.25 (M023)		2013	AMERICAN ORDANCE / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Mar 2013	Mar 2014	13,800	37.76	N		Dec 2012
20) AJNSW TRAINING DEVICES												

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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 1 / BSA 1	P-1 Line Item Nomenclature: 0340 - Pyrotechnic and Demolition	Aggregated Item Name: Pyrotechnic and Demolition
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
20.2) FLARE, SURFACE TRIP M49 (L495)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	5,000	40.72	Y		Dec 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 1 / BSA 1							P-1 Line Item Nomenclature: 0340 - Pyrotechnic and Demolition							Aggregated Item Name: Pyrotechnic and Demolition																	
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														
							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
3) AJ100 CUTTERS & CARTRIDGES																															
3.1) "POPPER" BLANK CARTRIDGES (AA64)																															
	91	2010	NAVY	5.5	0	5.5	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	5.5		
	91	2011	NAVY	4.48	0	4.48	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	4.48		
	91	2013	NAVY	10	0	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
3.2) AVON CARTRIDGES (AA63)																															
	92	2011	NAVY	10.2	0	10.2	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	10.2		
✓	92	2011	NAVY	3	0	3	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	3		
3.9) CUTTER, MK20, NON-ELECTRIC IN (SS43)																															
	93	2012	NAVY	.5	0	.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	0.5		
4) AJ100 DET CORDS, CAPS & FUZES																															
4.4) CAP, BLASTING, ELECTRIC MK 18 MOD 0 (DWHH)																															
	94	2011	NAVY	7.03	0	7.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	7.03		
	94	2013	NAVY	20	0	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
✓	94	2013	NAVY	10.01	0	10.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.01		
4.9) CORD, DETONATING, PRIMACORD (M456)																															
	95	2010	NAVY	852	0	852	-	-	-	-	-	-	-	-	852	-	-	-	-	-	-	-	-	-	-	-	-	-	852		
✓	95	2010	NAVY	500	0	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500		
	95	2011	NAVY	568	0	568	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	568		
✓	95	2011	NAVY	500	0	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	500		
	95	2012	NAVY	589.7	0	589.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	589.7		
	96	2013	NAVY	185	0	185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	185		
✓	96	2013	NAVY	123.8	0	123.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	123.8		
4.19) EOD REFILL KIT-LMNS (DWGJ)																															
	97	2013	NAVY	.6	0	.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6		
4.23) FIRING DEVICE, MK 62 (MN81)																															
	98	2013	NAVY	.7	0	.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7		
4.27) REMOTE FIRING DEVICE, MK 66 MOD (DWGZ)																															
	99	2013	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5		
							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

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																							Date: February 2012								
Appropriation / Budget Activity / Budget Sub Activity:							P-1 Line Item Nomenclature:										Aggregated Item Name:														
1508N / BA 1 / BSA 1							0340 - Pyrotechnic and Demolition										Pyrotechnic and Demolition														
COST ELEMENTS							Fiscal Year 2011										Fiscal Year 2012														
Units in Thousands							Calendar Year 2011										Calendar Year 2012														
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	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	A	U	U	E	C	T	O	V	C	A	B	R	R	Y	N	L	U	G	P
4.31) SQUIB, ELECTRONIC, MK 20 MOD 1 (JM94)																															
	100	2010	NAVY	11	0	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11		
	100	2011	NAVY	8	0	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8		
	100	2013	NAVY	9.4	0	9.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4		
5) MINE CHARGES & CHARGE CUTTERS																															
5.3) CHG KIT, DML, MK 75 (MW84)																															
	101	2010	NAVY	.537	0	.537	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	.537			
	101	2012	NAVY	.55	0	.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.55			
✓	101	2012	NAVY	.218	0	.218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.218			
5.5) CHG, BOOSTER, 20 GM, MK 140 (MM30)																															
	102	2013	NAVY	20.05	0	20.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.05			
5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023)																															
✓	103	2011	NAVY	9.96	0	9.96	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	5	4.96				
	103	2012	NAVY	18.88	0	18.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.88			
✓	103	2012	NAVY	22.16	0	22.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.16			
	103	2013	NAVY	36.26	0	36.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.26			
✓	103	2013	NAVY	14.99	0	14.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.99			
5.9) CHG, DEML, MK 144 MOD O LOW HAZARD FLEX (MM52)																															
✓	104	2013	NAVY	10	0	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10			
5.14) MK 147 BATTERY (CWBD)																															
	105	2010	NAVY	.3	0	.3	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	.3			
5.18) CHARGE, DEMO SHEET, FLEXIBLE, 0.043 THICK (M994)																															
	106	2011	NAVY	2.432	0	2.432	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	2.432			
	106	2013	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5			
✓	106	2013	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5			
6) AJ100 HARDWARE (N87 SPONSOR)																															
6.3) SIG, SMK ILLUM, MAR, MK 117, GREEN (LA26)																															
	107	2010	NAVY	.139	0	.139	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	0.139			
	107	2011	NAVY	.25	0	.25	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	0.25			
							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	R	R	Y	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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

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
3) AJ100 CUTTERS & CARTRIDGES																															
3.1) "POPPER" BLANK CARTRIDGES (AA64)																															
	91	2010	NAVY	5.5	0	5.5	-	-	-	-	-	-	1	1	1	1	1.5														
	91	2011	NAVY	4.48	0	4.48	-	-	-	-	-	-	1	1	1	1.48															
	91	2013	NAVY	10	0	10	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	8		
3.2) AVON CARTRIDGES (AA63)																															
	92	2011	NAVY	10.2	0	10.2	-	-	-	-	-	-	2	2	2	2	2.2														
✓	92	2011	NAVY	3	0	3	-	-	-	-	-	-	1	1	1																
3.9) CUTTER, MK20, NON-ELECTRIC IN (SS43)																															
	93	2012	NAVY	.5	0	.5	-	-	-	-	-	-	-	-	-	-	-	-	-	.5											
4) AJ100 DET CORDS, CAPS & FUZES																															
4.4) CAP, BLASTING, ELECTRIC MK 18 MOD 0 (DWHH)																															
	94	2011	NAVY	7.03	0	7.03	-	-	-	-	-	-	-	-	2	2	2	1.03													
	94	2013	NAVY	20	0	20	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	15		
✓	94	2013	NAVY	10.01	0	10.01	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	8.009			
4.9) CORD, DETONATING, PRIMACORD (M456)																															
	95	2010	NAVY	852	852	0																									
✓	95	2010	NAVY	500	500	0																									
	95	2011	NAVY	568	0	568	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	568				
✓	95	2011	NAVY	500	0	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500				
	95	2012	NAVY	589.7	0	589.7	-	-	-	-	-	-	-	-	-	-	-	-	500	89.66											
	96	2013	NAVY	185	0	185	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	185			
✓	96	2013	NAVY	123.8	0	123.8	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122.5	1.346		
4.19) EOD REFILL KIT-LMNS (DWGJ)																															
	97	2013	NAVY	.6	0	.6	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.6			
4.23) FIRING DEVICE, MK 62 (MN81)																															
	98	2013	NAVY	.7	0	.7	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.7			
4.27) REMOTE FIRING DEVICE, MK 66 MOD (DWGZ)																															
	99	2013	NAVY	5	0	5	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5			
							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

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

COST ELEMENTS Units in Thousands							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														
							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
3) AJ100 CUTTERS & CARTRIDGES																															
3.1) "POPPER" BLANK CARTRIDGES (AA64)																															
	91	2010	NAVY	5.5	5.5	0																									
	91	2011	NAVY	4.48	4.48	0																									
	91	2013	NAVY	10	2	8	2	2	2	2																					
3.2) AVON CARTRIDGES (AA63)																															
	92	2011	NAVY	10.2	10.2	0																									
✓	92	2011	NAVY	3	3	0																									
3.9) CUTTER, MK20, NON-ELECTRIC IN (SS43)																															
	93	2012	NAVY	.5	.5	0																									
4) AJ100 DET CORDS, CAPS & FUZES																															
4.4) CAP, BLASTING, ELECTRIC MK 18 MOD 0 (DWHH)																															
	94	2011	NAVY	7.03	7.03	0																									
	94	2013	NAVY	20	5	15	5	5	4.995																						
✓	94	2013	NAVY	10.01	2	8.009	2	2	2	2	.009																				
4.9) CORD, DETONATING, PRIMACORD (M456)																															
	95	2010	NAVY	852	852	0																									
✓	95	2010	NAVY	500	500	0																									
	95	2011	NAVY	568	568	0																									
✓	95	2011	NAVY	500	500	0																									
	95	2012	NAVY	589.7	589.7	0																									
	96	2013	NAVY	185	185	0																									
✓	96	2013	NAVY	123.8	122.5	1.346	1.346																								
4.19) EOD REFILL KIT-LMNS (DWGJ)																															
	97	2013	NAVY	.6	.6	0																									
4.23) FIRING DEVICE, MK 62 (MN81)																															
	98	2013	NAVY	.7	.7	0																									
4.27) REMOTE FIRING DEVICE, MK 66 MOD (DWGZ)																															
	99	2013	NAVY	5	5	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	B A L

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1 **P-1 Line Item Nomenclature:** 0340 - Pyrotechnic and Demolition **Aggregated Item Name:** Pyrotechnic and Demolition

COST ELEMENTS Units in Thousands							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														
							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
4.31) SQUIB, ELECTRONIC, MK 20 MOD 1 (JM94)																															
	100	2010	NAVY	11	11	0																									
	100	2011	NAVY	8	8	0																									
	100	2013	NAVY	9.4	3	6.4	3	3	.4																						
5) MINE CHARGES & CHARGE CUTTERS																															
5.3) CHG KIT, DML, MK 75 (MW84)																															
	101	2010	NAVY	.537	.537	0																									
	101	2012	NAVY	.55	.55	0																									
✓	101	2012	NAVY	.218	.218	0																									
5.5) CHG, BOOSTER, 20 GM, MK 140 (MM30)																															
	102	2013	NAVY	20.05	10	10.05	10.05																								
5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023)																															
✓	103	2011	NAVY	9.96	9.96	0																									
	103	2012	NAVY	18.88	18.88	0																									
✓	103	2012	NAVY	22.16	22.16	0																									
	103	2013	NAVY	36.26	36.26	0																									
✓	103	2013	NAVY	14.99	14.99	0																									
5.9) CHG, DEML, MK 144 MOD O LOW HAZARD FLEX (MM52)																															
✓	104	2013	NAVY	10	5	5	5																								
5.14) MK 147 BATTERY (CWBD)																															
	105	2010	NAVY	.3	.3	0																									
5.18) CHARGE, DEMO SHEET, FLEXIBLE, 0.043 THICK (M994)																															
	106	2011	NAVY	2.432	2.432	0																									
	106	2013	NAVY	5	0	5	5																								
✓	106	2013	NAVY	5	0	5	5																								
6) AJ100 HARDWARE (N87 SPONSOR)																															
6.3) SIG, SMK ILLUM, MAR, MK 117, GREEN (LA26)																															
	107	2010	NAVY	.139	.139	0																									
	107	2011	NAVY	.25	.25	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	B A L

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1	P-1 Line Item Nomenclature: 0340 - Pyrotechnic and Demolition	Aggregated Item Name: Pyrotechnic and Demolition

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	L-TECH ENT - EUBANK, KY	8	10	15	6	6	18	24	6	6	18	24
2	L-TECH ENT - EUBANK, KY	8	10	15	6	6	18	24	6	6	18	24
3	UNKNOWN - UNKNOWN	.08	700	1640	6	6	18	24	6	6	18	24
4	UNKNOWN - UNKNOWN	.08	70	1640	6	6	16	22	6	6	18	24
5	ENSIGN BICKFORD - GRAHAM, KY	500	1000	1000	6	6	18	24	6	6	30	36
6	UNKNOWN - UNKNOWN	500	1000	1000	6	6	18	24	6	6	18	24
7	UNKNOWN - UNKNOWN	.08	700	1640	6	6	18	24	6	6	18	24
8	AMTEC CORPORATION - JANESVILLE, WI	.5	2	5	6	6	15	21	6	6	15	21
9	UNKNOWN - UNKNOWN	.08	700	1640	6	6	18	24	6	6	18	24
10	UNKNOWN - UNKNOWN	2	4	10	6	6	12	18	6	6	18	24
11	ENSIGN BICKFORD - GRAHAM, KY	.08	70	1640	6	6	9	15	6	6	13	19
12	ENSIGN BICKFORD - SIMSBURY, CT	.08	700	1640	6	6	18	24	6	6	18	24
13	AMERICAN ORDANCE - MIDDLETOWN, IA	13.6	97	120	8	8	12	20	8	8	12	20
14	UNKNOWN - UNKNOWN	.08	700	1640	6	6	18	24	6	6	18	24
15	BREN-TRONICS INC - Commack, NY	0	0	0	6	6	12	18	6	6	12	18
16	ENSIGN BICKFORD - SIMSBURY, CT	.08	700	1640	6	6	18	24	6	6	18	24
17	CHEMRING ORDANCE INC - PERRY, FL	5.76	7.2	14.4	6	6	17	23	6	6	12	18

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition	P-1 Line Item Nomenclature: 0400 - Ammunition less than \$5 million
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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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)	32.122	4.083	10.107	4.116	6.308	10.424	3.210	3.268	3.312	3.371	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	32.122	4.083	10.107	4.116	6.308	10.424	3.210	3.268	3.312	3.371	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	32.122	4.083	10.107	4.116	6.308	10.424	3.210	3.268	3.312	3.371	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:

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

The LUU-19 aircraft parachute flare, a new start for FY 2012, is used for near infrared nighttime illumination of surface areas in search and attack operations. They are 36 inches long, 4.9 inches in diameter and weigh approximately 36 pounds and provide 7 minutes illumination at approximately 650 watts/steradian in the infrared region.

The FY 2012 baseline provides funding for MK-58 marine location marker, LUU-19 parachute flares procurement, and other support costs which include procurement of non-standard items, renovation components, and Product Improvement Program (PIP) efforts. The PIP efforts are required to improve the safety and reliability of marine location markers and parachute flares.

The FY 2013 baseline provides funding for MK-58 marine location marker, LUU-19 parachute flares procurement, and other support costs which include procurement of non-standard items, renovation components, and Product Improvement Program (PIP) efforts. The PIP efforts are required to improve the safety and reliability of marine location markers and parachute flares.

The FY 2012 Overseas Contingency Operations (OCO) funding (\$6M) provides approximately 4,000 LUU-19 aircraft parachute flares and associated support costs.

The FY 2013 OCO funding (\$6.3M) provides approximately 4,000 LUU-19 aircraft parachute flares and associated support costs.

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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 1 : Proc Ammo, Navy / BSA 1 : Navy Ammunition	P-1 Line Item Nomenclature: 0400 - Ammunition less than \$5 million
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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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)
Ammunition less than \$5 million (See enclosed P-40A)	P40A, P5A, P21				32.122			4.083			10.107			4.116			6.308			10.424
Total Gross/Weapon System Cost					32.122			4.083			10.107			4.116			6.308			10.424

*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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0400 - Ammunition less than \$5 million **Aggregated Item Name:** Ammunition 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)
1) HARDWARE																			
† 1.1) (A5010) MK-58 MARINE LOCATION MARKERS (1) (1)	A	-	-	18.186	417.39	8,340	3.481	439.98	7,464	3.284	447.52	4,697	2.102	-	-	-	447.52	4,697	2.102
† 1.2) (A5011) LUU-19 PARAFLARES (2)	A	-	-	-	-	-	-	1,500.12	4,013	6.020	1,576.97	851	1.342	1,577.00	4,000	6.308	1,576.99	4,851	7.650
1.3) (A5894) Miscellaneous (3)	A	-	-	-	-	-	-	-	-	0.030	-	-	0.027	-	-	-	-	-	0.027
<i>Subtotal 1)</i> <i>HARDWARE</i>				18.186			3.481			9.334			3.471			6.308			9.779
2) PRODUCTION SUPPORT																			
2.1) (A5820) Mk-58 Marine Location Marker Support	A	-	-	13.936	-	-	0.602	-	-	0.693	-	-	0.564	-	-	-	-	-	0.564
2.2) (A5820) LUU-19 Parafares Support	A	-	-	-	-	-	-	-	-	0.080	-	-	0.081	-	-	-	-	-	0.081
<i>Subtotal 2)</i> <i>PRODUCTION SUPPORT</i>				13.936			0.602			0.773			0.645			0.000			0.645
Total				32.122			4.083			10.107			4.116			6.308			10.424

Remarks:
 (1) Unit Cost is dependant on total quantities from the USAF and USN.
 (2) Unit Cost is dependant on total quantities from the USAF and USN.
 (3) Miscellaneous includes non-standard items and renovation components.

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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 1 / BSA 1				P-1 Line Item Nomenclature: 0400 - Ammunition less than \$5 million						Aggregated Item Name: Ammunition less than \$5 million		
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) HARDWARE												
1.1) (A5010) MK-58 MARINE LOCATION MARKERS (1)		2009	KILGORE FLARES / TOONE, TN	SS / FFP	NAVAIR Patuxent River, MD	Mar 2009	Mar 2010	6,356	365.98	Y		Jan 2007
1.1) (A5010) MK-58 MARINE LOCATION MARKERS (1)		2010	KILGORE FLARES / TOONE, TN	SS / FFP	NAVAIR Patuxent River, MD	Mar 2010	Mar 2011	5,190	379.00	Y		Jan 2007
1.1) (A5010) MK-58 MARINE LOCATION MARKERS (1)		2011	KILGORE FLARES / TOONE, TN	SS / FFP	NAVAIR Patuxent River, MD	Mar 2011	Mar 2012	8,340	417.39	Y		Jan 2007
1.1) (A5010) MK-58 MARINE LOCATION MARKERS (1)		2012	KILGORE FLARES / TOONE, TN	SS / FFP	NAVAIR Patuxent River, MDNAVAIR Patuxent River, MD	Mar 2012	Mar 2013	7,464	439.98	Y		Jan 2007
1.1) (A5010) MK-58 MARINE LOCATION MARKERS (1)		2013	KILGORE FLARES / TOONE, TN	SS / FFP	NAVAIR Patuxent River, MD	Mar 2013	Mar 2014	4,697	447.52	Y		Jan 2007
†1.2) (A5011) LUU-19 PARAFIARES (2)		2012	ATK / Brigham, UTAH	SS / FFP	NAVAIR Patuxent River, MD	Mar 2012	Mar 2013	13	1,538.46	Y		Oct 2011
†1.2) (A5011) LUU-19 PARAFIARES (2)	✓	2012	ATK / Brigham, UTAH	SS / FFP	NAVAIR Patuxent River, MD	Mar 2012	Mar 2013	4,000	1,500.00	Y		Oct 2011
†1.2) (A5011) LUU-19 PARAFIARES (2)		2013	ATK / Brigham, UTAH	SS / FFP	NAVAIR Patuxent River, MD	Mar 2013	Mar 2014	851	1,576.97	Y		Oct 2011
†1.2) (A5011) LUU-19 PARAFIARES (2)	✓	2013	ATK / Brigham, UTAH	SS / FFP	NAVAIR Patuxent River, MD	Mar 2013	Mar 2014	4,000	1,577.00	Y		Oct 2011
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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0400 - Ammunition less than \$5 million **Aggregated Item Name:** Ammunition less than \$5 million

COST ELEMENTS Units in Each							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) HARDWARE																																						
1.2) (A5011) LUU-19 PARAFIARES (2)																																						
	108	2012	NAVY (2)	13	0	13	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2											
✓	108	2012	NAVY (3)	4000	0	4000	-	-	-	-	-	-	333	333	333	333	333	333	333	333	334	334	334	334	334													
	108	2013	NAVY	851	0	851	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	70	71	71	71	71	71	71	71	355			
✓	108	2013	NAVY	4000	0	4000	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	333	333	333	333	333	333	333	333	1669			
							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 1 / BSA 1 **P-1 Line Item Nomenclature:** 0400 - Ammunition less than \$5 million **Aggregated Item Name:** Ammunition less than \$5 million

COST ELEMENTS Units in Each							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										
							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
1) HARDWARE																											
1.2) (A5011) LUU-19 PARAFIARES (2)																											
	108	2012	NAVY (2)	13	13	0																					
✓	108	2012	NAVY (3)	4000	4000	0																					
	108	2013	NAVY	851	496	355	71	71	71	71	71																
✓	108	2013	NAVY	4000	2331	1669	333	334	334	334	334	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			

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 1 / BSA 1	P-1 Line Item Nomenclature: 0400 - Ammunition less than \$5 million	Aggregated Item Name: Ammunition less than \$5 million

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	ATK - Brigham, UTAH	30000	40000	66000	0	0	0	0	0	6	12	18

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.
 (2) FY12 Award scheduled for March 2012
 (3) FY12 Award scheduled for March 2012

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